

Arizona State University

Academic Catalog Archive

2016-2017



This document provides an archival record of the academic programs offered during the 2016-2017 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 2016-2017 program information and major maps, as of September 30, 2016, 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 2016-2017, 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. Additionally, Arizona State University has established special transfer partnership documents with Arizona community colleges to facilitate the transition to ASU. Maricopa to ASU Pathways Program (MAPP) and Transfer Admission Guarantee (TAG) agreements for established undergraduate degrees can be found at the end of this document.

Table of Contents

President's Welcome

ASU Mission, Vision and Values

- ASU Charter

 - ASU Mission and Goals: 2015 and Beyond

- Institutional Inclusion

 - Diversity Plan

Accreditations

- ASU University Accreditation Office

 - Functions of the ASU University Accreditation Office

 - Professional Accreditation Oversight

 - ASU Accreditation Status Letter (2013)

- Programs with Specialized Accreditation

Academic Organizations 2016-2017

Academic Calendar

- Fall 2016

- Spring 2017

- Summer 2017

Tuition and Fees

- Residency for Tuition Purposes

- Residency for Deferred Action for Childhood Arrivals (DACA) Students

- Non-Resident Tuition Rate for Arizona High School Graduates

- Verification of Citizenship or Lawful Immigration Status

- Tuition and Fee Descriptions

- Tuition Refund Policy

 - Fall and Spring Semester Classes

 - Summer Session Classes

 - Medical or Compassionate Withdrawals

- Tuition and Fees Schedules

 - ASU Payment Plan

 - Leaving ASU

 - IRS Form 1098-T

 - Per Semester Tuition and Fees

 - Fall 2016 and Spring 2017 Tuition and Fees Schedules

- Registration & Tuition Payment Guide Fall 2016

University Policies

- Academic Integrity

- Grades and Grading Policies

- Undergraduate Policies and Procedures

 - ASU Competency Requirements

 - Freshman Admission Requirements

 - Admission for Home-Educated for Students

 - Admission for Veteran Students

 - Contact Admissions

 - International Freshman and Transfer Undergraduate Admission

 - Transfer Admission Requirements

 - How Credits Transfer to ASU

 - Western Undergraduate Exchange

 - Nondegree Student Admission

 - Undergraduate Readmission

 - Leave of Absence (Undergraduate)

 - Attendance

 - Arizona General Education Curriculum (AGEC)

 - Course Load and Concurrent Enrollment

 - Credit by Examination

 - Enrollment Verification

 - Glossary of Academic Terms

- Placement and Testing Requirements
- Retention and Academic Standards
- University Undergraduate General Studies Requirement
- University Undergraduate Graduation Requirements
- University Policy for Student Appeal Procedures on Grades
- Graduate Policies and Procedures

College Policies

- Business, W. P. Carey School of
- Design and the Arts, Herberger Institute for
- Engineering, Ira A. Fulton Schools of
- Future of Innovation in Society, School for the
- Global Management, Thunderbird School of
- Health Solutions, College of
- Honors - Barrett, the Honors College
- Integrative Sciences and Arts, College of
- Interdisciplinary Arts and Sciences, New College of
- Journalism and Mass Communication, Walter Cronkite School of
- Law, Sandra Day O'Connor College of
- Liberal Arts and Sciences, College of
- Nursing and Health Innovation, College of
- Public Service and Community Solutions, College of
- Sustainability, School of
- Teachers College, Mary Lou Fulton

Academic Programs (Descriptions and Requirements)

- Graduate Programs
- Minors
- Undergraduate Certificates
- Undergraduate Degrees
- Undergraduate Degree Requirements (Major Maps)
- Maricopa to ASU Pathways Program (MAPP) Agreements
- Transfer Admission Guarantee (TAG) Agreements

Personalized Tools and Services for All Students

Transcripts

President's Welcome

A Welcome from President Michael M. Crow

"ASU maintains a tradition of academic excellence in core disciplines, and has become an important global center for innovative interdisciplinary teaching and research."

As president of Arizona State University, I would like to welcome you to one of the premier metropolitan public research universities in the nation. Enrolling more than 69,000 undergraduate, graduate, and professional students on four campuses in metropolitan Phoenix, ASU maintains a tradition of academic excellence in core disciplines, and has become an important global center for innovative interdisciplinary teaching and research. A research university is inherently committed to the principle that teaching is most effectively carried out in a context that encourages the creation of new knowledge. At ASU ground-breaking interdisciplinary research in the sciences and fields of technology complements scholarship in the humanities, social sciences, and professional schools. ASU is also a community of poets, novelists, artists, and musicians, a place where the expression of a personal vision is valued as highly as the design of a new molecule. The historic campus in Tempe, a college town surrounded by the creative ferment of a metropolitan region, provides a congenial setting for our academic community. In Mesa, ASU's Polytechnic campus is emerging as one of the nation's premier polytechnics, with an emphasis on experience-based learning and applications-based problem solving. In a beautiful setting in the burgeoning West Valley, ASU's West campus will evolve as a truly interdisciplinary college. The ASU Downtown Phoenix campus is home to world-class programs that contribute directly to their urban setting. ASU proudly champions diversity, and boasts a student body as diverse as any in the nation. Our campuses are international in scope, with students coming to ASU from all 50 states and nations across the globe to receive an education of the highest caliber. ASU is an active partner in initiatives to enhance the social well-being, economic competitiveness, and cultural depth.

Source URL: <https://president.asu.edu/welcome>

ASU Mission, Vision and Values

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; 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 Mission & Goals: 2016 And Beyond

Demonstrate leadership in academic excellence and accessibility

- 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
- Improve freshmen persistence to 90%
- Enhance university graduation rate to 75%-80% and 25,000 graduates
- Enhance quality while reducing the cost of a degree
- Enroll 100,000 online and distance education degree seeking students
- Enhance linkages with community colleges so as to expand baccalaureate degree production to national leadership levels
- Enhance measured student development and individual student learning to national leadership levels

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

- Attain national standing in academic quality for each college and school (top 5-10% for each college)
- Attain national standing in the learning value added to our graduates in each college and school
- Become the leading university academically (faculty, discovery, research, creativity) in at least one department or school within each college/school

Establish ASU as a global center for interdisciplinary research, discovery and development by 2020

- Become a leading global center for interdisciplinary scholarship discovery and development
- Become a leading American center for discovery and scholarship in the social sciences, arts and humanities
- Enhance research competitiveness to more than \$700 million in annual research expenditures
- Augment regional economic competitiveness through research and discovery and value-added programs

Enhance our local impact and social embeddedness

- Provide Arizona with an interactive network of teaching, learning and discovery resources that reflects the scope of ASU's comprehensive knowledge enterprise
- Develop solutions to real-life challenges (Ex. Reducing the Urban Heat Island Index and improving long-term air quality in metropolitan Phoenix)
- Increase the number of qualified K-12 teachers by 25% and develop a tool for teachers and administrators to evaluate educational performance and outcomes
- Establish, with Mayo Clinic, innovative health solutions pathways capable of educating 200 million people about health care; engaging 20 million people in online health care delivery; and enhancing treatment for 2 million patients

Source URL: <https://president.asu.edu/about/asucharter>

Institutional Inclusion

Diversity Plan

ASU 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://diversity.asu.edu/plan>



Diversity Plan: Building Blocks for Success Through People, Programming and Policies

Office of the Executive Vice President and University Provost
Updated June 2013

“We have to learn how to communicate and teach between all ethnic and cultural perspectives. Not with a dominant cultural perspective and marginal alternative cultural perspectives, but across all of these. We have not figured out how to do this. We need to embrace cultural diversification in America and change the culture of the university as a critical first step.”

President Michael M. Crow
16th President of Arizona State University

ASU Values Diversity

Arizona State University has been in a state of accelerated transformation since 2002. Its evolution as the New American University presents remarkable opportunity for demonstrating leadership and innovation across the multiple domains of practice in higher education. One of the most critical areas where ASU can have local, regional, and global impact is diversity. As a function of its size, location, and current diversity, ASU is optimally positioned to create and evaluate new models of inclusion and, in so doing, advance the teaching, research and human resource imperatives that will guide higher education in the decades to come. In the sections that follow, we present a conceptual definition of diversity and then, the core components of a comprehensive diversity plan are identified, as are specific initiatives that follow from an application of these components.

Defining Diversity

A widely constituted Diversity Council was charged in 2005 to develop a definition of diversity. That statement reads as follows:

Diversity and excellence are inextricably linked at Arizona State University. In line with recent Supreme Court decisions related to representation, we endorse the idea that engaging diversity facilitates comprehensive understanding, effective practice, and informed responsiveness to national and global imperatives. As an institution, ASU is committed to these ideals and to creating an environment that promotes inclusion, respect, community, and appreciation for the full tapestry that comprises the human experience.

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/ethnicity 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.

Diversity and ASU's Imperatives of Excellence, Access, and Impact

Excellence is not achieved by simply repeating conventional patterns. Access extends well beyond representation to the goal of inclusion. Impact creates reverberations across time and space. Diversification of the academy, thus, requires thinking beyond singular or isolated programs or events, creating a cultural transformation that gives every member of our community an understanding of inclusion and their contribution to the effort. It also allows for measurement of solid indices of success that facilitate achievement of institutional goals. Achieving success in diversification and inclusion requires that ASU's approach involve a philosophical endorsement by the entire leadership and an operational plan that is transparent and is carried out by every person, in every area, and in every transaction. Integrating the practice of diversity and inclusion in a large, complex organization requires commitment, resources, and cultural transformation. ASU is already one of the most diverse educational communities in the country; our aim is to make it the prototype of inclusion. This goal is achievable because we have a solid foundation and leadership that is characterized by creativity, high energy, and a commitment to university principles. ASU is well on its way to epitomizing the construct of interdependence, whereby each person and unit is aware that all are needed to contribute to the success of the whole and the success (or failure) of any member or group both influences and is influenced by the success (or failure) of other members and groups.

Engaging the 'People, Programming, & Policies' Approach

ASU's diversity plan acknowledges that an overarching framework that is comprehensible to all stakeholders and compelling in its ideology will yield the greatest success. Consequently, the 'People, Programming, & Policies' initiative asks each of us to consider 3 basic questions:

1. How well does the composition of our student, faculty, and staff population reflect the diversity of our broader constituencies? (people)
2. To what extent do the planning and design of our deliverables take into account the diversity that is currently in place and/or lacking at ASU? (programming)
3. How do we create and review our policies to promote equity and success for all members of our university community? (policies)

By engaging these three basic questions in the practice and production of our educational, employment, and research missions, we create a shared understanding of diversity and inclusion, and stand to achieve higher levels of success.

What do these questions look like in practice? In the sections that follow, we elaborate each of these three areas (people, programming, policies), and provide exemplars of initiatives that reflect corresponding efforts respectively. The representative initiatives suggest efforts that can be taken at the department, college, and vice-presidential area levels, as well as university-wide efforts that reflect provost- and presidential-level initiatives. Moreover, the efforts as a whole invite all ASU citizens to be involved in making the New American University a place of inclusion and excellence. Thus, input and responsiveness are encouraged.

PEOPLE

ASU is the largest and one of the most diverse public universities in the country. For example, 33% or 23, 877 are students of color including 12, 880 (18%) who are Hispanic/Latino, 1,184 (2%) who are American Indian, and 3,491 (4.8%) who are African-American. Overall, between Fall 2003 and Fall 2012, the number of students of color grew from 22% of the student population to 33%. In that same time period, there was a 94% increase in the number of Hispanic/Latino students. More importantly, ASU has seen a dramatic increase in the graduation rates of our minority students. For example, since 2003 there has been a 124% increase in the degrees awarded to Hispanic/Latino students, a 105 % increase among Asian/Pacific Islander students, an increase of 121% among our African-American students, and a 25% increase in the graduation rates of our American Indian students.

There have been similar increases in the ethnic diversity of our faculty and staff during the past decade. For example, the number of Hispanic/Latino employees grew from 937 to 1,131, a 20.7% increase. The number of Asian/Pacific Islander employees grew by 57%, and the number of African-American employees grew by 11%.

Although ASU has made strong strides to increase the diversity of our academic community, it is important to continually challenge ourselves to move forward. To create change, each of our academic units and vice-presidential areas must ask: What is the current level of diversity in our unit? Is our team (students, faculty, staff, and administrators) comprised of individuals from diverse groups (e.g., encouraging more women in science and engineering and more men in nursing)? If not, what changes can be made in recruitment and retention to achieve representational diversity?

REPRESENTATIVE EFFORTS AT PROMOTING INCLUSION

Representative examples of initiatives that continue to diversify the membership of our institution include: systematic review by each unit of diversification efforts, inclusive of successes, and areas in need of development; establishment and implementation of assessment procedures to govern diversity efforts within each college and vice-presidential area; development of a plan by each unit for promoting diversification in the composition of its undergraduate majors, graduate students, and workforce and for improving climate; early outreach to underrepresented students; proactive recruitment activities that yield diverse pools of qualified applicants in order to generate a competitive pool of finalists; recruitment of faculty who contribute to the knowledge and practice of diversity; recruitment and retention of diverse administrators; resource allocation in an effort to recruit and retain individuals from

underrepresented groups across all areas of the university when they are underrepresented; allocation of funds to secure target of opportunity hires for faculty who will increase diversity; initiation of partnerships with institutions that produce Ph.D. graduates from underrepresented groups; engagement of current staff members of underrepresented groups in recruitment and mentoring of new employees; recruitment and hiring of employees and administrators who will actively promote diversity establishment of connections with current faculty organizations and departments in the service of recruiting diverse faculty and staff.

PROGRAMS

As an institution of higher education, ASU:

- produces significant deliverables, including knowledge, ideas, new models of understanding, employees trained and prepared to contribute to the changing demands of the workforce, and tangible products that advance the human and global condition.
- engages in the dissemination of information through classroom and research outlets.
- recognizes that a comprehensive diversification plan in which all members take responsibility will yield the most effective and beneficial deliverables.
- underscores the importance of leadership in modeling and ensuring quality and accountability for production of a good yield.

Our ‘programming’ in these and other areas must reflect an appreciation for the role that diversity plays in the world, as well as for strengths inherent in diversification and inclusion. Programming should focus not on the production of isolated events or markers of progress that fail to be integrated into the fabric of the university, but instead emphasize a systematic approach that reflects in word and deed the institution’s commitment to the practice and science of inclusion across all areas of production.

DIVERSITY EFFORTS IN THE ACADEMIC DOMAIN

Diversity and inclusion can be reflected on the academic side via:

- the research enterprise, through such efforts as defining the intellectual enterprise; inclusion of diverse populations, methodologies, and paradigms; inclusiveness in team composition; targeted beneficiaries of tangible outcomes;
- teaching, through the continued development and evolution of new courses with diversity content; promotion of pedagogical strategies that encourage student involvement and facilitate respect for diverse perspectives; incorporation of diversity as a core element of graduate teaching assistant training; faculty development workshops in the area of intergroup dynamics and diversity; systematic programming on diversity within student residential halls;
- service efforts on campus, in the community, and in our respective professions,

through promotion of service to underrepresented populations, mentoring of underrepresented students, support for ethnic and women's faculty and staff affinity groups, and educational programs for community members related to diversity.

DIVERSITY EFFORTS IN TRAINING OF EMPLOYEES

On the employment dimension, inclusion can be supported through initiatives such as the [Diversity and Recruitment Certification Training](#) in the Human Resource arena (including the implementation of employee training models that take into account the needs and advantages associated with diversity, and general diversity training for all staff, faculty, and administrators to meet the needs of a diverse student body); overall development and support for new and existing programming that encourages interaction across diverse groups (e.g., intergroup dialogue opportunities for employees); increasing professional development opportunities for staff, mentoring individuals from underrepresented groups for advancement to leadership roles; recognition of both individual and unit success in diversity initiatives; mentoring programs for new faculty and employees with a core component that addresses the challenges/opportunities associated with being a member of an underrepresented group; creating liaisons to industry partners to exchange best practices for diversifying the workforce and promoting inclusion (e.g., the Diversity Leadership Alliance).

EFFORTS RELATED TO CONSTRUCTING AND DISSEMINATING THE MESSAGE OF INCLUSION

In the communication arena, commitment to diversity and inclusion call for systematic and ongoing review of all outreach publications for text and images that are representative; inclusion on the ASU website of an inventory of diversity-related events, offices, programs, and groups within the university; conveyance in public appearances by administrators and other ASU representatives to the community of a clear and consistent message that diversity is an institutional priority; establishment of visiting lectureships and fellowships to bring emerging and renowned scholars from diverse backgrounds to contribute to the intellectual climate of the university; sponsorship of a Living Legends town-gown collaboration that highlight contributions of community members from diverse backgrounds; examination of symbols on campus that may reflect exclusion of different and important groups on campus.

POLICIES

An organization's commitment to diversity must be reflected in recruiting policies, reward structures, and accountability procedures. Support for diversity and inclusion must be demonstrated at all levels of the university from the central administration to the smallest unit on campus. Our policies must be infused with a focus on the needs, benefits, and understanding of dynamics that are associated with successful diversification. Importantly, success in diversification must comprise a component of our evaluations.

POLICIES THAT REFLECT INSTITUTIONAL PRIORITIES

Among possible examples of how diversity must be reflected in our policies are the following initiatives: systematic collection and reporting of recruitment, retention, and promotion rates by

gender and ethnicity, and other relevant categories, as well as administrators from underrepresented groups (in comparison with overall rates); similar efforts in undergraduate and graduate student recruitment, retention, and graduation success; identification and implementation of college-specific strategies for increasing their diversity, and for monitoring and reporting progress annually; regularized self-assessments by colleges and units on a diversity template to identify progress; examination and insuring no bias in faculty and staff recognition and awards, faculty start-up packages, endowed chairs, recruitment of post-docs, and scholarship recipients; family-friendly policies (e.g., our existing approaches and policies concerning spousal accommodations and parental leave); inclusion of questions in annual and academic program reviews about initiatives undertaken by departments to address diversification in their climate, curriculum, and student, faculty and staff populations; requiring demonstrated skills in managing and increasing diversity as a standard qualification for all leadership positions; identification and rectification of inequity in workload and salary related to gender and race/ethnicity; representation of diversity on committees that have long-range impact; inclusion in the university's exit interview process questions to assist in identifying opportunities for improvement in retention of faculty, administrators, and staff from underrepresented groups; integration of diversity into all major policy changes.

REWARDING DIVERSITY

To promote achievement in tangible diversification, the institution will reward the pursuit of initiatives and efforts to promote inclusion on every level. To achieve the 'highest rating', contributions to diversity should be evident. Further reflecting our commitment to achieving diversification, diversity efforts will be rewarded in every possible way, including recognition, promotion, and participation in key university decision-making.

THE PLAN

In order to achieve the diversity we seek and promote the respect necessary in our university and society, we are launching a six-part initiative. The constituent elements are:

1. COMMUNICATION

To ensure visibility of our commitment, we shall maintain a web page with information on initiatives and ensure our communication efforts highlight university activities related to diversity.

- Maintain an ASU diversity webpage with links from the president's and provost's pages and links to other relevant pages including an inventory of diversity-related events, offices, programs, and groups within the university;
- Convey in public appearances by administrators and other ASU representatives to the community a clear and consistent message that diversity is an institutional priority;
- ASU home page web images and university publications should reflect the diversity of our faculty, academic professionals, staff and students.

2. UNIVERSITY DIALOGUE

Launch and maintain multi-year initiatives, spearheaded by the Office of the Executive Vice President and Provost's Office of Academic Excellence and Inclusion, to promote dialogue and discussion among students, staff and faculty about the issues and challenges related to diversity. As ASU is situated in a state, region, and global community with a rapidly changing demography, it is important that we promote an active level of engagement of our students, staff and faculty important dialogue and discussion. These initiatives are an important element to building an environment that is welcoming of all individuals and viewpoints. Such initiative provides the opportunity to reflect on the university as a place for differences to inform and educate critical elements of our *raison d'être*.

Examples of a multi-level university dialogue about diversity include:

- Support the [Committee for Campus Inclusion](#) (CCI) that serves as a resource across all campuses to build a respectful environment for students, faculty, and staff.
- Continue to support a speaker series/signature projects from both within and external to the university to explore issues of inclusion, social justice, and diversity.
- Continue to support development programs that foster the hiring and retention of our diverse faculty and staff.
- Continue to engage with the academic leadership about strategies to enhance the recruitment, retention, and graduation of students from our diverse student populations.

3. COLLEGE/SCHOOL FOCUS

Recruitment and retention of a diverse faculty and staff is everyone's responsibility, however, deans and academic chairs/directors have a special role to play in this regard and will be rewarded for their success in recruiting, retaining, and promoting excellent faculty and staff from underrepresented groups. The New American University vision cannot be realized without this commitment.

To assist with recruiting, the [Office of Equity and Institutional Inclusion](#) will provide data on the availability of minority and female or male candidates to deans/directors. Senior positions being recruited should be characterized by a heightened commitment to ensuring a diverse set of candidates to create a strong cadre of leaders and mentors who reflect ethnic and gender diversity, and recognize the need for minorities and women in such roles.

Where deans identify an individual who would be a significant asset to their college or school but who is not someone they were specifically seeking through their search activity, they may make application to the Office of the Executive Vice President and University Provost for funding to support such a person. Deans will be asked to report annually to the University Provost on the success they have had in their efforts to increase the diversity of their faculty and staff and highlight every five years on the increase they have had in the recruitment and retention of the faculty and staff.

While a central mentoring program offers some opportunity for advice to untenured faculty members, the critical issue is mentoring them within their units to ensure the highest probability of success. Each college and school should develop a mentoring program designed to ensure assistant professors have the opportunity for learning about the expectations they should be meeting, enabling their scholarly success, and helping them become quality teachers (this may be done within departments not just at the college or school level).

There is a need to be proactive in the development of faculty from racial and ethnic minorities, women and all members of underrepresented groups. One mechanism is through the creation of a faculty pipeline through postdoctoral fellowships for racial/ethnic minorities (all areas), and in fields where women are underrepresented, such as science and engineering. Units are encouraged to apply for grants from foundations and other sources to target graduate students with fellowships designed to enhance diversity (e.g., doctoral students supported by Ford Foundation fellowships, NIH and other training grants/fellowships to support diversity, etc.), and use faculty networks to identify additional candidates.

4. TRAINING FOR CHAIRS AND DEANS

ASU will incorporate diversity training into leadership programs for chairs, deans, and associate deans. Diversity training may include:

- Speaker series, with highly respected scientists and engineers from top research universities addressing strategies to overcome biases in hiring, promotion, and tenure decisions, and to promote a climate that encourages productivity and fair treatment for all.
- Workshops on mentoring, including how to have difficult conversations with faculty designed to help them progress towards tenure and promotion.
- Workshops on climate, with focus on strategies to create and maintain a climate in the unit and college that is welcoming and supportive for all members of the faculty (as well as postdoctoral scholars, graduate students, and undergraduates).

5. BUILDING SYNERGY

There are a number of organizations and units that deal with issues of diversity on a regular basis. These include the Chicano Latino Faculty and Staff Association, Committee for Campus Inclusion, Commission on the Status of Women, the Faculty Women's Association, Ubiquity: ASU Lesbian, Gay, Bisexual and Transgender Faculty and Staff Organization, and University Career Women. It would be advantageous to examine ways to build greater synergy arising from their collective efforts to increase the impact within ASU.

6. BUILDING PRIVATE INVESTMENT TO ADVANCE DIVERSITY

Creating bridges to the community and identifying resources to support faculty, staff and students are responsibilities of the deans and the central administration. The deans of the colleges

and schools working in collaboration with the efforts of the President, Provost, and President of the ASU Foundation will be encouraged to develop such opportunities.

- As such, deans may seek to establish funds and endowments to support scholarships, professorships, chairs, annual lectures, and small conferences. These may include such things as:
 - Expanding existing lecture series (e.g., Wade Smith Memorial Lecture on Race Relations) to include additional lectures conducive of conversations;
 - Establishment of mid-career endowed professorships/chairs to encourage and retain “rising stars,” with a substantial percentage directed towards members of underrepresented groups among the faculty;
 - Engaging Industry Partners through creative partnership. These should include but not be limited to businesses that have supported diversity at ASU (e.g., Wells Fargo). Develop venues through which they can help showcase the importance of diversity in higher education from the perspective of industry partners seeking talent.

MEASURING OUR SUCCESSES

Assuring that ASU continues to be a university that demonstrates its on-going commitment to excellence and inclusion is the responsibility of the entire university community including the senior leadership, the academic leadership, faculty, staff, and students. The Office of the Executive Vice President and University Provost will help ensure that our programs foster an environment of respect and facilitate and encourage best practices, as well as to ensure compliance with federal law.

Accreditations

All ASU academic programs are fully accredited by the North Central Association Higher Learning Commission. The institution has been continuously accredited by the Higher Learning Commission since 1931.

This accreditation is reviewed for reaffirmation every ten years, with the next review in 2013. (For more information on the reaffirmation process, see here [1].) The official letter from the Higher Learning Commission communicating the status of ASU's accreditation is available for public viewing here [2].

A number of programs also have **specialized accreditations** by professional and national accrediting agencies. A list of those specialized accreditations may be found here [3].

ASU University Accreditation Office

At ASU, the Vice Provost for Graduate Education serves as the University Accreditation Officer (UAO). Representing the University President and the University Provost, the UAO officer is charged with the essential functions related to university-wide accreditation activities and with providing guidance and assistance as the process moves forward leading to successful and productive accreditation visits.

University Accreditation Officer and Vice Provost for Graduate Education

Andrew N. Webber

480-965-5906 Fax: 480-965-0375

andrew.webber@asu.edu

Administrative Assistant, Accreditation

Carla McNeil-Baxter

480-965-4253 Fax: 480-965-0375

carla.mcneil-baxter@asu.edu

Functions of the ASU University Accreditation Office

Liaison to the Higher Learning Commission (HLC).

The UAO monitors institutional compliance with HLC requirements and coordinates the institutional evaluation for continuing accreditation by the HLC every ten years. The UAO also facilitates HLC approval of program and/or institutional changes where required. As a program prepares for accreditation, it is encouraged to visit the HLC website higherlearningcommission.org [4] to find information about HLC standards and procedures for accreditation.

Professional Accreditation Oversight

The UAO works closely with academic units and programs that seek new accreditation or seek re-accreditation. This oversight includes:

1. Coordination of site visitors schedule and university administrators. All programs are asked to coordinate the site visitors' schedules/itinerary with the UAO – this to insure that appropriate university administrators will be available at the time of the site visit.
2. Review of self-study draft. The UAO will conduct a review of the self-study draft to assure a self-study that meets the accreditation criteria and guidelines and addresses any problems from previous accreditation and other issues that may be present. A written report will be returned to the program with recommendations and edits.
3. Briefing paper. The UAO will review the briefing paper draft (prepared by the program) and submit recommendations and edits before the final paper is distributed to university administrators and other appropriate officials. The briefing paper is an in-house confidential resource and not shared with the site visitors.
4. The site visit report and response to the report. The UAO will review the site visit report and the program's draft response, looking for accuracy, completeness, and tone. Based on this review, written recommendations for the program response will be made.

5. Accreditation Status Letter. The original letter is held in the UAO as part of the accreditation permanent records. The UAO will send copies of this letter to the program and supervising administrator. The UAO will enter the date of the next accreditation review into the university calendar which is maintained by this office.

Note: Repository for all accreditation documents.

All programs are asked to provide copies of all accreditation records, reports and other documentation to the UAO, as they become available. Records will be held in the UAO until being sent to University Archives.

Source URL: <http://accreditation.asu.edu/>

Links:

[1] <http://hlc2013.asu.edu/>

[2] <http://accreditation.asu.edu/sites/default/files/ArizonaStateUniversityPEAQReaffirmationActionLetter9-24-13.pdf>

[3] <http://accreditation.asu.edu/programs-specialized-accreditation>

[4] <https://www.hlcommission.org/>

North Central Association Higher Learning Commission institutional accreditation information is always available at: http://ncahlc.org/component/com_directory/Action,ShowBasic/Itemid,/instid,1002/.

October 3, 2013

President Michael M. Crow
Arizona State University
PO Box 2203
Tempe, AZ 85287-2203

Dear President Crow:

This letter is formal notification of the action taken concerning Arizona State University by the Higher Learning Commission. At its meeting on September 24, 2013, the Institutional Actions Council (IAC) acted on the items below. This letter serves as the official record of this action, and the date of this action constitutes the effective date of your new status with the Commission.

Action. IAC continued the accreditation of Arizona State University with the next Reaffirmation of Accreditation in 2022-23.

If the current Commission action includes changes to your institution's *Statement of Affiliation Status (SAS)* or *Organizational Profile (OP)*, the changes will appear in these documents within three weeks of the date of action. The *SAS* is a summary of your institution's ongoing relationship with the Commission. The *OP* is generated from data you provided in your most recent Institutional Update.

The Commission posts the SAS, OP and this action letter with the institution's directory listing on its website. Information for institutions on notifying the public of this action is available at <http://ncahlc.org/Information-for-Institutions/institutional-reporting-of-actions.html>.

If you have questions about these documents after viewing them, please contact Susan Devine. On behalf of the Board of Trustees, I thank you and your associates for your cooperation.

Sincerely,



Sylvia Manning
President

Programs with Specialized Accreditation

ACCREDITED PROGRAMS	ACCREDITING AGENCIES
College of Liberal Arts and Sciences (T)	
Department of Speech and Hearing Science	
MS, Speech-Language Pathology/PhD, Audiology	American Speech-Language-Hearing Association (ASHA)
Department of Psychology	
PhD, Psychology (with concentration in Clinical Psychology)	American Psychology Association (APA)
College of Integrative Arts and Sciences (D)	
PhD in Counseling Psychology MC, Counseling	American Psychology Association (APA) Council for Accreditation of Counseling and Related Educational Programs (CACREP)
School of Geographical Sciences and Urban Planning	
MUEP, Urban and Environmental Planning	Planning Accreditation Board (PAB)
College of Nursing and Health Innovation (D)	
PhD, BSN, MS, Nursing; Master of Healthcare Innovation	Arizona State Board of Nursing/Commission of Collegiate Nursing Education (CCNE)
B.A.S., Medical Laboratory Science	National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
BS, Nutrition (didactic program in dietetics) MS, Nutrition (dietetic Internship)	American Dietetic Association (ADA)
The College of Public Service & Community Solutions (D)	
School of Community Resources and Development	Council on Accreditation for, Parks, Recreation, Tourism and Related Professions COAPRT)
BS, Parks and Recreation Management	

School of Public Affairs (D)	
MPA, Public Administration	National Association of Schools of Public Affairs and Administration (NASPAA)
School of Social Work (D)	
BSW, MSW Social Work	Council of Social Work Education (CSWE)
Herberger Institute of Design and the Arts (T)	
The Design School	
BSD, Interior Design	Council for Interior Design Accreditation (CIDA)
BSD, Graphic Design, Industrial Design MSD, Design (with concentrations in Industrial Design, Interior Design and Visual Communication) Ph.D. Environmental Design and Planning	National Association of Schools of Art and Design (NASAD)
School of Architecture and Landscape Architecture	
MLA, BSLA, Landscape Architecture	Landscape Architectural Accreditation Board (LAAB)
MArch, Architecture	National Architectural Accrediting Board (NAAB)
School of Music	National Association of Schools of Music (NASM)
Ira A. Fulton Schools of Engineering (T and P)	
BS, Computer Science	Accredited by the Computing Accreditation Commission (CAC) of ABET, http://www.abet.org
BS, Construction	American Council for Construction Education (ACCE)
BS, Aeronautical Management Technology - Professional Flight BS, Aeronautical Management Technology - Air Transportation Management BS, Air Traffic Management	Aviation Accreditation Board International (AABI)
BSE, Aerospace Engineering BSE, Biomedical Engineering BSE, Chemical Engineering BSE, Civil Engineering BSE, Computer Systems Engineering	Accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org

BSE, Electrical Engineering BSE, Engineering BSE, Industrial Engineering BSE, Materials Science and Engineering BSE, Mechanical Engineering Polytechnic Campus BSE, Engineering	Engineering Accreditation Commission (EAC)
Mary Lou Fulton Teachers College (T)	
PhD, Educational Psychology (with a concentration in School Psychology)	American Psychological Association (APA)
Sandra Day O'Connor College of Law (T)	
JD, Law	American Bar Association (ABA)
Walter Cronkite School of Journalism and Mass Communication (D)	
All Programs	Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)
W. P. Carey School of Business (T)	
All Programs	The Association to Advance Collegiate Schools of Business (AACSB International)
School of Accountancy	The Association to Advance Collegiate Schools of Business (AACSB International)
School of Health Management and Policy	Commission on Education for Health Services Administration (CAHME)

Source URL: <http://accreditation.asu.edu/programs-specialized-accreditation>

Academic Organizations 2016-2017

Academic Organizations 2016-2017

***Effective August 15, 2016**

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
Film, Dance and Theatre, School of
Music, School of

Engineering, Ira A. Fulton Schools of

Biological and Health Systems Engineering, School of
Computing, Informatics and Decision Systems Engineering, School of
Electrical, Computer and Energy Engineering, School of
Engineering of Matter, Transport and Energy, School for
Polytechnic School
Sustainable Engineering and the Built Environment, School of

Future of Innovation in Society, School for the

Global Management, Thunderbird School of

Graduate Education

Health Solutions, College of

Biomedical Informatics, Department of
Nutrition and Health Promotion, School of
Science of Health Care Delivery, School for the
Speech and Hearing Science, Department 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

Integrative Sciences and Arts, College of

Liberal Arts and Sciences, College of

Aerospace Studies, Department of
American Indian Studies Program
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, College of

Public Service and Community Solutions, College of

Community Resources and Development, School of
Criminology and Criminal Justice, School of
Public Affairs, School of
Social Work, School of

Sustainability, School of

Teachers College, Mary Lou Fulton

Educational Leadership and Innovation, Division of
Teacher Preparation, Division of

University College

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 [1] for the prorated deadline dates.

All dates are subject to change without notice.

- [Summer 2016 \[2\]](#)
- [Fall 2016 \[3\]](#)
- [Spring 2017 \[4\]](#)
- [Summer 2017 \[5\]](#)
- [Fall 2017 \[6\]](#)
- [Archive & Future Term Calendars \[7\]](#)

Related Calendars

- [Final Exam Schedule \[8\]](#)
- [Tuition Deadlines \[9\]](#)
- [Financial Aid Calendar \[10\]](#)
- [Religious Holidays \[11\]](#)

Fall 2016

Session A: (7.5 Weeks) Thursday, 08/18/2016 – Friday, 10/07/2016 Session B: (7.5 Weeks) Wednesday, 10/12/2016 – Friday, 12/02/2016 Session C: (15 Weeks) Thursday, 08/18/2016 – Friday, 12/02/2016 (Final Exams 12/05/2016 – 12/10/2016)	
Schedule of Classes Available [13]	February 22, 2016
Registration and Tuition Guide Available [25]	February 22, 2016
Registration Dates Begin [14]	February 25, 2016

\$50.00 Late Registration Fee Begins [15] (does not apply to ASU Online students)	Session A August 10, 2016	Session B October 4, 2016	Session C August 10, 2016
Suggested Postmark to Meet Tuition/Fee Payment Deadline	August 11, 2016		
Classes Begin	Session A August 18, 2016	Session B October 12, 2016	Session C August 18, 2016
Extended Hours (Registration Sites Only) - Open until 6:00 pm	TBD		
Last Day to Register or Drop/Add Without College Approval [16]	Session A August 19, 2016	Session B October 13, 2016	Session C August 24, 2016
Residency Classification Petition Deadline [17]	August 24, 2016		
Tuition Fee Payment Deadline - For registration through 8/18/2016. For more information see Tuition and Deadlines [9].	August 25, 2016		
Tuition & Fees 100% Refund Deadline - For more information see Tuition and Deadlines [18] Note: If you choose to drop a class [19] or withdraw from ASU [20] after this deadline, you may receive a bill for the financial aid used to cover those classes.	Session A August 24, 2016	Session B October 18, 2016	Session C August 31, 2016
Labor Day Holiday Observed - University Closed	September 5, 2016		
University 21st Day	Session A September 7, 2016	Session B November 1, 2016	Session C September 7, 2016
Tuition Fee Payment Deadline - For registration from 8/19/2016 through 9/18/2016. For more information see Tuition and Deadlines [9].	September 25, 2016		
Deadline to Apply for Graduation [23]	October 3, 2016		
Academic Status Report #1 [26] - Students can view ASRs in My ASU within 24 hours after the last reporting day.	Session A August 30 - September 1, 2016	Session B October 24 - 26, 2016	Session C September 26 - October 3, 2016
University 45th Day	Session A N/A	Session B N/A	Session C October 1, 2016
Fall Break – Classes Excused	October 8 - 11, 2016		
Academic Status Report #2 [26] - Students can view ASRs in My ASU within 24 hours after the last reporting day.	Session A N/A	Session B N/A	Session C October 20 - 27, 2016
Tuition Fee Payment Deadline - For registration from 9/19/2016 through 10/18/2016. For more information see Tuition and Deadlines [9].	October 25, 2016		

<u>Course Withdrawal Deadline</u> [16]	Session A September 7, 2016	Session B November 1, 2016	Session C November 2, 2016
Veterans Day Observed - University Closed	November 11, 2016		
Thanksgiving Observed - University Closed	November 24 - 25, 2016		
Complete Session Withdrawal Deadline [27] 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. [28]	Session A October 7, 2016	Session B December 2, 2016	Session C December 2, 2016
Classes End/ Last Day to Process Transactions	Session A October 7, 2016	Session B December 2, 2016	Session C December 2, 2016
Study Days	Session A N/A	Session B N/A	Session C December 3 - 4, 2016
<u>Final Exams</u> [29]	Session A Last day of classes	Session B Last day of classes	Session C December 5 - 10, 2016
Final Grades Due	Session A October 10, 2016	Session B December 5 - 12, 2016	Session C December 5 - 12, 2016
Commencement Ceremony [30] (Graduate and Undergraduate)	December 12, 2016		
Degree Conferral Date	December 12, 2016		
Grade Replacement/Academic Standing Processing	December 13 - 14, 2016		
Holiday Break - University Closed	December 26 - 27, 2016		

Spring 2017

Session A: Monday, 01/09/2017 – Tuesday, 02/28/2017			
Session B: Monday, 03/13/2017 – Friday, 04/28/2017 (ASU Online and iCourses may end on Tuesday, 05/02/2017)			
Session C: Monday, 01/09/2017 – Friday, 04/28/2017 (Final Exams 05/01/2017 – 05/06/2017)			
Schedule of Classes Available [13]	October 13, 2016		
Registration and Tuition Guide Available [25]	October 13, 2016		
Registration Dates Begin [14]	October 17, 2016		
\$50.00 Late Registration Fee Begins [15] (does not apply to ASU Online students)	Session A TBD	Session B TBD	Session C TBD
Suggested Postmark to Meet Fee Payment Deadline	TBD		
Tuition Fee Payment Deadline [9] - For registration from TBD through TBD. For more information, see Tuition and Deadlines. [21]	TBD		
Classes Begin	Session A January 9, 2017	Session B March 13, 2017	Session C January 9, 2017
Last Day to Register or Drop/Add Without College Approval [16]	Session A January 10, 2017	Session B March 14, 2017	Session C January 15, 2017
Residency Classification Petition Deadline [17]	January 13, 2017		
Tuition & Fees 100% Refund Deadline - For more information see Tuition and Refund Policy. [18] Note: If you choose to drop a class [19] or withdraw from ASU [20] after this deadline, you may receive a bill for the financial aid used to cover those classes.	Session A TBD	Session B TBD	Session C TBD
Martin Luther King Jr. Holiday Observed – University Closed	January 16, 2017		
University 21st Day	Session A January 30, 2017	Session B April 03, 2017	Session C January 30, 2017
Academic Status Report #1 [26] - Students can view ASRs in My ASU within 24 hours after the last reporting day.	Session A January 19 - 23, 2017	Session B March 22 - 26, 2017	Session C February 06 - 13, 2017
Deadline to Apply for Graduation [23]	February 15, 2017		
University 45th Day	Session A N/A	Session B N/A	Session C February 22, 2017
Spring Break – Classes Excused	March 5 - 12, 2017		

Academic Status Report #2 [26] - Students can view ASRs in My ASU within 24 hours after the last reporting day.	Session A N/A	Session B N/A	Session C March 20 - 27, 2017
Course Withdrawal Deadline [16]	Session A January 27, 2017	Session B March 31, 2017	Session C April 2, 2017
Complete Session Withdrawal Deadline [27] 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. [28]	Session A February 28, 2017	Session B April 28, 2017	Session C April 28, 2017
Classes End/ Last Day to Process Transactions (Session B ASU Online and iCourses may end on Tuesday, 5/02/2017)	Session A February 28, 2017	Session B April 28, 2017	Session C April 28, 2017
Study Days	Session A N/A	Session B N/A	Session C April 29-30, 2017
Final Exams [29]	Session A Last day of classes	Session B Last day of classes	Session C May 1 - 6, 2017
Final Grades Due	Session A March 3, 2017	Session B May 1 - 8, 2017	Session C May 1 - 8, 2017
Commencement [31] - (Graduate and Undergraduate)	May 8, 2017		
Degree Conferral Date	May 8, 2017		
Grade Replacement/Academic Standing Processing	May 9 - 10, 2017		

Summer 2017

Session A: (1st 6-Week Session) Tuesday, 05/16/2017 – Monday, 06/26/2017 Session B: (2nd 6-Week Session) Thursday, 06/29/2017 – Wednesday, 08/09/2017 Session C: (8-Week Session) Tuesday, 05/16/2017 – Monday, 07/10/2017			
Schedule of Classes Available [13]	February 7, 2017		
Registration Begins [14]	February 8, 2017		
Suggested Postmark to Meet Tuition Deadline	TBD		
Tuition Fee Payment Deadline - For more information please see Tuition and Deadlines [9].	TBD		
\$50.00 Late Registration Fee Begins [15] (does not apply to ASU Online students)	Session A TBD	Session B TBD	Session C TBD
Classes Begin	Session A May 16, 2017	Session B June 29, 2017	Session C May 16, 2017
Last Day to Register or Drop/Add Without College Approval[16]	Session A May 17, 2017	Session B June 30, 2017	Session C May 17, 2017
Residency Classification Petition Deadline [17]	May 17, 2017		
Tuition & Fees 100% Refund Deadline - For more information see Tuition and Refund Policy. [18] Note: If you choose to drop a class [19] or withdraw from ASU [20] after this deadline, you may receive a bill for the financial aid used to cover those classes.	Session A TBD	Session B TBD	Session C TBD
Memorial Day Observed - University Closed	May 29, 2017		
Course Withdrawal Deadline [22]	Session A June 5, 2017	Session B July 19, 2017	Session C June 5, 2017
Deadline to Apply for Graduation [23]	June 15, 2017		
Independence Day Observed - University Closed	July 4, 2017		
Complete Session Withdrawal Deadline [24]	Session A June 26, 2017	Session B August 9, 2017	Session C July 10, 2017
Classes End/ Last Day to Process Transactions	Session A June 26, 2017	Session B August 9, 2017	Session C July 10, 2017
Final Grades Due	Session A June 28, 2017	Session B August 11, 2017	Session C July 12, 2017
Degree Conferral Date	August 11, 2017		

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

Links:

- [1] <https://my.asu.edu/>
- [2] <https://students.asu.edu/academic-calendar#summer16>
- [3] <https://students.asu.edu/academic-calendar#fall16>
- [4] <https://students.asu.edu/academic-calendar#spring17>
- [5] <https://students.asu.edu/academic-calendar#summer17>
- [6] <https://students.asu.edu/academic-calendar#fall17>
- [7] <https://students.asu.edu/registrar-semester-calendar>
- [8] <https://students.asu.edu/final-exam-schedule>
- [9] <https://students.asu.edu/tuitiondeadlines>
- [10] <https://students.asu.edu/financialaid/calendar>
- [11] <https://students.asu.edu/cora/holidays>
- [12] <https://students.asu.edu/academic-calendar#top>
- [13] <https://webapp4.asu.edu/catalog/>
- [14] <https://students.asu.edu/registration>
- [15] <https://students.asu.edu/tuitiondescriptions>
- [16] <https://students.asu.edu/drop-add>
- [17] <https://students.asu.edu/residency>
- [18] <http://students.asu.edu/tuitionrefundpolicy>
- [19] <http://students.asu.edu/policies/census>
- [20] <http://students.asu.edu/policies/fa-withdrawal>
- [21] <http://students.asu.edu/tuitiondeadlines>
- [22] <https://students.asu.edu/withdrawal>
- [23] <https://students.asu.edu/graduation>
- [24] <https://students.asu.edu/forms/withdrawal>
- [25] <https://students.asu.edu/registration-tuitionpayment-guide>
- [26] <http://asu.force.com/kb/articles/FAQ/What-is-an-Academic-Status-Report>
- [27] <https://students.asu.edu/drop-add#comp%20wd>
- [28] <http://students.asu.edu/forms/withdrawal>
- [29] <https://students.asu.edu/final-exam-schedule#Spring>
- [30] <https://graduation.asu.edu/>
- [31] <http://graduation.asu.edu/>

Tuition and Fees

Residency for Tuition Purposes

In Arizona, as in all other states, tuition at publicly supported universities is lower for residents than non-residents. Residency classification is determined for all students in accordance with guidelines provided by the Arizona Board of Regents' (ABOR) [1], which reflect current Arizona revised statutes [2]. Students that are classified as non-residents can request reclassification and must support their request with documentation that shows compliance with ABOR policy and current state law.

Residency Classification for Deferred Action for Childhood Arrivals (DACA) Students [3]

Non-Resident Tuition Rate for Arizona High School Graduates [4]

Requesting Residency Classification

Please complete the following steps to request residency classification.

1. Review the residency guidelines [5], frequently asked questions [6] and general information [7].
2. Complete your request using the residency reclassification application [8].
3. Submit all required documentation [9] to the Residency Classification Office.
4. View the status of your request from the residency reclassification application [8].
5. Review your decision. If denied, you can request a residency appeal [10].

The residency application is only available to current, active, non-resident students. Students admitted for future semesters may not be able to access the application until after term activation (which occurs shortly before a student is given the ability to register for future terms).

Students are expected to read and understand all requirements related to residency for tuition purposes and it is the student's responsibility to be in compliance with all residency requirements, including applicable state laws. Lack of knowledge or incorrect assumptions about residency will not excuse the requirement to be familiar with the policies and procedures listed herein.

Petition Deadlines

Semester	Petition Deadline	Priority Deadline ¹
Summer ² 2016	May 17, 2016	April 1, 2016
Fall 2016	August 24, 2016	June 1, 2016
Spring 2017	January 13, 2017	November 1, 2016

¹ Petitions submitted (and supported by all required documentation) before the priority deadline will be reviewed prior to the petition deadline for that term (as shown above). Petitions submitted after this date will be reviewed in the order in which they are received and may not be evaluated until after classes begin.

² Summer petitions are only evaluated for students registered for summer classes.

You will not be permitted to submit a request for reclassification after the posted deadline. Per ABOR policy, failure to submit a request for reclassification by the deadline constitutes a waiver of your right to petition for that term. Late requests cannot be accepted and there is no option to appeal a petition submitted after the deadline.

Appeal Deadlines

If denied, your denial letter will include an appeal deadline. However, to ensure that your appeal is heard as soon as possible, your request for a hearing should be made no later than 10 days after your decision is rendered. See residency appeals [10] for additional information.

Information regarding residency classification, including the content on these pages, is subject to change without notice. Direct all questions to Residency Classification at 480-965-7712 or email residency@asu.edu [11].

Information regarding residency classification is subject to change without notice.

More Information

Forms and additional resources [12].

Verification of Citizenship or Lawful Immigration Status [13].

Most frequently asked questions [6] regarding Arizona residency.

Contact Us

University Registrar Services
Residency Classification
PO Box 870312
Tempe, AZ 85287-0312
Phone: 480-965-7712

Student Services Bldg., Rm 140
Monday – Friday, 8:00 a.m. – 5:00 p.m.

Email questions to: residency@asu.edu [14]
Email documents to: residencydocs@asu.edu [15]

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

Links:

- [1] <http://www.azregents.edu/board-committees/policy-manual>
- [2] <http://www.azleg.gov/ArizonaRevisedStatutes.asp?Title=15>
- [3] https://students.asu.edu/residency_DACA
- [4] <https://students.asu.edu/non-resident-tuition-rate-arizona-high-school-graduates>
- [5] https://students.asu.edu/residency_classification_guidelines
- [6] <https://students.asu.edu/faq/156>
- [7] <https://students.asu.edu/residency-reclassification>
- [8] <https://www.asu.edu/go/residencypetition>
- [9] <https://students.asu.edu/node/16827>
- [10] <https://students.asu.edu/residencyappeals>
- [11] <mailto:residency@asu.edu>
- [12] <https://students.asu.edu/residency-resources-and-forms>
- [13] <https://students.asu.edu/statusverification>
- [14] <mailto:residency@asu.edu?subject=Residency%20Question>
- [15] <mailto:residencydocs@asu.edu?subject=Residency%20Documentation>

Residency Info, Dates & Deadlines

Residency classification for tuition purposes at ASU is a benefit reserved for Arizona residents who have met the requirements as established by state law and the Arizona Board of Regents policy. There are no exceptions granted due to unusual circumstances or financial hardship. That is, it is not a scholarship or waiver.

Students who are classified as nonresident may petition for a review of residency through the Residency Classification Office. Any continuing student who has attended ASU as a non-resident must petition for residency.

It is the responsibility of the student to initiate the petition process. It is expected that students have researched, read, and thoroughly understand the residency requirements. **It is the responsibility of the student to be in compliance with all residency requirements, including the applicable state laws. Lack of knowledge of the applicable state laws will not excuse the requisite compliance.**

Students may submit a petition for residency according to the following schedule:

Term	Residency Petition Deadline Dates
Summer I 2008	April 1, 2008 - June 3, 2008
Summer II 2008	April 1, 2008 - July 8, 2008 <i>Cannot petition for Summer II if enrolled in Summer I session</i>
Fall 2008	April 1, 2008 - August 29, 2008
Winter 2008	TBA
Spring 2009	November 3, 2008 - January 23, 2009

The deadline dates listed above are firm. Per ABOR requirements, failure to submit a notarized petition by the deadline date constitutes a waiver of the right to petition for that term. Petitions received after the deadline will be denied. Appeals will not be accepted for petitions submitted after the deadline.

NOTE: Petitions will only be accepted for Summer II from students not enrolled in Summer I.

Processing time for a completed petition is 4-6 weeks. For petitioners wanting a residency decision prior to the fee payment deadline, it is suggested that the completed petition, with all required documents, be submitted at least 4 weeks prior to the deadline. A petition will not be considered complete until all requested documents have been submitted to the Residency Classification Office.

Due to the high volume of petitions that are received, processing may take significantly longer during peak times. Review can take 4-6 weeks. Contacting our office to ask about your file decreases the time available to our limited staff for processing paperwork. Please help our staff process files in a timely fashion by waiting until 6 weeks have passed before contacting us to inquire about the status of your paperwork.

Full payment of tuition is due by the fee payment deadline (please visit www.asu.edu/sbs [1] for information on tuition deadlines). Unpaid accounts will be assessed a nonrefundable fee of \$75 and placed on a Tuition Installment Plan. **No extensions of payment deadlines are granted on the basis of unresolved residency.** If a residency petition is in

process at the time of fee payment deadline, the student will be responsible for paying out-of-state fees. However, an appropriate refund will be issued if residency is granted. Residency reclassifications are not retroactive. Refunds are granted only for the semester which a student is currently petitioning and not for prior semesters.

Students are expected to be honest with all information presented in connection with the petition process, and by submitting a notarized petition, confirm that all information is true and complete.

Students who petition for reclassification subscribe and swear to the following statement:

"All statements, information, and evidence presented are true and complete. I understand that if I provide false information, if I make a material misrepresentation or omission in connection with my Petition for Change of Residency, or if I make any effort to fraudulently claim Arizona as my state of legal domicile, it will jeopardize my case for residency and subject me to disciplinary action, dismissal for the University...and may result in civil and criminal liability. I hereby grant permission for ASU representatives to verify any supporting evidence submitted with this petition."

Petitioners who have omitted, falsified, or misrepresented any information will be referred to Student Judicial Affairs for disciplinary action. Student Judicial Affairs [2].

Information Regarding Tuition Deadlines:

Please keep in mind that decisions for all petitions can take approximately 4-6 weeks from the date of submission. If you are submitting a petition within 4 weeks of the deadline date it is possible you will not have a decision prior to the start of the term.

Source URL: <https://students.asu.edu/content/residency-info-dates-deadlines>

Links:

[1] <http://www.asu.edu/sbs>

[2] <http://www.asu.edu/studentaffairs/studentlife/judicial/index.htm>

Residency for Deferred Action for Childhood Arrivals Students

On May 7, 2015, the Arizona Board of Regents announced that it would interpret board policies in accordance with the decision of the superior court in *State of Arizona v. Maricopa County Community College District Board*, that a recipient of Deferred Action for Childhood Arrivals (DACA) who meets Arizona law residency requirements is eligible for resident tuition. For purposes of implementation, this means:

- a. Effective May 7, 2015, DACA students are eligible to establish in-state residency in accordance with existing board policy, see ABOR 4-203 [1].
- b. DACA recipients have lawful presence, see DACA FAQs [2].
- c. As evidence of this lawful presence, universities may accept an Employment Authorization Document or an Arizona driver license issued after 1996 or an Arizona nonoperating identification license. Other documentation establishing that a student is a DACA recipient may also be considered.
- d. As with every student who applies for in-state residency status, evidence of residency status provided by the student is to be evaluated in light of the individual circumstances.

Students seeking consideration for classification as a resident for tuition purposes should submit to the Residency Classification Office:

- a completed Domicile Affidavit: online version [3] or paper version [4] (online only available to students admitted to ASU)
- a copy of your Employment Authorization Document (include a copy of your photo ID)

Additional documentation may be requested upon review of the domicile affidavit.

See also:

- In-State Tuition for DACA Students [5]
- The DACA Toolkit [6]
- TheDream.US Scholarship [7]

Contact Us

University Registrar Services
Residency Classification
PO Box 870312
Tempe, AZ 85287-0312
Phone: 480-965-7712

Student Services Bldg., Rm 140
Monday – Friday, 8:00 a.m. – 5:00 p.m.

Email questions to: residency@asu.edu [8]
Email documents to: residencydocs@asu.edu [9]

Source URL: <https://students.asu.edu/residency-DACA>

Links:

- [1] <http://azregents.asu.edu/rrc/Policy%20Manual/4-203-Requirements%20to%20be%20Considered%20in%20Determining%20an%20Individual%27s%20Residency%20Classification%20for%20Tuition%20Purposes.pdf>
- [2] <http://www.uscis.gov/humanitarian/consideration-deferred-action-childhood-arrivals-process/frequently-asked-questions>
- [3] <https://www.asu.edu/go/residencypetition>
- [4] http://students.asu.edu/files/domicile_affidavit_for_arizona_residency_classification_2015.pdf
- [5] <https://students.asu.edu/daca>
- [6] <http://www.uscis.gov/sites/default/files/USCIS/Humanitarian/Deferred%20Action%20for%20Childhood%20Arrivals/DACA-toolkit.pdf>
- [7] <http://thedream.us/>
- [8] <mailto:residency@asu.edu?subject=Residency%20Question>
- [9] <mailto:residencydocs@asu.edu?subject=Residency%20Documentation>

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 following conditions are met:
1. 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), and
 2. The student is lawfully present in Arizona.

- 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

1. Complete and submit the Non-Resident Tuition Rate for Arizona High School Graduates [1] application.
2. Review and complete (if needed) Verification of Citizenship or Lawful Immigration Status [2].
3. Submit copies of your Arizona high school transcript(s) or Arizona General Education Certificate (unless submitted previously). If your high school transcripts do not show that you were present in Arizona for at least 3 years, you will need to submit documentation supporting your claim of Arizona domicile during that time period.

Applications and supporting docs can be emailed to registrar@asu.edu [3] or delivered to any ASU Registrar location [4].

Residency Classification and Financial Aid

- Eligible students remain classified as non-residents. Visit Residency [5] for information about requesting reclassification.
- Changes to your tuition can affect financial aid awards. Contact Financial Aid [6] for questions about your aid.

Source URL: <https://students.asu.edu/non-resident-tuition-rate-arizona-high-school-graduates>

Links:

- [1] https://students.asu.edu/sites/default/files/application_for_non-resident_tuition_rate_for_arizona_high_school_graduates_updated_4-8-16.pdf
- [2] <https://students.asu.edu/statusverification>
- [3] <mailto:registrar@asu.edu?subject=Non-Resident%20Tuition%20Rate%20for%20Arizona%20High%20School%20Graduates>
- [4] <https://students.asu.edu/contact/office-university-registrar>
- [5] <https://students.asu.edu/residency>
- [6] <https://students.asu.edu/financialaid>

Verification of Citizenship or Lawful Immigration Status

Arizona law requires 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. Students that need to verify lawful immigration status are notified via **To Do** or **Hold** items in My ASU [1].

All students are advised to complete this requirement as early as possible using one of the options described below (F1/J1 International students should wait until after they arrive on campus). Processing time is approximately 2-3 business days from the date documentation is submitted.

Verification Process

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

The easiest (and preferred) method of verification for most students is the Free Application for Federal Student Aid (FAFSA). Students verified via the FAFSA do not need to provide any additional documentation. The My ASU task is cleared when Financial Aid and Scholarship Services **receives and accepts** your FAFSA (typically 5-7 days after the FAFSA is submitted to the US Department of Education). To ensure timely completion of this item, all students are encouraged to submit the FAFSA as early as possible (the priority filing date is March 1). This My ASU task is not cleared if the student's FAFSA is rejected by Financial Aid and Scholarship Services until corrections to the FAFSA are made.

Option 2: Submit Verification Documents [2]

If you are not verified through the FAFSA process then you will need to submit your documents online [3], by mail or email.

Email to: registrar@asu.edu [4]

Mail to:

Arizona State University
University Registrar Services
P.O. Box 870312
Tempe, AZ 85287-0312

If you submit your documents by email or mail you must include a signed copy of your Verification Form [5] along with a legible image of acceptable documentation.

If your status is not verified, you will be charged non-resident tuition. It is your responsibility to review your status and provide appropriate information in order to ensure your tuition status accurately reflects your standing.

If you have questions about the verification process or concerns about the ability to provide documentation, contact University Registrar Services at 480-965-3124 as soon as possible.

Acceptable Documents for Verifying Citizenship or Other Lawful Immigration Status

The following documentation may be accepted as evidence of citizenship, permanent residence, or lawful immigration status. This list represents the most common types of documents acceptable for verifying status. Contact University Registrar Services at 480-965-3124 for information about additional forms of documentation.

Acceptable Documents (Subject to Change)

- Current/valid Arizona Motor Vehicle Department Driver License/Identification Card (issued October 1, 1996 or later)
- Current/valid Driver's License, Instructor Permit or Non-Operator Identification card from a U.S. state (issued since 2000 or later). States for which licenses are not acceptable as a primary source of verification: Hawaii, Maryland, Massachusetts, Michigan, New Mexico, North Carolina, Oregon, Texas, Utah, and Washington, as these states do not verify lawful immigration status in the U.S.
- Bureau of Indian Affairs/Tribal identification card
- Signed U.S. Passport (current or expired) - unless stamped non-citizen national
- Signed Unexpired Foreign passport with U.S. Visa, with I-551 stamp or attached
- Signed Certificate of U.S. Citizenship (Form N-560 or N-561) issued by USCIS through a federal or state court or through administrative naturalization after December 1990
- Signed Certification of Naturalization (Form N-550 or N-570) issued by USCIS

- Permanent Resident Card with photograph (Form I-151) issued since 1997 or later
- Resident Alien Card (Form I-551) issued before 1997
- Alien Registration Receipt Card with photograph (Form I-551) issued prior to June 1978
- U.S. Military card or draft record
- U.S. Armed Forces Driver's License

Acceptable documents that may be used *if* submitted with a legible copy of a valid photo ID

- U.S. Military DD-214 documentation ID Card for active duty, reserve or retired
- Birth Certificate showing birth in the United States, which includes Puerto Rico (on or after January 13, 1941), Guam, the U.S. Virgin Islands (on or after January 17, 1917), American Samoa, Swains Island, or the Northern Mariana Islands, unless the person was born to foreign diplomats residing in the US
- Affidavit of birth
- Tribal Certificate of Indian Blood
- Consular Report of Birth Abroad (Form FS-240) Issued by State Department
- Certificate of Birth from Foreign Service Post (Form FS-545) Issued by State Department
- Certification of Report of Birth (Form DS-1350) Issued by State Department
- 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
- Voter's Registration Card
- Military dependent's ID card

Source URL: <https://students.asu.edu/statusverification>

Links:

- [1] <https://my.asu.edu/>
- [2] <https://students.asu.edu/forms/citizenshipstatus-verification-form>
- [3] <http://webforms.asu.edu/eform/submit/citizenship-verification>
- [4] <mailto:registrar@asu.edu?subject=Verification%20of%20Citizenship%2FLawful%20Presence%20>
- [5] <https://students.asu.edu/sites/default/files/citizenshipstatusverification12242014.pdf>

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.

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."

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.

How does Deferred Action for Childhood Arrivals (DACA) affect residency classification?

The Maricopa County Superior Court has ruled that a Deferred Action for Childhood Arrivals recipient who presents an Employment Authorization Document and who meets Arizona law residency requirements is eligible for resident tuition. (State of Arizona v. Maricopa County Community College District). The Arizona Board of Regents will interpret its policies in accordance with this ruling. This will allow DACA students with an Employment Authorization Document who meet the statutory and policy requirements for residency to establish in-state residency for tuition purposes at our Arizona universities. Additional information can found here [3].

Source URL: <https://students.asu.edu/faq/156>

Links:

[1] <https://students.asu.edu/residency>

[2] <mailto:residency@asu.edu>

[3] <https://students.asu.edu/residency-DACA>

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 [2]. Students who have more than 145 credit hours will be assessed the Undergraduate Excess Hours Tuition Surcharge.

Special Class, Hybrid, oCourse & iCourse Fees

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

Technology Fee

The Technology Fee 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].

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 [5] 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.

Recreation Fee

The Recreation Fee supports programs and services at the Sun Devil Fitness Centers. Funds are used to provide intramurals, student employment opportunities, a broad array of fitness classes and workshops, events and programs. For more information, click here [6].

Student Service Facility Fee

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. [7]

Student Programs Fee

The Student Programs fee provides funding for student programming initiatives. Managed by student government at each location, this fee is used to generate value added programming that supports ASU student needs and interests. This includes routine appropriations to clubs and organizations. For more information, click here [8].

Health and Wellness Fee

The Health and Wellness Fee supports the operation of ASU Health Services. Funding supports health education and promotion, primary care, acute emergency care services, travel medicine services, nutritional counseling and high demand specialty care. For more information, click here. [9]

Student Athletic Fee

The Student Athletic Fee provides cost free unlimited access to all regular season ASU sports, insures students have access to 25% of the seating in all athletic venues and insures that tuition revenue will only support core academic programs and services. For more information, click here [10].

Financial Aid Trust Fee

Student Financial Aid Trust grants are assistance provided in partnership between ASU students and the state legislature. 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. For more information, please visit the Financial Aid Trust Grant [11] website.

Resident Surcharge Fee

The Resident Surcharge Fee is a per semester fee assessed to resident students during the 2016/17 school year. The Resident Surcharge Fee will partially offset state budget reductions to maintain and achieve current academic goals and standards.

Source URL: <https://students.asu.edu/tuitiondescriptions>

Links:

- [1] <http://www.asu.edu/admissions/tuitionandfees/>
- [2] <https://students.asu.edu/tuitionsurcharge>
- [3] <https://www.asu.edu/go/classsearch/>
- [4] <https://eoss.asu.edu/technologyfee>
- [5] <https://students.asu.edu/tuitiondeadlines>
- [6] <https://eoss.asu.edu/recfee>
- [7] <https://eoss.asu.edu/facilityfee>
- [8] <https://eoss.asu.edu/studentprogramsfee>
- [9] <https://eoss.asu.edu/hwfee>
- [10] <https://eoss.asu.edu/athleticsfee>
- [11] <https://students.asu.edu/grants/trust>

Tuition Refund Policy

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.

- Tuition and fees are nonrefundable after the 100% refund period.
- All refunds are less any amounts owed to the university and are subject to payment holding periods.
- Withdrawal or cancellation occurs on the calendar day that withdrawal is requested either online or in person at a Registrar site.
- The university provides a prorated refund for students receiving financial aid based on the date of the withdrawal.

Fall and Spring Semester Classes

- The 100% refund period extends through the first two weeks of the semester for regular semester classes (Session C) and sessions eight weeks or longer.
- The 100% refund period is one week for sessions shorter than eight weeks (Sessions A & B) and for dynamically dated classes.
- For classes that begin prior to the first day of the regular semester, the applicable 100% refund period begins on the class start date not the semester start date.

Summer Session Classes

- The 100% refund period is the first five days of the applicable summer session. This includes Sessions A, B, C and dynamically dated classes.
- For classes that begin prior to the first day of the regular semester, the applicable 100% refund period begins on the class start date not the semester start date.

Students are required to pay tuition and fees owed for enrollment cancellations that occur after the refund period.

Medical or Compassionate Withdrawals

Students withdrawing for medical circumstances or other extenuating circumstances must contact their college to initiate the process. Approved medical or compassionate withdrawals [1] are eligible for up to an 80% refund of tuition if approved within two years of the end of the semester. No tuition refund is provided thereafter.

For specific semester or session deadlines, please refer to Tuition Dates and Deadlines [2].

Source URL: <https://students.asu.edu/tuitionrefundpolicy>

Links:

[1] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>

[2] <https://students.asu.edu/tuitiondeadlines>

Tuition and Fee Schedules

To view current year tuition and fees, please visit the Tuition and Cost Calculator [1].

To view historical information about tuition and fees, please visit Tuition and Fees Schedule [2].

All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

Tuition charges will be billed on your student account and may be viewed online through My ASU [3] after registration. See Billing [4] for information on how to pay your tuition and fees.

ASU Payment Plan

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 [5] and charged a nonrefundable enrollment fee.

Leaving ASU

By registering for classes, you agree to pay all applicable tuition and registration fees. If you plan to leave the university, you must officially withdraw to cancel registration before the refund deadline. Refund deadlines are available on

the Important Dates [6] calendar. Please ensure that you have dropped or withdrawn from all classes during the 100 percent refund period or you will be responsible for the tuition charges. See the Tuition Refund Policy [7].

IRS Form 1098-T

Arizona State University prepares an IRS form 1098-T, Tuition Tax Statement each calendar year. IRS form 1098-T reports amounts billed to you for qualified tuition and may assist you in the preparation of your tax return with regards to education tax benefits you may be eligible to claim. Read more about the IRS form 1098-T [8].

Source URL: <https://students.asu.edu/tuitionandfees>

Links:

- [1] <https://students.asu.edu/costs>
- [2] <http://catalog.asu.edu/tuitionandfees>
- [3] <http://my.asu.edu/>
- [4] <https://students.asu.edu/tuitionandbilling>
- [5] <https://students-qa.asu.edu/paymentplan>
- [6] <https://students.asu.edu/tuitiondeadlines>
- [7] <https://students.asu.edu/tuitionrefundpolicy>
- [8] <https://students.asu.edu/form1098t>

Per Semester Tuition and Fees

All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

Program Specific Tuition and Fees

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

Source URL: https://catalog.asu.edu/tuitionandfees/fees_fall2016

Links:

- [1] <https://students.asu.edu/costs>

**General Tuition & Fees Undergraduate Degree Program
All Campuses**

RESIDENT	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	\$692	\$1,384	\$2,076	\$2,768	\$3,460	\$4,152	\$4,842
Resident Surcharge	19	38	57	76	95	114	135
Technology Fee	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75
Student Athletics Fee	37	37	37	37	37	37	75
Student Programs Fee	15	15	15	15	15	15	30
Health & Wellness Fee	20	20	20	20	20	20	40
Financial Aid Trust	24	24	24	24	24	24	48
Recreation Fee	12	12	12	12	12	12	25
Total Undergraduate Resident Tuition & Fees <small>(1) (2) (3) (4) (5)</small>	\$906	\$1,617	\$2,328	\$3,039	\$3,750	\$4,461	\$5,320

NON-RESIDENT	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	\$1,074	\$2,148	\$3,222	\$4,296	\$5,370	\$6,444	\$7,518	\$8,592	\$9,666	\$10,740	\$11,814	\$12,892

Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate Non-Resident Tuition & Fees^{(1) (2) (3) (4) (5)}	\$1,269	\$2,343	\$3,417	\$4,491	\$5,565	\$6,639	\$7,861	\$8,935	\$10,009	\$11,083	\$12,157	\$13,235

INTERNATIONAL	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	\$1,149	\$2,298	\$3,447	\$4,596	\$5,745	\$6,894	\$8,043	\$9,192	\$10,341	\$11,490	\$12,639	\$13,792
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48

Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate International Tuition & Fees ^{(1)(2) (3) (4) (5)}	\$1,344	\$2,493	\$3,642	\$4,791	\$5,940	\$7,089	\$8,386	\$9,535	\$10,684	\$11,833	\$12,982	\$14,135

⁽¹⁾ Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

⁽²⁾ 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 \$138 per credit hour up to a maximum of \$966 for enrollment in 7 or more hours. For nonresident students, the excess hours' tuition is \$215 per credit hour up to a maximum of \$2,580 for enrollment in 12 or more credit hours. See students.asu.edu/tuitionandfees [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽³⁾ Students admitted to Barrett, the Honors College are assessed a \$750 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽⁴⁾ All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

⁽⁵⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <https://students.asu.edu/tuitionandfees>

General Tuition & Fees Undergraduate Degree Program

Online Campus

RESIDENT	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Undergraduate Online Tuition	\$500	\$1,000	\$1,500	\$2,000	\$2,500	\$3,000	\$3,500	\$4,000	\$4,500	\$5,000	\$5,500	\$6,000	\$6,500	\$7,000	\$7,500	\$8,000	\$8,500	\$9,000
Technology Fee ⁽⁴⁾	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Student Programs Fee ⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Student Service Facility Fee ⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Student Athletics Fee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health & Wellness Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial Aid Trust⁽⁴⁾	24	24	24	24	24	24	48	48	48	48	48	48	48	48	48	48	48	48	48
Recreation Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Resident Undergraduate Online Tuition & Fees^{(1) (2) (3) (4) (5) (6) (7) (8)}	\$574	\$1,074	\$1,574	\$2,074	\$2,574	\$3,074	\$3,598	\$4,098	\$4,598	\$5,098	\$5,598	\$6,098	\$6,598	\$7,098	\$7,598	\$8,098	\$8,598	\$9,098	

NON-RESIDENT	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Undergraduate Online Tuition	\$500	\$1,000	\$1,500	\$2,000	\$2,500	\$3,000	\$3,500	\$4,000	\$4,500	\$5,000	\$5,500	\$6,000	\$6,500	\$7,000	\$7,500	\$8,000	\$8,500	\$9,000
Technology Fee⁽⁴⁾	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Student Programs Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Student Service Facility Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Student Athletics Fee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health & Wellness Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial Aid Trust⁽⁴⁾	24	24	24	24	24	24	48	48	48	48	48	48	48	48	48	48	48	48
Recreation Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Non-Resident Undergraduate Online Tuition & Fees ^{(1) (2) (3) (4) (5) (6) (7) (8)}	\$574	\$1,074	\$1,574	\$2,074	\$2,574	\$3,074	\$3,598	\$4,098	\$4,598	\$5,098	\$5,598	\$6,098	\$6,598	\$7,098	\$7,598	\$8,098	\$8,598	\$9,098
--	-------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

(1) Students admitted to an Online campus program are not billed the student programs fee, student service facility fee, athletics fee, health and wellness fee, or recreation fee.

(2) Online tuition is billed per credit hour with no cap. The rates presented above are per session and if more than 18 credit hours are taken in a session, tuition will be greater. To calculate the increase in tuition, add the tuition cost per hour for each additional hour taken to the tuition and fees total for 18 hours.

(3) Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

(4) Mandatory fees are billed per session but are not to exceed the seven hour rate in a term.

(5) 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 \$138 per credit hour up to a maximum of \$966 for enrollment in 7 or more hours. For nonresident students, the excess hours' tuition is \$215 per credit hour up to a maximum of \$2,580 for enrollment in 12 or more credit hours. For more information about the Tuition Commitment and the Commitment Period please refer to students.asu.edu/tuitionandfees [1].

(6) Students admitted to Barrett, the Honors College are assessed a \$750 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(7) All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

(8) Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <https://students.asu.edu/tuitionandfees>

General Tuition & Fees
The Polytechnic School, Freshmen and Sophomores*
Undergraduate Degree Program

RESIDENT Freshmen and Sophomores	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	\$623	\$1,246	\$1,869	\$2,492	\$3,115	\$3,738	\$4,358
Resident Surcharge	19	38	57	76	95	114	135
Technology Fee	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75
Student Athletics Fee	37	37	37	37	37	37	75
Student Programs Fee	15	15	15	15	15	15	30
Health & Wellness Fee	20	20	20	20	20	20	40
Financial Aid Trust	24	24	24	24	24	24	48
Recreation Fee	12	12	12	12	12	12	25
Total Undergraduate Resident Tuition & Fees <small>(1) (2) (3) (4) (5)</small>	\$837	\$1,479	\$2,121	\$2,763	\$3,405	\$4,047	\$4,836

NON-RESIDENT Freshmen and Sophomores	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	\$967	\$1,934	\$2,901	\$3,868	\$4,835	\$5,802	\$6,769	\$7,736	\$8,703	\$9,670	\$10,637	\$11,603
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate Non-Resident Tuition & Fees ^{(1) (2) (3) (4) (5)}	\$1,162	\$2,129	\$3,096	\$4,063	\$5,030	\$5,997	\$7,112	\$8,079	\$9,046	\$10,013	\$10,980	\$11,946

INTERNATIONAL Freshmen and Sophomores	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	\$1,042	\$2,084	\$3,126	\$4,168	\$5,210	\$6,252	\$7,294	\$8,336	\$9,378	\$10,420	\$11,462	\$12,503
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50

Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate International Tuition & Fees ^{(1) (2) (3) (4) (5)}	\$1,237	\$2,279	\$3,321	\$4,363	\$5,405	\$6,447	\$7,637	\$8,679	\$9,721	\$10,763	\$11,805	\$12,846

*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⁾ Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

⁽²⁾ 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 \$138 per credit hour up to a maximum of \$966 for enrollment in 7 or more hours. For nonresident students, the excess hours' tuition is \$215 per credit hour up to a maximum of \$2,580 for enrollment in 12 or more credit hours. See students.asu.edu/tuitionandfees [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽³⁾ Students admitted to Barrett, the Honors College are assessed a \$750 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽⁴⁾ All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, fee amounts billed for any period may be adjusted at a future date.

⁽⁵⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <https://students.asu.edu/tuitionandfees>

General Tuition & Fees
New College of Interdisciplinary Arts and Sciences
Freshmen and Sophomores*
Undergraduate Degree Program

RESIDENT Freshmen and Sophomores	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	\$623	\$1,246	\$1,869	\$2,492	\$3,115	\$3,738	\$4,358
Resident Surcharge	19	38	57	76	95	114	135
Technology Fee	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75
Student Athletics Fee	37	37	37	37	37	37	75
Student Programs Fee	15	15	15	15	15	15	30
Health & Wellness Fee	20	20	20	20	20	20	40
Financial Aid Trust	24	24	24	24	24	24	48
Recreation Fee	12	12	12	12	12	12	25
Total Undergraduate Resident Tuition & Fees <small>(1) (2) (3) (4) (5)</small>	\$837	\$1,479	\$2,121	\$2,763	\$3,405	\$4,047	\$4,836

NON- RESIDENT Freshmen and Sophomores	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	\$967	\$1,934	\$2,901	\$3,868	\$4,835	\$5,802	\$6,769	\$7,736	\$8,703	\$9,670	\$10,637	\$11,603
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate Non-Resident Tuition & Fees ^{(1) (2) (3) (4) (5)}	\$1,162	\$2,129	\$3,096	\$4,063	\$5,030	\$5,997	\$7,112	\$8,079	\$9,046	\$10,013	\$10,980	\$11,946

INTERNATIONAL Freshmen and Sophomores	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	\$1,042	\$2,084	\$3,126	\$4,168	\$5,210	\$6,252	\$7,294	\$8,336	\$9,378	\$10,420	\$11,462	\$12,503
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50

Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate International Tuition & Fees ^{(1) (2) (3) (4) (5)}	\$1,237	\$2,279	\$3,321	\$4,363	\$5,405	\$6,447	\$7,637	\$8,679	\$9,721	\$10,763	\$11,805	\$12,846

*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⁾ Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

⁽²⁾ 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 \$138 per credit hour up to a maximum of \$966 for enrollment in 7 or more hours. For nonresident students, the excess hours' tuition is \$215 per credit hour up to a maximum of \$2,580 for enrollment in 12 or more credit hours. See students.asu.edu/tuitionandfees [1] for additional information regarding the Undergraduate Excess Hours Tuition.

⁽³⁾ Students admitted to Barrett, the Honors College are assessed a \$750 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽⁴⁾ All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, fee amounts billed for any period may be adjusted at a future date.

⁽⁵⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <https://students.asu.edu/tuitionandfees>

General Tuition & Fees Undergraduate Degree Program

ASU Community College Based Programs

	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Undergraduate Tuition	\$358	\$616	\$875	\$1,133	\$1,391	\$1,650	\$1,908	\$2,166	\$2,425	\$2,683	\$2,908	\$2,908
Resident Surcharge	19	38	57	76	95	114	135	135	135	135	135	135
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee ⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0
Student Athletics Fee	0	0	0	0	0	0	0	0	0	0	0	0
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0
Total Undergraduate Tuition & Fees⁽²⁾ <small>(3) (4) (5) (6)</small>	\$466	\$743	\$1,021	\$1,298	\$1,575	\$1,853	\$2,171	\$2,429	\$2,688	\$2,946	\$3,171	\$3,171

(1) Students admitted to Eastern Arizona College are not billed the student service facility fee, athletics fee, health and wellness fee, or recreation fee.

(2) Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

(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 resident students, the excess hours' tuition is \$138 per credit hour up to a maximum of \$966 for enrollment in 7 or more hours. For nonresident students, the excess hours' tuition is \$215 per credit hour up to a maximum of \$2,580 for enrollment in 12 or more credit hours. See students.asu.edu/tuitionandfees [1] for additional information regarding the Undergraduate Excess Hours Tuition.

(4) Students admitted to Barrett, the Honors College are assessed a \$750 honors fee each fall and spring semester in addition to the tuition and fees presented above.

(5) All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

(6) Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <https://students.asu.edu/tuitionandfees>

General Tuition & Fees Undergraduate Non-Degree Program All Campuses

RESIDENT	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Undergraduate Tuition	\$692	\$1,384	\$2,076	\$2,768	\$3,460	\$4,152	\$4,842
Resident Surcharge	19	38	57	76	95	114	135
Technology Fee	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75
Student Athletics Fee	37	37	37	37	37	37	75
Student Programs Fee	15	15	15	15	15	15	30
Health & Wellness Fee	20	20	20	20	20	20	40
Financial Aid Trust	24	24	24	24	24	24	48
Recreation Fee	12	12	12	12	12	12	25
Total Undergraduate Resident Tuition & Fees <small>(1) (2) (3) (4) (5)</small>	\$906	\$1,617	\$2,328	\$3,039	\$3,750	\$4,461	\$5,320

NON-RESIDENT	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Undergraduate Tuition	\$1,074	\$2,148	\$3,222	\$4,296	\$5,370	\$6,444	\$7,518	\$8,592	\$9,666	\$10,740	\$11,814	\$12,892
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate Non-Resident Tuition & Fees^{(1) (2) (3) (4) (5)}	\$1,269	\$2,343	\$3,417	\$4,491	\$5,565	\$6,639	\$7,861	\$8,935	\$10,009	\$11,083	\$12,157	\$13,235

INTERNATIONAL	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Undergraduate Tuition	\$1,149	\$2,298	\$3,447	\$4,596	\$5,745	\$6,894	\$8,043	\$9,192	\$10,341	\$11,490	\$12,639	\$13,788
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75

Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	15	15	15	15	15	15	30	30	30	30	30	30
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Undergraduate International Tuition & Fees ^{(1)(2) (3) (4) (5)}	\$1,344	\$2,493	\$3,642	\$4,791	\$5,940	\$7,089	\$8,386	\$9,535	\$10,684	\$11,833	\$12,982	\$14,131

⁽¹⁾ Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

⁽²⁾ 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 \$138 per credit hour up to a maximum of \$966 for enrollment in 7 or more hours. For nonresident students, the excess hours' tuition is \$215 per credit hour up to a maximum of \$2,580 for enrollment in 12 or more credit hours. See students.asu.edu/tuitionandfees for additional information regarding the Undergraduate Excess Hours Tuition.

⁽³⁾ Students admitted to Barrett, the Honors College are assessed a \$750 honors fee each fall and spring semester in addition to the tuition and fees presented above.

⁽⁴⁾ All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

⁽⁵⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

Links:

[1] <https://students.asu.edu/tuitionandfees>

General Tuition & Fees Graduate

RESIDENT	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Graduate Tuition	\$772	\$1,544	\$2,316	\$3,088	\$3,860	\$4,632	\$5,405
Resident Surcharge	19	38	57	76	95	114	135
Technology Fee	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75
Student Athletics Fee	37	37	37	37	37	37	75
Student Programs Fee	35	35	35	35	35	35	35
Health & Wellness Fee	20	20	20	20	20	20	40
Financial Aid Trust	24	24	24	24	24	24	48
Recreation Fee	12	12	12	12	12	12	25
Total Graduate Resident Tuition & Fees <small>(1) (2) (3)</small>	\$1,006	\$1,797	\$2,588	\$3,379	\$4,170	\$4,961	\$5,888

NON-RESIDENT	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Domestic Graduate Tuition	\$1,174	\$2,348	\$3,522	\$4,696	\$5,870	\$7,044	\$8,218	\$9,392	\$10,566	\$11,740	\$12,914	\$14,093
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	35	35	35	35	35	35	35	35	35	35	35	35
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Graduate Non-Resident Tuition & Fees ^{(1) (2)(3)}	\$1,389	\$2,563	\$3,737	\$4,911	\$6,085	\$7,259	\$8,566	\$9,740	\$10,914	\$12,088	\$13,262	\$14,441

INTERNATIONAL	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Graduate Tuition	\$1,249	\$2,498	\$3,747	\$4,996	\$6,245	\$7,494	\$8,743	\$9,992	\$11,241	\$12,490	\$13,739	\$14,993
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75

Student Athletics Fee	37	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	35	35	35	35	35	35	35	35	35	35	35	35	35
Health & Wellness Fee	20	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	12	25	25	25	25	25	25
Total Graduate International Tuition & Fees ^{(1)(2) (3)}	\$1,464	\$2,713	\$3,962	\$5,211	\$6,460	\$7,709	\$9,091	\$10,340	\$11,589	\$12,838	\$14,087	\$15,341	

⁽¹⁾ Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

⁽²⁾ All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, fee amounts billed for any period may be adjusted at a future date.

⁽³⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

General Tuition & Fees Graduate & Post-Baccalaureate Online Campus

RESIDENT	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Resident Graduate Online Tuition	\$502	\$1,004	\$1,506	\$2,008	\$2,510	\$3,012	\$3,514	\$4,016	\$4,518	\$5,020	\$5,522	\$6,024	\$6,526	\$7,028	\$7,530	\$8,032	\$8,534	\$9,036
Technology Fee ⁽⁴⁾	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Student Programs Fee ⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Student Service Facility Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Student Athletics Fee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health & Wellness Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial Aid Trust⁽⁴⁾	24	24	24	24	24	24	48	48	48	48	48	48	48	48	48	48	48	48	48
Recreation Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Graduate Resident Online Tuition & Fees^{(1) (2) (3) (4) (5) (6)}	\$576	\$1,078	\$1,580	\$2,082	\$2,584	\$3,086	\$3,612	\$4,114	\$4,616	\$5,118	\$5,620	\$6,122	\$6,624	\$7,126	\$7,628	\$8,130	\$8,632	\$9,134	

NON-RESIDENT	ENROLLED HOURS																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Non-Resident Graduate Online Tuition	\$502	\$1,004	\$1,506	\$2,008	\$2,510	\$3,012	\$3,514	\$4,016	\$4,518	\$5,020	\$5,522	\$6,024	\$6,526	\$7,028	\$7,530	\$8,032	\$8,534	\$9,036
Technology Fee⁽⁴⁾	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Student Programs Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Student Service Facility Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Student Athletics Fee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health & Wellness Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Financial Aid Trust⁽⁴⁾	24	24	24	24	24	24	48	48	48	48	48	48	48	48	48	48	48	48
Recreation Fee⁽¹⁾	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Graduate Non-Resident Online Tuition & Fees ^{(1) (2) (3) (4) (5) (6)}	\$576	\$1,078	\$1,580	\$2,082	\$2,584	\$3,086	\$3,612	\$4,114	\$4,616	\$5,118	\$5,620	\$6,122	\$6,624	\$7,126	\$7,628	\$8,130	\$8,632	\$9,134
---	-------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

(1) Students admitted to an Online campus program are not billed the student programs fee, student service facility fee, athletics fee, health and wellness fee, or recreation fee.

(2) Online tuition is billed per credit hour with no cap. The rates presented above are per session and if more than 18 credit hours are taken in a session, tuition will be greater. To calculate the increase in tuition, add the tuition cost per hour for each additional hour taken to the tuition and fees total for 18 hours.

(3) Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

(4) Mandatory fees are billed per session but are not to exceed the seven hour rate in a term.

(5) All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, please note that fee amounts billed for any period may be adjusted at a future date.

(6) Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>

General Tuition & Fees Post-Baccalaureate Non-Degree Graduate

RESIDENT	ENROLLED HOURS						
	1	2	3	4	5	6	7 & Over
Resident Graduate Tuition	\$772	\$1,544	\$2,316	\$3,088	\$3,860	\$4,632	\$5,405
Resident Surcharge	19	38	57	76	95	114	135
Technology Fee	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75
Student Athletics Fee	37	37	37	37	37	37	75
Student Programs Fee	35	35	35	35	35	35	35

Health & Wellness Fee	20	20	20	20	20	20	40
Financial Aid Trust	24	24	24	24	24	24	48
Recreation Fee	12	12	12	12	12	12	25
Total Graduate Resident Tuition & Fees ^{(1) (2) (3)}	\$1,006	\$1,797	\$2,588	\$3,379	\$4,170	\$4,961	\$5,888

NON-RESIDENT	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
Non-Resident Graduate Tuition	\$1,174	\$2,348	\$3,522	\$4,696	\$5,870	\$7,044	\$8,218	\$9,392	\$10,566	\$11,740	\$12,914	\$14,093
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	35	35	35	35	35	35	35	35	35	35	35	35
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Graduate Non-Resident Tuition & Fees ^{(1) (2)(3)}	\$1,389	\$2,563	\$3,737	\$4,911	\$6,085	\$7,259	\$8,566	\$9,740	\$10,914	\$12,088	\$13,262	\$14,441

INTERNATIONAL	ENROLLED HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12 & Over
International Graduate Tuition	\$1,249	\$2,498	\$3,747	\$4,996	\$6,245	\$7,494	\$8,743	\$9,992	\$11,241	\$12,490	\$13,739	\$14,993
Technology Fee	50	50	50	50	50	50	50	50	50	50	50	50
Student Service Facility Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Athletics Fee	37	37	37	37	37	37	75	75	75	75	75	75
Student Programs Fee	35	35	35	35	35	35	35	35	35	35	35	35
Health & Wellness Fee	20	20	20	20	20	20	40	40	40	40	40	40
Financial Aid Trust	24	24	24	24	24	24	48	48	48	48	48	48
Recreation Fee	12	12	12	12	12	12	25	25	25	25	25	25
Total Graduate International Tuition & Fees ^{(1)(2) (3)}	\$1,464	\$2,713	\$3,962	\$5,211	\$6,460	\$7,709	\$9,091	\$10,340	\$11,589	\$12,838	\$14,087	\$15,341

⁽¹⁾ Music Fees & Special Class Fees are dependent on specific class enrollment and are not included here. Fees are available online through Class Search.

⁽²⁾ All amounts shown in the Tuition and Fees Schedules or in other 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. Finally, fee amounts billed for any period may be adjusted at a future date.

⁽³⁾ Certain graduate and undergraduate programs are assessed differential tuition or program fees, depending on the college and/or program. Use the Tuition and Cost of Attendance Estimator to review program specific tuition and fees.

Source URL: <https://catalog.asu.edu/tuitionandfees>



Registration & Tuition Payment Guide

Fall 2016

**Distributed by:
University Registrar Services**

Revised 04/12/2016

Table of Contents

Admission/Readmission	5	Parking Permits	18
Admission Application Fees	11	Personal Checks	12
Advising	7	Placements Exams	9
Arizona Students' Association (ASA) Fee	15	Registration Locations	6
ASU Statement on Drug-Free Schools & Campuses	25-27	Registration/Enrollment General Information	5-10
Campus Maps	18	Residency Classification	12
Credit Card Payments	12	Returned Checks	16
Delinquent Financial Obligations	16	Shuttle Services	18
Directory of Campus Resources	24	Sponsorship by Approved Governmental & 3rd Party Agencies	14
Disability Accommodations	23	Student Account Refunds (Disbursement)	17
Discrimination Complaints	22	Student Health Insurance	16-17
Drop/Add	6	Student Identification (Pitchfork Card and Sun Card)	10
eCheck Payments	11	Student Recreation Fee	16
Employee Reduced In-State Tuition	14-15	Student Right to Know Act (SRTK)	28
Facts About ASU	28	Title IX Compliance	22-23
Family Educational Rights & Privacy Act (FERPA)	20-22	Transportation Options	18
Financial Aid	13	Tuition & Fees	11-17
Financial Aid Trust Fee	15	Tuition Installment Plan	13
Financial Assistance Withdrawal Policy	8	Tuition Payment Hours	14
Higher Learning Commission (HLC)	28	Tuition Payment with Financial Aid	13
Institutional Refund Policy	17	University Policies	20-23
Instructor-Initiated Drop Option	7	University Testing Requirements	8-9
Late Registration Fees	16	Veterans Educational Benefits	10
Measles Immunization Policy	6-7	Visitor Parking	18
Military Withdrawal	8	Withdrawal Policy	7-8
Ombudspersons	19		

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 Tuition Installment Plan and assessed a non-refundable \$100 resident/\$200 non-resident enrollment fee. **See page 13 for more information.**

Semester Calendar - Fall 2016

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 8/18/2016–Friday 10/7/2016
Session B: Wednesday 10/12/2016–Friday 12/2/2016
Session C: Thursday 8/18/2016–Friday 12/2/2016 (Final exams 12/5/2016–12/10/2016)

Schedule of Classes Available	February 22, 2016		
Registration and Tuition Guide Available	February 22, 2016		
Registration Dates Begin	February 25, 2016		
\$50.00 Late Registration Fee Begins (does not apply to ASU Online students)	Session A August 10, 2016	Session B October 4, 2016	Session C August 10, 2016
Suggested Postmark to Meet Tuition/Fee Payment Deadline	August 11, 2016		
Classes Begin	Session A August 18, 2016	Session B October 12, 2016	Session C August 18, 2016
Residency Classification Petition Deadline	August 24, 2016		
Last day to register or drop/add without college approval	Session A August 19, 2016	Session B October 13, 2016	Session C August 24, 2016
<u>Tuition & Fees 100% Refund Deadline</u> – For more information see http://students.asu.edu/tuitionrefundpolicy	Session A August 24, 2016	Session B October 18, 2016	Session C August 31, 2016
<u>Tuition Fee Payment Deadline</u> —For registration through August 18, 2016. For more information see http://students.asu.edu/tuitiondeadlines	August 25, 2016		
Labor Day Holiday Observed—University Closed	September 5, 2016		
University 21 st Day	Session A September 7, 2016	Session B November 1, 2016	Session C September 7, 2016
Deadline to Apply for Graduation	October 3, 2016		
Academic Status Report #1	Session A Aug 30-Sept 1, 2016	Session B October 24-26, 2016	Session C Sept 26-Oct 3, 2016
<u>Tuition Fee Payment Deadline</u> —For registration from 8/19/16 through 9/18/16. For more information see http://students.asu.edu/tuitiondeadlines	September 25, 2016		
Academic Status Report #2	Session A N/A	Session B N/A	Session C October 20-27, 2016
<u>Tuition Fee Payment Deadline</u> —For registration from 9/19/16 through 10/18/16. For more information see http://students.asu.edu/tuitiondeadlines	October 25, 2016		

Semester Calendar (continued) - Fall 2016

Session A: Thursday, 8/18/2016—Friday, 10/7/2016 Session B: Wednesday, 10/12/2016—Friday 12/2/2016 Session C: Thursday, 8/18/2016—Friday 12/2/2016 (Final exams 12/5/2016—12/10/2016)			
<u>Course Withdrawal Deadline</u>	Session A September 7, 2016	Session B November 1, 2016	Session C November 2, 2016
Veteran's Day Observed—University Closed	November 11, 2016		
Thanksgiving Observed—University Closed	November 24-25, 2016		
<u>Complete Session Withdrawal Deadline</u> 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, 2016	Session B December 2, 2016	Session C December 2, 2016
Classes End/ Last Day to Process Transactions	Session A October 7, 2016	Session B December 2, 2016	Session C December 2, 2016
Study Days	Session A N/A	Session B N/A	Session C December 3-4, 2016
Final Exams	Session A Last day of classes	Session B Last day of classes	Session C December 5-10, 2016
Final Grades Due	Session A October 10, 2016	Session B December 5-12, 2016	Session C December 5-12, 2016
Commencement Ceremony - Graduate and Undergraduate http://graduation.asu.edu	December 12, 2016		
Degree Conferral Date	December 12, 2016		
Grade Replacement/Academic Standing Processing	December 13-14, 2016		
Holiday Break—University Closed	December 26-27, 2016		

* See Residential Life for designated move in dates.

** Late Registration fee of \$50 assessed.

*** Classes start on Thursday 8/18/2016 in order to fully comply with ABOR contract hour requirements

Admission and Registration

Admission/Readmission

Undergraduate admission/readmission:

students.asu.edu/admission

Graduate admission/readmission:

students.asu.edu/graduate

Law College:

law.asu.edu

Students who are required to be advised must do so before submitting a registration request. Non-degree undergraduate students may not enroll for more than eight semester hours. Students who have been previously enrolled in a degree program at ASU are not permitted to attend in non-degree status.

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 Tuition Installment Plan and assessed a non-refundable \$100 resident/\$200 non-resident enrollment fee.

*Students may register for Fall 2016, February 25, 2016 through August 19, 2016 for Session A, August 24, 2016 for session C, and October 13, 2016 for Session B. However, a \$50 late registration fee is charged beginning TBD, 2016 for Session's A and C and TBD, 2016 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 2016 semester. Students should log into My ASU 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 My ASU (my.asu.edu). The Fall 2016 Schedule of Classes is available February 22, 2016.

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 his/her 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			
<p>Offices are closed in observance of the following holidays:</p> <p>Labor Day—September 5, 2016 Veterans Day—November 11, 2016 Thanksgiving—November 24-25, 2016 Holiday Break—December 26-27, 2016</p>			

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.

Measles Immunization Policy

Arizona State University requires new freshman, transfer, and graduate students to submit proof of two doses of MMR—Measles (rubeola), Mumps and Rubella (German Measles). This is a mandatory requirement for all college students born on or after January 1, 1957. You will not be permitted to register, add, or drop classes without having met this requirement. If you cannot locate your documentation, the MMR vaccinations and lab test are available for a minimal fee at ASU Health Service.

One of the following may be used as documentation:

- Documentation of two MMR vaccines with the first at around 12 months or older and the second vaccination at least 28 days apart.

Registration, cont.

Measles Immunization Policy, Cont.

- Documentation by a physician of having had Rubeola, Mumps and Rubella diseases.
- Documentation of a positive lab test showing immunity to **RUBEOLA IgG (Measles=Hard measles/10 day measles)**.

When submitting your documentation, please include the cover page that can be found at <https://eoss.asu.edu/health/immunization>

Mail, Fax or Email to:

IMMUNIZATION DEPARTMENT **FAX#:** 480-965-8914
 ASU Health Service **Phone#:** 480-965-8177
 Arizona State University **Email:** measles@asu.edu
 P.O Box 872104
 Tempe, AZ 85287-2104

Advising

Admitted undergraduate students who have declared a major should contact an academic advisor in the college or school of their major for advising and for assistance in determining the catalog under which they will graduate. Exploratory/undeclared students should contact the College of Letters & Sciences for academic advising. Many programs require academic advisement prior to registration for classes.

Students may visit MyASU to learn their current academic advising office assignment. 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

overrides. 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, 2016 for Session A, November 1, 2016 for Session B and November 2, 2016 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

Registration, cont.

any semester. A grade of “W” is awarded for each class from which the student withdraws. The complete withdrawal deadline is October 7, 2016 for Session A, and December 2, 2016 for Sessions B and C. Beginning the first date of the semester, undergraduate students are required to request a complete withdrawal in person. 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.

Military Withdrawal

To completely withdraw due to military activation, immediately contact Veterans Services in the Pat Tillman Veterans Center. For all campuses, call the Military Advocate at 480-965-5874 to determine whether the call to active duty qualifies for the “Military Activation” policy. For example, students reporting to “boot camp” or required training 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, your financial aid must be recalculated, and this may result in a balance owed to ASU.

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 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. Title IV funds include the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant (FSEOG), the Federal Perkins Loan, the Leveraging Educational Assistance Partnership (LEAP), the Academic Competitiveness Grant (ACG), the Science and Mathematics Access to Retain Talent Grant (SMART), 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.
- Receive a score of 4 or 5 for the advanced placement examination in English offered by the College Entrance Examination Board and have scores submitted to ASU.
- 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 WAC101, WAC107, ENG101, ENG102, ENG105, ENG107, or ENG108 at ASU. If the course was taken at ASU before 1980, contact the Records and Enrollment Services Office in SSV140 or 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.

Registration, cont.

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.

Placement Exams

A. First-Year Composition

Placement in First-Year Composition courses (WAC101 or WAC107 followed by ENG101 or ENG107 the next semester, or ENG101, ENG105, or ENG 107) is determined by the score earned on the ACT English, SAT Verbal Exam, Accuplacer, TOEFL, IELTS, or PTEA exam. Multilingual students are not required to take multilingual sections of first-year composition courses (WAC107, ENG107, and ENG108). They have the option of taking mainstream composition courses (WAC101, ENG101, and ENG102). If students enter the university without taking an acceptable placement exam, the Accuplacer may be taken once 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 to make an appointment. Placement in First-Year Composition will be determined as follows:

Multilingual students who have taken the IELTS or PTEA exam should contact the Writing Programs Office at writingprograms@asu.edu or 480-965-3853 for assistance with registration.

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 assess-

Exam Score:	Register For:
SAT Verbal 460 and below	WAC101 or WAC107
ACT English 18 and below	WAC101 or WAC107
TOEFL 550PBT / 213CBT / 79iBT and below	WAC107
IELTS 6.0 and below	WAC 107
PTEA 56 and below	WAC 107
SAT Verbal 470-610	ENG101 or ENG107
ACT English 19-25	ENG101 or ENG107
TOEFL 560PBT / 220CBT / 83iBT and above	ENG101 or ENG107
IELTS 6.5 and above	ENG 107
PTEA 56 and above	ENG 107
SAT Verbal 620 and above	ENG105
ACT English 26 and above	ENG105
Accuplacer score 4 or below	WAC101 or WAC107
Accuplacer score 5, 6, or 7	ENG101 or ENG107
Accuplacer score 8	ENG 105

ment tool 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.

All incoming students must complete the **Math Placement Test** prior to enrollment unless they have transferred an equivalent prerequisite course. The time limit to finish the assessment is 24 hours.

Registration, cont.

Veterans Educational Benefits

Veterans and eligible dependents must apply for veterans educational benefits and then verify their status with Veterans Services 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

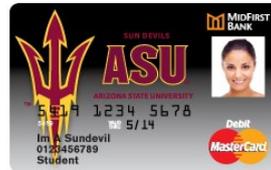
Student Identification

ASU Sun Devil Card Services

Students are required to provide an ASU ID card to receive many ASU services, acquire educational records and gain access into secure buildings, classrooms and labs. Each student admitted to ASU may choose between the Pitchfork ID Card offered by MidFirst Bank¹ and the basic Sun Card. The Pitchfork ID Card is an official ASU student photo ID and a MasterCard 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 cash, check, Visa®, MasterCard®, or applied to 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, passport, military ID, etc.) to obtain their ID card. Call 480.965.CARD (2273), or visit cardservices.asu.edu for more information. Both the Pitchfork ID Card and the basic Sun Card contain a 16-bit 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 MasterCard®	Basic Sun Card
Official ASU Student ID	*	*
Access to secure buildings	*	*
Access for meal plans**	*	*
Access for Maroon & Gold (M&G) Dollars**	*	*
Access to Sun Devil Fitness Complexes	*	*
Access to academic advising	*	*
Access for exam identification	*	*
Access to library and check out	*	*
Access for ASU Athletic events	*	*
Accepted at MasterCard locations worldwide	*	
Pay for campus health services	*	
Pay for campus parking services	*	
Pay for SunDevil Campus Stores items	*	
Comes with Sun Devil Checking—FREE to ASU students	*	
FREE ATMs nationwide, including MidFirst ATMs on campus	*	

*The \$25 fee for your card was included in your enrollment deposit. If you need to replace your Pitchfork ID Card or basic Sun Card, a \$25 fee will apply. All rules for obtaining a replacement ID card may be found at cardservices.asu.edu.

**Meal Plans and Maroon & Gold (M&G) Dollars are administered by Sun Devil Dining. Call 480.727.DINE (3463) or visit sundeildining.com

¹Member FDIC

Tuition and Fees

Admission Application Fees

Admission application fees are subject to change. These fees are non-refundable and must be paid at the time of application.

Fall 2016 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 along 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 “Make a Payment”. 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 “Make a Payment”. 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 My ASU (my.asu.edu), select the “Finances” link on the upper left side, then click “Make a Payment” 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 2.4% 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 “Make a Payment” 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 (formerly peerTransfer) 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 Tuition Installment Plan. Check payments are also accepted in person at all campuses. **See Tuition Hours on page 14.**

Residency Classification

Residency (tuition) status is initially determined by the application for admission at the time a student applies to the University. Non-resident students who feel they may qualify for resident tuition status must file a petition for reclassification no later than the last day of regular registration. For general information about the requirements, consult the ASU General Catalog or the web at students.asu.edu/residency. Residency classification is a complex process and you are encouraged to petition early during the reclassification period. You are advised to submit the appropriate online Residency Reclassification Application, required supporting documentation, and your receipt for the \$50.00 non-refundable petition fee to the Residency Classification Office by the appropriate deadline date. The deadline for submitting a residency petition for Fall 2016 is August 24, 2016. Failure to petition by the last day of regular registration constitutes a waiver of the student's rights for residency reclassification or appeal for the current semester.

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.

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 disbursement 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. **See page 8 in this handbook or online at [Financial Aid Payment](#).**

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 installment plan fee. Notification to Arizona State University of pending payments by the Prepaid or College Savings Plan does not exempt a student from automatic enrollment in the ASU Payment Plan and assessment of the non-refundable installment plan fee.

Sponsorship by 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, 2016](#).

A \$75 **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 at 480.965.2436 or 480.965.4044.

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, Room 124, 480.965.2411. Governmental and Third-Party Agencies must have offices in the United States with invoices directed to a U.S. address.

Tuition Payment 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 - 4:30pm	M-F 8:15am - 4:30pm	M-F 8:30am - 4:30pm	M-F 8:15am - 4:30pm
<p>Offices are closed in observance of the following holidays:</p> <p>Labor Day—September 5, 2016 Veteran's Day—November 11, 2016 Thanksgiving—November 24-25, 2016 Holiday Break—December 26-27, 2016</p>			

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 obtained at Human Resources, the Student Accounts Office, or online at [HR Forms under Tuition Reduction Program](#). The completed form may be submitted to Student Accounts (Tempe Campus), Student Services Building Room 230, or at the West, Polytechnic, or Downtown Phoenix campus Cashiering Offices. The form may also be faxed to 480.965.9242 or emailed to tuitionreduction@asu.edu. 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.**

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, 2016](#) 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.

Special Class, Hybrid and iCourse Fees

Special class, hybrid 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 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.

Resident Surcharge Fee

The Resident Surcharge Fee is a per semester fee assessed to resident students during the 2016/2017 school year. The Resident Surcharge Fee will partially offset state budget reductions to maintain and achieve current academic goals and standards.

Late Registration Fee

All students who register for Sessions A & C on [August 10, 2016](#) and after, will be **assessed a late registration fee of \$50.00**. For Session B, students who register after [October 4, 2016](#) 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 seven units or have a consortium agreement to take courses at another qualified college with an overall credit hour total of at least seven units
- **Graduate students** enrolled in degree or certificate programs, and taking at least three credit hours or one dissertation/thesis hour

Teaching or Research Assistants who are offered insurance as part of their employment must enroll in the insurance, enrollment is not automatic.

- **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 (my.asu.edu) 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. 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, spouse and dependent coverage, cost, payment options and coverage limits, 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 parking permit rates and locations, free campus shuttle services, Valley Metro bus and light rail passes, visitor parking, and bicycling on campus, please visit the ASU Parking and Transit Services website at <http://parking.asu.edu>.

Tempe campus	West campus	Polytechnic campus	Downtown Phoenix campus
University Towers Suite 105 525 S. Forest Avenue Tempe, AZ 85287	Welcome & Information Bldg 4776 W. University Way N. Glendale, AZ 85069	Quad 4 7107-4 E. Tiburon Mesa, AZ 85212	University Center Suite 116 411 N. Central Avenue Phoenix, AZ 85004
480.965.6124 Menu option 1, then option 3	480.965.6124 Menu option 1, then option 4	480.965.6124 Menu option 1, then option 2	480.965.6124 Menu option 1, then option 1

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.

<p>Tempe campus, West campus, Polytechnic campus, Downtown Phoenix campus, Research Park, and Skysong</p>
<p>http://www.asu.edu/map/interactive/</p>

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	Paul Karoly	College of Liberal Arts and Sciences	480.965.5404
Academic / Student Affairs	Vacant		
	Kaylen Cons	Student Services	480.965.5302
	Joseph Chapman	ASU Online	480.884.1609
Academic Professionals	Richard Filley	Ira A. Fulton School of Engineering	480.727.5252
	Elaine Rostad	Student Services	602.496.2153
Staff Personnel	Michelle Johnson	ASU Gammage	480.965.5062
Tempe Campus	Barzin Mobasher	Ira A. Fulton School of Engineering	480.965.0141
	Paul Karoly	College of Liberal Arts and Sciences	480.965.5404
	Ajith Kumar	W.P.Carey School of Business	602.543.6020
West Campus	Duku Anokye	New College of Interdisciplinary Arts and Sciences	602.543.6020
Polytechnic Campus	Jean Stutz	College of Technology and Innovation	480.727.1234
	Vacant		
Downtown Campus	Beatrice Kastenbaum	College of Nursing and Health Innovation	602.496.1408
	Edwin Gonzalez-Santin	College of Public Service and Community Solutions	602.496.0101
	Kevin Ellsworth	School of Letters and Sciences	480.727.7090

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 printed 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.

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, Faculty and academic professionals are prohibited from engaging in a romantic or sexual relationship with a student over whom the faculty member or academic professional exercises, 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 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 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.

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 Complaint

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
PO Box 877705
Tempe, AZ 85287-7705
480.965.0696/480.965.0865 fax
Jodi.Preudhomme@asu.edu

Accommodations for Students with Disabilities

To facilitate the availability of reasonable and effective accommodations for students with disabilities from the first day of class, qualified students must use the following process:

- Register for classes on their assigned Registration Date, and
- Request disability accommodations from the Disability Resource Center immediately following enrollment.

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/drc> and sign into DRC Connect to request accommodations for ASU classes.

New Students: Go to <https://eoss.asu.edu/drc> and sign in to DRC Connect. Submit a new student application to initiate your registration with the DRC. If you have questions, do not hesitate to contact one of our offices below.

Contact Information: You can reach any of our Disability Resource Center offices by utilizing the information below:

DRC Phone number: (480)965-1234
DRC Fax number: (480)965-0441
DRC e-mail address: DRC@asu.edu

Tempe campus	West campus	Polytechnic campus	Downtown Phoenix campus and Tucson School of Social Work
Matthews Center, Room 143	University Center Building, Room 130	Sutton Hall, Room 201	POST 106
480.965.1234	602.543.8145	480.727.1039	602.496.4321
DRCTempe@asu.edu	DRCWest@asu.edu	DRCPoly@asu.edu	DRCDowntown@asu.edu
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 120	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., Phoenix, AZ 85004
Residency Classification				
Campus	Phone	Fax	Email	Location and Mailing Address
Tempe campus	480.965.7712	480.727.6630	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 120 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

ASU Statement on Drug-Free Schools and Campuses

Under federal legislation entitled the Drug-Free Schools and Communities Act Amendments of 1989 (“Act”), no institution of higher education shall be eligible to receive funds or any other form of financial assistance under any federal program, including any federally funded or guaranteed student loan program, unless it has adopted and has implemented a program to prevent the use of illicit drugs and the abuse of alcohol by students and employees. The Act requires the annual distribution of the following information to students and employees.

Prohibition

It is the goal and policy of Arizona State University (“ASU”) to provide a drug free environment for all University students and employees. To achieve this goal and to comply with federal law, ASU prohibits the unlawful sale, manufacture, distribution, dispensation, possession, and use of controlled substances on its property or as part of any of its activities.

Every ASU student and employee must abide by the terms of this statement, abide by applicable policies of the Arizona Board of Regents and Arizona State University, and abide by local, state, and federal laws regarding the unlawful possession or distribution of illicit drugs and alcohol.

ASU students and employees are subject to all applicable drug and alcohol policies, including policies set forth in the University’s Staff Personnel Policies and Procedures Manual, the Academic Affairs Policies and Procedures Manual, University Student Services Manuals, and the ASU Police Department Policies and Procedures Manual. The following drug and alcohol policies also apply to students and employees: the Arizona Board of Regents’ Code of Conduct and Student Code of Conduct and Arizona State University’s Policy regarding alcohol and other drugs.

Sanctions

Sanctions under federal, state, and local law for the unlawful possession or distribution of illicit drugs and alcohol are serious and can range from civil sanctions to criminal convictions including fines and imprisonment. A listing of Arizona penalties

can be found at www.azleg.gov/arizonarevisedstatutes.asp?title=13 and a listing of Federal penalties can be found at www.justice.gov/dea/agency/penalties.htm. Sanctions will be imposed on a student who violates a Board of Regents’ or University drug or alcohol policy; those sanctions may include expulsion or suspension, and may also include the requirement that the student participate in a drug education program. Sanctions will be imposed on an employee who violates university drug or alcohol policies which may include termination of employment, progressive discipline, and may also include the requirement that the employee participate in a drug education program.

Health Risks

A. Alcohol

Alcoholic consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol also increase the incidence of a variety of aggressive acts, including spouse and child abuse. Moderate to high doses of alcohol cause marked impairments in higher mental functions, severely altering a person’s ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effect just described.

Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition, can also lead to permanent damage to vital organs such as the brain and the liver.

Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and mental retardation. In addition, research indicates that children of alcoholic parents are at greater risk than other youngsters of becoming alcoholics.

ASU Statement on Drug-Free Schools and Campuses, cont.

B. Illicit Drugs

A description of health risks associated with the use of illicit drugs is set forth in the attached Exhibit B.

Treatment, Counseling, and Rehabilitation Programs

Additional information regarding the health risks associated with the use of illicit drugs and the abuse of alcohol, drug awareness programs, and drug rehabilitation programs are available to employees and students through Student Health, the Employee Assistance Program and Counseling and Consultation. Classes on drug abuse are offered in the School of Social Work, Departments of Psychology and Counseling, the College of Nursing and the Human Resources Department.

The following offices have the ASU Statement on Drug-Free Schools and Campuses and will provide it on request:

- *Office of General Counsel*
- *Dean's Office in each ASU College*
- *Human Resources Department*
- *Division of Graduate Studies*
- *Provost Offices on each campus*
- *Student Employment*
- *Office of Research Development and Administration*
- *Student Life*

For further information about this statement or the Drug-Free Schools and Communities Act Amendment of 1989, contact the Office of General Counsel by calling 480.965.4550.

ASU Statement on Drug-Free Schools and Campuses, cont.

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 174 bachelor’s degree programs, 174 master’s degree programs, 84 doctoral programs, and one law degree program.

Undergraduate Students

ASU enrolled 12,004 new freshmen for the Fall 2015 semester. **Of the new freshmen, 26% graduated in the top 10% of their high school class.** The average ACT composite score of first time full-time freshmen is 24.5. The average SAT combined score is 1113.

ASU enrolled 10,584 new transfer students for the Fall 2015 semester with 40.5% of the new transfers coming from community colleges in Arizona.

The graduation rate for 2010 lower division transfer students graduating in 5 years or less was 61.6%

The graduation rate for 2011 upper division transfer students graduating in 4 years or less was 73.1%

Undergraduate Enrollment

ASU enrolled 74,146 undergraduates in the Fall 2015 semester.

Seniors (Seniors: 25,309; Juniors: 20,911; Sophomores: 14,411; Freshmen: 12,866) 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 116 countries in the Fall 2015 semester.

Undergraduate Student Profile

36.6% are from ethnic minority backgrounds

7.9% are international students

The average age is 23.

Graduate Enrollment

ASU enrolled 17,211 graduates in the Fall 2015 semester

Graduate Student Profile

24% are from ethnic minority backgrounds.

24.4% 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 2014-2015, ASU awarded 14,842 bachelors, 5,268 masters, 687 doctoral and 223 law degrees.

The graduation rate for 2009 first time, full time freshmen graduation in six years or less was 65.3%. Information on students who transfer out from ASU is not recorded, therefore is not available.

The six-year graduation rate for 2009 first time, full-time freshmen receiving Pell grants, receiving subsidized Stafford Loans but no Pell grant, and receiving neither Pell grant nor Stafford loan was 59.5%, 56.4% and 70.2% respectively.

Career Placement Information

ASU’s Career Services department posts placement data at the following address: <https://eoss.asu.edu/cs/asuhighlights>

Additional information can be found at <https://eoss.asu.edu/cs/>

University Policies

Academic Integrity

What is Academic Integrity?

Academic Integrity

Policy [1]

Impact [2]

Resources [3]

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.

What is a violation of the academic integrity policy?

The ASU student academic integrity policy [4] lists violations in detail. These violations fall 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 is not a violation of the academic integrity policy?

Not all inappropriate behavior in the academic setting is an academic integrity policy violation.

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 [5] 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.

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 [6]. 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 [7])

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 [8] (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/academicintegrity>

Links:

- [1] <https://provost.asu.edu/academic-integrity/policy>
- [2] <https://provost.asu.edu/academic-integrity/impact>
- [3] <https://provost.asu.edu/academic-integrity/resources>
- [4] <https://provost.asu.edu/node/20>
- [5] <https://eoss.asu.edu/dos/srr>
- [6] <http://www.asu.edu/aad/manuals/rsp/rsp210.html>
- [7] <http://www.asu.edu/aad/manuals/rsp/rsp004.html#misconduct>
- [8] <https://researchintegrity.asu.edu/>

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.

Student Obligations to Academic Integrity

Each student must act with honesty and integrity, and must respect the rights of others in carrying out all academic assignments. A student may be found to have engaged in academic dishonesty if, in connection with any Academic Evaluation or academic or research assignment (including a paid research position), he or she:

1. Engages in any form of academic deceit;
2. Refers to materials or sources or uses devices (e.g., computer disks, audio recorders, camera phones, text messages, crib sheets, calculators, solution manuals, materials from previous classes, or commercial research services) not authorized by the instructor for use during the Academic Evaluation or assignment;
3. Possesses, reviews, buys, sells, obtains, or uses, without appropriate authorization, any materials intended to be used for an Academic Evaluation or assignment in advance of its administration;
4. Acts as a substitute for another person in any Academic Evaluation or assignment;
5. Uses a substitute in any Academic Evaluation or assignment;
6. Depends on the aid of others, including other students or tutors, in connection with any Academic Evaluation or assignment to the extent that the work is not representative of the student's abilities;
7. Provides inappropriate aid to another person in connection with any Academic Evaluation or assignment, including the unauthorized use of camera phones, text messages, photocopies, notes or other means to copy or photograph materials used or intended for Academic Evaluation;
8. Engages in Plagiarism;
9. Uses materials from the Internet or any other source without full and appropriate attribution;
10. Permits his or her work to be submitted by another person in connection with any Academic Evaluation or assignment, without authorization;
11. Claims credit for or submits work done by another;
12. Signs an attendance sheet for another student, allows another student to sign on the student's behalf, or otherwise participates in gaining credit for attendance for oneself or another without actually attending;
13. Falsifying or misrepresenting hours or activities in relationship to an internship, externship, field experience, clinical activity or similar activity; or
14. Attempts to influence or change any Academic Evaluation, assignment or academic record for reasons having no relevance to academic achievement.

Allegations of Academic Dishonesty

This policy is not intended to address differences of opinion over grades issued by an instructor exercising good faith and professional judgment regarding a student's work. Before any action is taken under this Policy that may result in the withdrawal, suspension or expulsion of an international student, both the student and the academic program are advised to consult with the ASU International Student Office.

These procedures are designed to encourage a fair and appropriate response to allegations of academic dishonesty. They may be modified in individual cases, so long as the student is provided an opportunity to respond to allegations of academic dishonesty within a reasonable time after those allegations have been made. An Advisor may accompany the student at any point in the process. The Advisor will not be permitted to participate directly or speak for the student, but may be present during meetings and hearings.

1. Complaint.
 1. Anyone with a good faith basis for believing that a student has violated this policy may report the alleged violation to the responsible instructor, chair, dean, director or designee. The person who pursues the allegation is called the "Initiator" in this policy. If for any reason, an Initiator is unable or unwilling to continue in that role, another university representative may continue as Initiator.
 2. An individual who has received an allegation may decide not to initiate a complaint. This decision will not prevent another person from becoming the Initiator.
2. Response to Complaint.
 1. An instructor who believes that a student has violated this policy in a class for which the instructor is
 2. responsible may assign any of the following sanctions:
 1. a reduced grade for an assignment, or
 2. a reduced grade for the course.
3. If the instructor wants to recommend another sanction set forth in Section IV, including an XE grade, the instructor must forward that recommendation for review by the College/School Board and approval by the Dean, Director or designee. The student and the instructor will be provided an opportunity to provide information to the College/School Board as part of its review.
4. At any time, the student and the Initiator may propose a resolution, but the Dean, Director, or designee, may choose to pursue the case on behalf of the University.
5. Information regarding the allegation or resolution may be provided to appropriate university representatives.
6. If the Initiator and the student are unable to agree on resolution, then the student, the Initiator, or a representative of the Dean or Director may submit the matter to the Dean, Director or designee of the College/School in which the alleged academic dishonesty occurred for review by the College/School Board.
7. After a formal request for review has been filed, the Student may remain in class or in the program until the appeal has been resolved. The student will not be given a refund, however, if the student is not successful in the appeal and the decision is made to remove the student from the class, program or university.
8. If the matter is not submitted by the student to the Dean, Director or designee for review within 10 days following the time the student is accused of academic dishonesty, the decision or recommendation of the instructor becomes final. If the instructor has submitted a request for an XE or any other sanction to the Dean, Director or designee, and the student has not requested review within 10 days of receiving notice of this request, the Dean, Director, or designee may enter a decision on the request. Only if the decision includes suspension or expulsion from the university will the student be able to request further review.

Review by College/School Board

1. Within 10 days after the Student receives a reduced or "XE" grade, or other notice of the alleged academic dishonesty, the Student may submit a written statement to the Dean requesting review of the allegation, the sanction or the proposed sanction by the College/School Board. For the purpose of calculating the time for submitting a matter for review, the 10-day period is counted to include only days that fall within the regular fall or spring semester and do not include the summer sessions or intersession. The Dean may appoint an ad hoc board to conduct the review or may use a standing board. The review will take place during the regular fall or spring semester, unless the parties agree otherwise.
2. These procedures should guide the review process, but may be altered by the Chair of the College/School Board in consultation with the Office of General Counsel.
3. The Student statement should describe the alleged academic dishonesty, including a factual narrative of events and the dates and times of occurrences and any sanction or proposed sanction. The statement should also include the names of persons having information about relevant circumstances or events, the general nature and description of all evidence, and should be signed by the Student.
4. If the Student submits a request for review at the end of a semester, or during the last semester of enrollment, the course grade may be withheld for a reasonable period of time (normally not to exceed six months) until the matter is decided. In situations involving the student's last semester before graduation, the degree may be withheld pending the outcome of the hearing. If a grade or degree will be withheld for any period, the Initiator, Dean, Director, or designee must notify the Registrar's Office.
5. The Dean, Director or designee will forward the student's statement to the Chair of the College/School Board.
6. If the alleged cheating 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 to all

interested parties of any modification of the procedures. A student who has not submitted a request for a review should not expect to benefit from a review requested by another student.

7. Hearing Proceedings

1. The Chair of the College/School Board will send a copy of the statement to the Initiator, together with a copy of this Policy or with instructions on accessing the policy electronically.
2. The letter to the student, a copy of which shall also be sent to the Initiator and the department chair, will include the following information:
 1. Statement of time and place when a hearing on the charges will be held by the College/School Board;
 2. Requirement that the parties to provide 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 one calendar week before the hearing.
3. Prior to the hearing, the College/School Board will also advise the parties in writing of any additional time limitations or procedural requirements.
4. The Initiator shall have the burden of showing that it is more likely than not that the student engaged in academic dishonesty.
5. Issues shall be resolved fairly and as promptly as possible under the circumstances.
6. The hearing will be closed to the public. The student and the Initiator may remain in the hearing throughout the presentation of all evidence and testimony, although the College/School Board Chair may remove either party, any Advisor, or any witness if that person's conduct is disruptive.
7. The student and the 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.
8. The College/School Board Chair has the final authority to resolve procedural disputes that arise. Although formal rules of evidence do not apply to the hearing process, the College/School Board Chair may limit the presentation of irrelevant or cumulative evidence, the number of witnesses and the length of each party's presentation.
9. The proceedings may be recorded, as determined by the College/School Board Chair.
10. When necessitated by fairness or extraordinary circumstances, the College/School Board may permit the parties to make arrangements for recorded, written, or telephonic testimony for use in the proceeding.
11. The hearing procedure will be as follows, unless the College/School Board Chair provides notice to the parties of alternative or supplemental procedures.
 1. The College/School Board Chair will introduce the persons present at the hearing and remind all participants of the requirement that all information received in the hearing must be maintained in confidence.
 2. The College/School Board Chair will read allegation of academic dishonesty.
 3. The College/School Board Chair will make any necessary decisions or clarifications regarding procedure.
 4. Testimony and Evidence Presented by the Initiator.
 5. The Initiator shall offer evidence in support of the allegation.
 1. The Initiator may call witnesses and present evidence.
 2. The student may ask questions of the Initiator or any of the Initiator's witnesses, following each person's presentation.
 3. College/School Board members may ask questions of the Initiator, the student or any of the Initiator's witnesses.
 6. Testimony and Evidence Presented by the Student.
 1. The student shall offer evidence in defense of the allegation.
 2. The student may call witnesses and present evidence.
 3. The Initiator may ask questions of the student or any of the student's witnesses, following each person's presentation.
 4. College/School Board members may ask questions of the student, the Initiator, or any of the student's witnesses.
 7. The College/School Board shall deliberate in private until a majority recommendation is reached and recorded. If the recommendation is not unanimous, dissenting opinions should be reflected in the recommendation submitted to the Dean or Director.
 8. The College/School Board will prepare a written recommendation to the Dean or Director. The recommendation will include the Board's determination as to whether it is more likely than not that the student violated this policy. The decision should also include the College/School Board's findings with respect to the material facts.
 9. If the Board finds a violation, the recommendation should recommend sanctions. The Board may consider prior violations or informal resolutions of previous allegations in its deliberations.

10. The College/School Board will submit its recommendation to the Dean or Director.
11. The Dean or Director may dismiss the allegation, may concur with or modify the recommendation or may request further proceedings, but may not make new findings adverse to the student or increase the severity of a sanction, unless the student has previously violated this policy.
12. After any additional proceedings and within a reasonable time, the Dean or Director will issue a decision. The Dean will provide written notice of the decision to the student, the Initiator, the instructor (if the instructor is not the Initiator), the College/School Board and the department chair (or administrative equivalent).
13. If the decision imposes a sanction of suspension or expulsion from the university, or revocation of a degree, the notice letter from the Dean or Director will state that the student may appeal the decision by filing a written request for review with the Provost of the campus at which the alleged violation occurred within 10 days of the date of the notice letter. If the student does not submit a written request for review within 10 days, the decision of the Dean or Director becomes final.
14. Once the student has provided written notice of an appeal of a sanction, the sanction will not be imposed until the appeal has been resolved with the exception that the university may withhold posting of a grade or completion of graduation until the matter has been resolved.

Sanctions

1. Sanctions that may be imposed by an Instructor.
 1. a. Subject to the procedures set forth in section III, an instructor, academic supervisor, or committee responsible for evaluation may impose any of the following sanctions for academic dishonesty:
 2. Reduced or failing grade for assignment,
 3. Reduced or failing grade for course, or
 4. Reduced, failing grade, or no credit for other academic evaluation (e.g., clinical training, comprehensive exam, thesis, dissertation).
 5. Within 10 days after an instructor-imposed sanction is assigned, the student may appeal the sanction to the Dean or Director.
2. Sanctions that may be recommended by an instructor.
3. An instructor, academic supervisor, or committee responsible for academic evaluation may recommend other or additional sanctions to the Dean or Director, including assignment of the grade of XE and withdrawal of credit for a previously accepted course or requirement, if the sanctions are otherwise provided in this policy or in the Student Code of Conduct and Disciplinary Procedures.
4. Sanctions that may be imposed by a Dean or Director.
 1. After reviewing the recommendation of the School/College Board, a Dean or Director may impose any of the following sanctions for academic dishonesty:
 1. Reduced or failing grade for assignment,
 2. Reduced or failing grade for course,
 3. Reduced or failing grade for other academic evaluation (e.g., clinical training, comprehensive exam, thesis, dissertation),
 4. Assignment of a grade of "XE";
 5. Withdrawal of credit for a previously accepted course or requirement;
 6. Removal from the School or College or from a major or program of study within the School or College, permanently or for a specified period of time.
 2. The decision of the Dean or Director to impose any of the above sanctions is final.
5. In addition to the above sanctions, a Dean or Director may recommend to the Provost any of the following sanctions:
 1. Revocation of a degree (the student's official and unofficial transcript may reflect that revocation was the result of academic dishonesty);
 2. Expulsion from the University without expectation of readmission (the student's official and unofficial transcript may reflect that expulsion was the result of academic dishonesty);
 3. Suspension from the University for a specific period of time (the student's official and unofficial transcript may reflect that suspension was the result of academic dishonesty);
 4. Other sanctions as consistent with this policy and the Student Code of Conduct.
6. Final Sanctions
 1. The student will receive written notice of the decision and recommendations of the Dean or Director.
 2. If the sanctions do not include suspension from the university, expulsion from the university or revocation of the degree, the recommendations of the Dean or Director will be final.
 3. If the sanctions include suspension from the university, expulsion from the university or revocation of the degree, but the student does not object in writing to the recommendations of the Dean or Director within 10 days, the recommendations of the Dean will be final.

4. If the sanctions include suspension from the university, expulsion from the university or revocation of the degree, and if the student provides written notice to the Provost of an objection to the recommendations of the Dean within 10 days, the Provost will convene a University Hearing Board to review the recommendations.
7. Mitigating and aggravating circumstances may be considered in determining the appropriate sanction for a violation of this policy.

Guidelines for Review

1. A student may seek to have a Dean's or Director's decision reviewed by the University Hearing Board only if the final decision imposes a sanction of suspension or expulsion from the university, revocation of admission or revocation of a degree.
2. The request for review must be in writing and must be filed with the Provost within 10 days of the date of the decision letter from the Dean.
3. The University Hearing Board shall follow the procedures set forth in the ABOR Student Disciplinary Procedures, except that the Provost, or designee will take the role of the Vice President for Student Affairs and will establish the University Hearing Board to conduct the appeal, and the College may take the role of the Dean of Students in presenting the case on behalf of the College/Initiator. The Provost may make other alternations to the procedures, with notice to the individuals involved.
4. The University Hearing Board will make a recommendation to the Provost.
5. The decision of the Provost is final.

Procedures Following Final Decision

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. If a degree has been awarded, it may be revoked if requirements were not adequately fulfilled due to academic dishonesty.

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, for example, violate both the Student Academic Integrity Policy and the Misconduct in Research Policy and be subject to review and sanctions under both policies.

Definitions

Academic Evaluation: Means any academic 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).

College/School Board: Means each College, School or Program hearing or standards board appointed by the academic Dean, Director or administrative equivalent to review allegations of academic dishonesty.

Dean: Means the person holding the position of college Dean, Director, or the administrative equivalent, or that person's designee. (This does not include a "Program Director" or "School Director" if the academic unit reports to a college level dean or director.

Plagiarism: Means using another's words, ideas, materials or work 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.

Provost: Means the Provost or another person designated by the senior academic officer of the campus at which the alleged academic dishonesty occurred.

University: Means ASU Tempe, ASU Polytechnic, ASU West, ASU Downtown Phoenix, ASU Online, and all other locations used for instruction or academic activities.

University Board: Means the University Academic Integrity Hearing Board constituted by the Provost at the campus at which the alleged academic dishonesty occurred.

Advisor: Means an individual selected by the student to assist him/her during a hearing conducted by the University Academic Integrity Hearing Board. The advisor may be a faculty or staff member, student, or other representative of the student.

Day: Means normal university business day, not including Saturday, Sunday or any officially recognized university employee holiday or any day on which the university is closed.

The Grade of "XE"

1. The "XE" grade denotes failure through academic dishonesty. 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 or her transcript shall be permitted to represent that 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 if it was awarded for an act of academic dishonesty requiring significant premeditation. For other cases, after at least 12 months have elapsed since the "XE" grade was imposed, a student may file a written petition to the Dean or Director of the College or Program that imposed the "XE" to have the "XE" grade removed and permanently replaced with the grade of "E." The decision to remove the "XE" grade and replace it with an "E" is in the sole discretion and judgment of the Dean or Director or his or her designee.
4. The Dean or Director or designee may confer with other university officials and may require the student to attest that the student has not been involved in any other act of academic dishonesty or similar disciplinary offense at Arizona State University or another institution. If the student's representation is later discovered to be false, the "XE" grade may be reinstated.

Source URL: <https://provost.asu.edu/academic-integrity/policy>

Academic Integrity Impact

Following the Academic Integrity Policy and Avoiding Violations

Academic integrity is a fundamental value because violations of it cause real harm to real people. Protecting the ASU community from this harm is everyone's responsibility.

- Students who suspect a policy violation are encouraged to discuss their concerns with their course instructor or academic advisor.
- Faculty, T.A.'s, and instructors are expected to address all violations of the ASU Academic Integrity Policy. Please become familiar with the university policy and the process for addressing violations of the policy within your College Specific Policies and Procedures [1].

Harm to Student

- If students cheat in a course or another academic exercise, they are taking away from themselves the opportunity to learn.
- The faculty holds the highest standards of academic integrity. If a student is caught cheating, the sanction can be anything from a lowered grade on an assignment to expulsion from ASU.
- ASU has a grade of "XE" which can become part of a transcript and permanent academic records and explicitly means that the student failed a course because of academic dishonesty. Here's the Student Academic Integrity Policy's [2] explanation of the "XE":

The "XE" grade denotes failure through academic dishonesty. 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.

No student with an "XE" grade on his or 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.

Generally, the "XE" grade will remain on the transcript permanently.

- ASU degrees could mean less. If ASU develops a reputation for academic dishonesty based on high levels of student cheating, students' future employers, colleagues and others could have less respect for their accomplishments at ASU.
- Cheating creates an unfair grading environment for others. Whether or not a course is graded on a curve, a student who cheats, turns in high-quality work and is not caught raises the expectations about work quality for all students.
- Cheating can directly affect innocent students. For example, if a student plagiarizes on a group project, all the students in the group may be sanctioned for an Academic Integrity Policy violation.

Harm to Future Employers, Clients or Patients

- Cheating can hurt the people students will work with in the future. Many students are preparing for careers where they will provide services to others—legal, journalistic, medical, research, etc. If these students fail to learn how to do this work because they cheat at ASU, they have cheated their future employers and clients of a knowledgeable professional.

Harm to ASU

- 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.

Source URL: <https://provost.asu.edu/academic-integrity/impact>

Links:

[1] <https://provost.asu.edu/academic-integrity/resources>

[2] <https://provost.asu.edu/academic-integrity/policy>

Resources

Please refer to this list of resources for students, faculty, staff and teaching assistants to help avoid academic integrity violations.

Student Resources

Avoiding academic integrity policy violations

Be informed: Understand ASU's expectations regarding academic integrity by understanding the Academic Integrity Policy [1] and Student Code of Conduct [2].

Ask questions: If you are not sure if something is really cheating, ask your professors, T.A.s 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 [3]
- Online support for citations and style manuals [4]
- Tutoring and academic success resources [5]

Stay healthy: This includes managing your time and your stress. Health and wellness resources [6] are available at ASU.

Adopted from the Academic Integrity Policy [1].

Tips on how to complete your work with integrity

These online resources provide strategies for completing your work with academic integrity.

- ASU's Why Academic Integrity? [7]
- ASU's Six Sins of Academic Integrity [8]
- Virtual Academic Integrity Laboratory (VAIL) [9]

Avoiding plagiarism

Plagiarism may be the most common form of academic dishonesty and is often unintentional. Protect yourself by understanding how to avoid plagiarism with these resources:

- The Governors of Acadia University's interactive video on plagiarism [10]
- The Purdue Online Writing Lab's (OWL) Avoiding Plagiarism [11]

What to do if you are accused of an academic integrity violation

Be informed: Understand the policies and process for responding to accusations of academic integrity in the college/school generating the accusation. Some colleges and schools [12] have information regarding the process on their web sites.

Ask questions: Meet with your academic advisor to learn your rights within the process, understand the timeline and expectation for your participation in the process. Student Advocacy and Assistance [13] is also a great resource to help ensure successful completion of academic goals.

Graduate students and teaching assistants

- ASU Graduate Education information [7]

Source URL: <https://provost.asu.edu/academic-integrity/resources>

Links:

- [1] <https://provost.asu.edu/academic-integrity/policy>
- [2] <https://eoss.asu.edu/dos/srr>
- [3] <https://studentsuccess.asu.edu/writingcenters>
- [4] <http://libguides.asu.edu/citing>
- [5] <https://students.asu.edu/academic-success>
- [6] <https://eoss.asu.edu/health/resources/wellness>
- [7] <https://graduate.asu.edu/academic-integrity>
- [8] https://graduate.asu.edu/academic-integrity#tabs-0-content_main-3
- [9] <http://www.umuc.edu/students/academic-integrity/tutorial.cfm/vailtutor/>
- [10] <http://library.acadiau.ca/sites/default/files/library/tutorials/plagiarism/>
- [11] <https://owl.english.purdue.edu/owl/resource/589/01/>
- [12] <https://provost.asu.edu/academic-integrity/impact>
- [13] <https://eoss.asu.edu/dos/srr/StudentAdvocacyandAssistance>

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.

Fall 2004 and After¹

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
I	Incomplete	Incomplete	—
NR	No Report	No Report	—
P	Pass	n/a ²	—
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 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		

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.

A "Y" grade is used for courses in which the instructor assigns only grades of "Y" or "E." If a course utilizes only the letter grades of "A+", "A", "A-", "B+", "B", "B-", "C+", "C", "D", and "E", but an individual student receives permission to take the course for pass/fail credit, the "P" (pass) or "E" (fail) grade should be assigned to that student.

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.

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.

Grading Resources for Faculty and Staff

Support and roster contacts [6].

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 [7] 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 been processed. You may submit a request to any registration site [8].

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", "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" 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 [9]

SSM 203-05: Duplication of Credit by an Undergraduate Student [10]

Graduate students see the ASU Graduate Policies and Procedures [11].

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 480-965-3124.

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.

Grade Appeals

ASU has informal and formal processes students may follow to appeal a grade. See the Catalog [12].

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 E1, E2, E3, E4, E5, and E8 are equivalent to an E.

To calculate your GPA, follow these steps below, or use the GPA Calculator [13].

1. Multiply the **grade point** value by the number of semester hours for which the course was taken to determine the honor points.
2. Add together all the **honor points**.
3. Add together all the semester 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.

$$\text{Honor Points} \div \text{Net Hours} = \text{GPA}$$
 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 [14].

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/facultycenter>
- [7] <http://my.asu.edu/>

- [8] <https://students.asu.edu/node/931>
- [9] <http://www.asu.edu/aad/manuals/ssm/ssm203-06.html>
- [10] <http://www.asu.edu/aad/manuals/ssm/ssm203-05.html>
- [11] <https://graduate.asu.edu/policies-procedures>
- [12] <http://catalog.asu.edu/appeal>
- [13] <https://students.asu.edu/gpa-calculator>
- [14] http://catalog.asu.edu/credit_exam

Undergraduate Policies and Procedures

ASU Competency Requirements

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 of a 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.

You might not need to meet competency requirements. Refer to exceptions below.

English competency requirement

Meet one of the following:

- four years of high school English (composition/literature based)
- minimum test score of 21 on ACT English or 530 on SAT critical reading
- one transferable three-semester-hour college English composition course

English Composition Placement:

All freshmen and transfer students who have not earned a "C" or better in a transferable freshman 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 (see related sites), 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 540 on SAT math
- one transferable three-semester-hour college math course for which at least intermediate algebra is a prerequisite

Laboratory science competency requirement

Students may meet one of the following or any combination of the three as long as they have three different laboratory-based sciences from the following list: biology, chemistry, earth science, physics, integrated science or advanced laboratory science:

- three years of different high school laboratory sciences
Lab sciences should be a whole 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-semester-hour 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 the possible laboratory subjects.

Social science competency requirement

Meet one of the following 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

Foreign language competency requirement

Meet one of the following:

- two years of the same high school foreign language
- attainment of minimum score on a national standardized foreign language test or placement into a third semester college foreign language class based on university placement exam results
- two transferable three- or four-semester-hour, college-level courses in the same foreign language

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 post-secondary 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.

See also the ASU General Catalog [1].

Source URL: <https://students.asu.edu/admission/competencies>

Links:

[1] <http://catalog.asu.edu/node/1>

Freshman Admission Requirements

ASU welcomes applications from students with diverse academic backgrounds and interests. Freshman applicants who possess a high school diploma and meet the following requirements will be admitted to ASU.

- English - 4 years (composition/literature based)
- Math - 4 years (algebra I, geometry, algebra II and one course requiring algebra II as a prerequisite)
- Laboratory Science - 3 years total (1 year each from any of the following areas are accepted: biology, chemistry, earth science, integrated sciences and physics)
- Social Science - 2 years (including 1 year of American history)
- Foreign Language - 2 years (same language)
- Fine Arts or Career and Technical Education - 1 year

Applicants must also meet at least 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 Reasoning 1120 (1180 nonresidents) *

*ASU does not require the writing portion of these tests.

Applicants must successfully complete the ASU competency requirement. 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 any subject area. Most competencies may also be met by test scores or college courses. See [Detailed Competency Requirements \[1\]](#) for more information.

Self-Reported Admission Application To expedite admission decisions, ASU accepts self-reported high school grades on the undergraduate admission application. Once you are admitted, you will need to submit official seventh semester transcripts before enrolling in classes. Submission of an ACT or SAT score is highly recommended for merit-based scholarship consideration.

Higher Requirements for Some ASU Schools and Colleges Some schools and colleges have higher requirements for admission to their majors. To learn more about admission requirements, find the major of your interest at [Degree Search \[2\]](#). You should select a second major on your application if your first choice has higher admission requirements.

Individual Review All students who don't meet the above standards will be evaluated through a process called 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 test score is highly recommended. In some cases, additional information might be requested.

Home School Applicants ASU welcomes home school students and recognizes the unique academic experiences they contribute to our rich community of scholars. Please read additional admission information specifically for [homeschool students \[3\]](#).

General Educational Development Students may also meet admission requirements by submitting an official GED score of 500 or above for tests taken before January 2014 or a GED score of 170 or above for tests taken after January 2014.

Source URL: <https://students.asu.edu/freshman/requirements>

Links:

[1] <https://students.asu.edu/admission/competencies>

[2] <https://students.asu.edu/programs>

[3] <https://students.asu.edu/homeschool>

Important Dates for Spring 2017

January 1, 2017 – FAFSA priority deadline

File your FAFSA to ASU by this date to maximize the amount of financial aid you could qualify for. Eligible students who apply by this date have a greater chance of receiving need-based aid. We encourage you to submit your FAFSA even if the priority filing date has passed.

December 1, 2016 – Enrollment deposit date

Submit your enrollment deposit to ASU to become an official Sun Devil and secure your spot in our spring 2017 incoming class. After you submit your enrollment deposit, you can register for your orientation date and submit your campus housing preferences.

Oct. 1, 2016 – Submit your FAFSA

Starting Oct. 1, you can file your FAFSA with ASU (Federal School Code 001081) to find out what financial aid you might be eligible for. Students may submit the FAFSA to ASU prior to applying and admission to the university; however, only students admitted into ASU degree-seeking programs will be reviewed for and offered financial aid.

Important Dates for Fall 2017

July 1, 2016 – Application for admission is available

The freshman application for fall 2017 is available.

Nov. 1, 2016 – VIP admission date

Complete your application for admission by this date (including official high school transcripts and application fee) to receive these select benefits: expedited admission and scholarship decisions, priority access to ASU New Student Orientation and housing registration, and exclusive event invites and campus visit offers.

Oct. 1, 2016 – Submit your FAFSA

Starting Oct. 1, you can file your FAFSA with ASU (Federal School Code 001081) to find out what financial aid you might be eligible for. Students may submit the FAFSA to ASU prior to applying and admission to the university; however, only students admitted into ASU degree-seeking programs will be reviewed for and offered financial aid.

Nov. 1, 2016 – Priority admission date

Complete your application for admission by this date to ensure you're considered for the maximum amount of scholarship opportunities. Late applicants will be considered for university admission and financial aid, but ASU programs with higher admission standards will give priority consideration to applications submitted by this date.

January 1, 2017 – FAFSA priority deadline

File your FAFSA to ASU by this date to maximize the amount of financial aid you could qualify for. Eligible students who apply by this date have a greater chance of receiving need-based aid. We encourage you to submit your FAFSA even if the priority filing date has passed.

May 1, 2017 – Enrollment deposit date

Submit your enrollment deposit to ASU to become an official Sun Devil and secure your spot in our fall 2017 incoming class. After you submit your enrollment deposit, you can register for your orientation date and submit your campus housing preferences.

Application Steps

1. Complete an undergraduate admission application. ASU prefers that you apply online [1].
2. Submit the nonrefundable application fee. The application fee is not a processing fee, as it is required of all students and is nonrefundable under any circumstances.
 - Arizona residents - \$50
 - Nonresidents - \$70
3. Request to have your ACT or SAT scores sent directly to ASU from ACT or College Board. ACT or SAT scores are required for merit scholarship consideration and for ASU course placement. It is also required for some majors and can be helpful in the general admission process.
4. Request transcripts from each educational institution attended. * Official transcripts must be mailed or sent electronically directly to Admission Services by the records office of the issuing institution. Transcripts delivered by hand will only be accepted if they are sealed in the original high school envelope. ASU does not accept transcripts transmitted by fax. High school transcripts must show GPA and date of graduation. ASU requires an English translation of all foreign-language transcripts.

ASU will review your application file once you have submitted all materials.

*If you self-report your grades, you do not need to submit an official transcript to receive your admission decision. An official final transcript will be required before you enroll in classes.

To see if you have any missing items and to view your admission status, sign in at My ASU [2] using your ASURITE UserID, which is sent to you after you apply for admission.

Mailing Address (all materials, all campuses)

Admission Services
Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Source URL: <https://students.asu.edu/freshman/requirements>

Links:

- [1] https://webapp4.asu.edu/uga_admissionsapp/
[2] <https://my.asu.edu>

Admission for Home-Educated Students

Arizona State University welcomes home school students and recognizes the unique academic experiences these students contribute to our rich, scholarly environment. We have a growing community of home school students who thrive in the ASU environment.

We understand that your academic background differs from students who attended public, private or charter schools. While our general admission requirements and application are geared toward students who have attended a high school, as a homeschool student, you can easily fill out the application and then include additional information to accurately demonstrate your accomplishments.

Admission requirements

Home school students must meet the general requirements [1] for ASU admission, including specific documentation with your application to confirm your completion of the requirements:

- Competency Requirement - Per Arizona Board of Regents (ABOR) policy, laboratory sciences must include one class period per week in a laboratory environment and students must complete the Evaluation of Laboratory Science Courses [2] form as part of the application process. Please email your completed Evaluation of

Laboratory Science Courses form to Nicole Sumrall at ASUNicoleSumrall@asu.edu [3]. Nicole Sumrall is the contact for any questions you may have about the home school process.

- Aptitude Requirement - Must be met with SAT or ACT test score.
- Graduation Requirement - Upon completion of secondary school education, complete the Affidavit of Completion of Secondary School Education [2]. The affidavit must be completed by the parent/guardian and notarized.

When the Application for Admission [4] asks you which high school you attended, enter your home town name. Scroll down through the city options until you find Home School at the bottom.

Your application will be reviewed as soon as all of these items are received by Undergraduate Admissions.

For questions regarding admission for homeschool students, please contact Nicole Sumrall at 480-262-6009 or emailasuhomeschool@asu.edu [5].

Admission to Barrett, the Honors College

Barrett, the Honors College [6] is consistently recognized nationally as a top honors experience. Barrett combines the caring and community of a top, small college on all four ASU campuses with the resources of a major public university. Home school students who want to be considered for admission to Barrett are encouraged to submit an application. Barrett requires a separate application, and an early application [7] is strongly suggested. The Barrett admission staff will help you with any questions you have about filling out the application.

Scholarships

Through the New American University Scholarship program [8], ASU recognizes exceptional academic performance. Remember to submit your transcripts and test scores when you apply for admission by or before the scholarship priority date so that you may be considered for scholarships. Home school students will be considered for ASU scholarships upon admission.

Please contact Nicole Sumrall [9] with any questions.

Source URL: <https://students.asu.edu/homeschool>

Links:

[1] <https://students.asu.edu/freshman/requirements>

[2] <http://students.asu.edu/affidavit>

[3]

<mailto:ASUNicoleSumrall@asu.edu?subject=Question%20about%20laboratory%20sciences%20requirement%20for%20home-educated%20students>

[4] https://webapp4.asu.edu/uga_admissionsapp/

[5] <mailto:asuhomeschool@asu.edu>

[6] <http://barretthonors.asu.edu/>

[7] <http://barretthonors.asu.edu/admissions/deadlines-and-application/>

[8] <http://students.asu.edu/scholarships/newamericanuniversity>

[9] <mailto:ASUNicoleSumrall@asu.edu>

Admission for Veteran Students

Getting Benefits Started

If you are active military, a veteran or a dependent and have not used VA educational benefits before at any institution of higher education, this is where you start.

If you're not sure which benefit you're eligible for or have any other questions about VA benefits, eligibility or processing timelines, feel free to contact Troy Rundle, ASU's VA VetSuccess on Campus counselor, at troy.rundle@asu.edu [10] or 480-727-5627 (office) or 602-318-0406 (cell).

First, apply for benefits in three easy steps

1. Complete a VA application.

VA benefit type	Use this VA application
Chapter 30, 33, 1606 and 1607	Form 22-1990 [1]
Chapter 35	Form 22-5490 [2]
Chapter 31	Eligibility/Application is determined by the Department of Veteran Affairs, Vocational Rehabilitation Office

2. Locate your additional supporting document.

VA benefit type	Include this supporting document
All types, except Chapter 1606	DD-214 Military Discharge Document — Copy Member 4
Chapter 1606	DD-2384 NOBE — Notice of Basic Eligibility

3. Submit your application and document directly to the VA using one of these methods.

- online with VONAPP at www.gibill.va.gov [3] (easy to do and fastest processing)
- mail to Department of Veterans Affairs, PO Box 8888, Muskogee, OK 74402-8888
- Troy Rundle, your direct link to the VA from ASU, can submit your application for you. Contact Troy at troy.rundle@asu.edu [4] or 480-727-5627 (office) or 602-318-0406 (cell) for assistance.

If you apply using VONAPP, you will receive your Certificate of Eligibility from the VA in four to eight weeks.

Next, apply to ASU

You can apply to ASU as a freshmen [5], transfer [6] or graduate [7] student.

ASU before receiving your Certificate of Eligibility from the VA.

If you have questions about applying to ASU or how ASU resources and the Veteran Services staff can help you succeed, please connect with Matt Schmidt, ASU's veteran recruitment specialist, at ASUVeterans@asu.edu [8] or 480-965-7723.

Once you've been admitted to ASU, go to steps for newly admitted students [9] to start your benefits file with Veteran Services in the Pat Tillman Veterans Center.

Source URL: <https://veterans.asu.edu/benefits/start>

Links:

- [1] <https://veterans.asu.edu/22-1990>
- [2] <https://veterans.asu.edu/22-5490>
- [3] <http://benefits.va.gov/gibill/>
- [4] troy.rundle@asu.edu
- [5] <https://students.asu.edu/freshman/requirements>
- [6] <https://transfer.asu.edu/admitted>
- [7] <https://students.asu.edu/graduate/nextsteps>
- [8] ASUVeterans@asu.edu

[9] <https://veterans.asu.edu/benefits/admitted>

[10] <mailto:troy.rundle@asu.edu>

Next Steps for Newly Admitted Students

If you are: active military, a veteran, a spouse or dependent and a newly admitted freshman, transfer or graduate student at ASU, read on.

Welcome to Arizona State University!

ASU appreciates the service of our military veterans and their dependents, and we want you to know you've made a great decision to join more than 3,000 other active military, veteran and dependent students furthering their education and future careers in our top-ranked programs.

Follow these next steps toward using your benefits at ASU, which are in addition to your next steps for enrollment as a freshman [1], transfer [2] or graduate [3] student.

TO GET YOUR BENEFITS FILE STARTED AT ASU, YOU NEED TO SUBMIT A FEW FORMS.

You must first meet with your academic advisor and completely enroll in your courses to submit these three forms:

VA Benefits Responsibility Form [4]

You'll fill this form out only once while at ASU. It notifies ASU Veteran Services of your intent to use VA educational 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 ASU Veteran Services. You will receive a confirmation email indicating you have completed the form.

VA Enrollment Activity Form [5]

Let ASU Veteran Services know if you do or do not want to use VA educational benefits for the upcoming semester. Complete this online form before each semester at ASU and submit it directly to ASU Veteran Services. You will receive an email confirming you have submitted the form.

Please make every effort to firm your schedule before submitting the form. If you make changes to your courses after submitting it but before the drop/add deadline, submit a new form using the same link. After the drop/add deadline, use the Enrollment Change Notification [6] to let us know of your class changes.

Prior Credit Evaluation (PDF) [7]

Submit this form during the ASU application process if you are transferring courses, credits and/or previous experience. You must also submit this form if you change your major so the courses you've taken are evaluated for application to your new major. Print the form, fill out the top portion, initial the middle section, sign and date at the bottom. You email the scanned form to your academic advisor for completion. Your advisor will submit to ASU Veteran Service.

Plus, one extra form for students who have used VA benefits at another school:

If you have been using VA benefits at another school, fill out the appropriate VA Request for Change or Program or Place of Training form. Submit this form to the VA as indicated in the form directions.

Chapter 30, 33, 1606 & 1607 Form 22-1995 [8]

Chapter 35 Form 22-5495 [9]

Additionally, veterans and dependents using the Post-9/11 GI Bill®:

Submit to ASU Veteran Services your VA Certificate of Eligibility or most recent letter from the VA that details your benefits remaining. Whenever you receive an updated COE or letter from the VA detailing your benefits, please submit a copy to ASU Veteran Services. You may use one of these methods to submit the form:

1. Scan and email the form to PTVCforms@asu.edu [10].
2. Fax the form to the Pat Tillman Veterans Center at 480-522-3058.
3. Take the form to the Pat Tillman Veterans Center on your campus.

LEARN ABOUT ELIGIBILITY FOR ARIZONA RESIDENCY AND IN-STATE TUITION.

If you currently are not an Arizona resident, there are three ways to receive in-state tuition.

1. HB 2410 is an Arizona law that allows honorably discharged veterans of any branch of the U.S. Armed Forces, including National Guard and Reserves, to receive in-state student status for tuition purposes. Read more [11] for requirements and filing instructions.
2. Choice Act, Section 702 grants eligible individuals immediate residency and in-state tuition rates. You are eligible if you are a veteran, or a spouse or dependent of a veteran who has been discharged within the 36 months prior to the start of your first semester from a period of active duty that was 90 days or longer AND is using either VA Chapter 30 or Chapter 33 benefits. Read more [12] for Choice Act requirements and directions for how to file.
3. The Yellow Ribbon Program will help cover the difference between resident and nonresident tuition for those who are not eligible for HB 2410 or the Choice Act, Section 702. Undergraduate and graduate students must be 100 percent eligible for the Post-9/11 GI Bill®. Read more [13] to find out how to apply.

CONNECT WITH YOUR ASU MILITARY ADVOCATE.

On-campus veterans, spouses and dependents: New students should contact ASU's military advocate, Michelle Loposky, at militaryadvocate@asu.edu [14] or 480-727-5626.

ASU Online student veterans: ASU Online veteran students who need assistance with online registration or advising issues resolved, please contact Mario Matus at 480-884-1906 or at militaryonline@asu.edu [15].

On-campus and ASU Online dependent and spouse students: New students should contact the ASU advocate dedicated to spouses and dependents, Michelle Loposky, at militarydependents@asu.edu [16] or 480-727-5626.

FRESHMEN AND TRANSFER STUDENTS, CONSIDER TAKING ASU'S SUCCESS COURSE FOR VETERANS.

ASU offers a veteran specific introductory course — LIA 294 Student Success for Veterans — to support veterans' transition to the academic life. Both freshman and new transfer veteran students from any major are welcome to register. For more information [17]

GRADUATE STUDENTS: SUBMIT YOUR GRADUATE PROGRAM OF STUDY.

As soon as you are admitted, submit a Graduate Program of Study with your advisor's assistance to ensure that the graduate courses you are taking will be covered by the VA.

ATTEND THE VETERANS WELCOME EVENT BEFORE CLASSES BEGIN.

The Veterans Welcome event is a seminar-style orientation required of incoming graduate and undergraduate veteran students prior to their first semester at ASU. Hosted by ASU and the Pat Tillman Veterans Center, the Veterans Welcome event introduces valuable benefit information and procedures that will apply each semester student veterans use benefits. Spouse and dependent students do not need to attend this event.

New students will receive notifications by mail and email prior to the event so they can plan to attend and RSVP. Events are scheduled before both fall and spring semesters. Refreshments are provided. Space is limited so we request that students attend alone.

GET INVOLVED AT ASU

Meet your fellow veterans at the Pat Tillman Veterans Center location on your campus. Check out our campus locations [18].

Pat Tillman Veterans Center Facebook page. [19] This page will connect you to academic, employment and social opportunities for success!

Join the Student Veterans Club associated with your campus for social events and camaraderie. Get connected on Facebook:

Downtown Phoenix Student Veterans Club Chapter [20]

Polytechnic Student Veterans Club Chapter [21]

Tempe Student Veterans Club Chapter [22]

West Student Veterans Club Chapter [23]

ASU Alumni - Veterans Chapter members mentor veteran students and help with veteran related events. alumni.asu.edu/chapters/veterans [24]

Want to stay active? Join an intramural team [25] (both competitive and recreational teams are available) or sport club [26], work out at the fitness center on your campus [27], go on an adventure [28] and participate in the annual Pat's Run [29].

"GI Bill®" is a registered trademark of the U.S. Department of Veteran 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 [30].

Source URL: <https://veterans.asu.edu/benefits/admitted>

Links:

- [1] <https://students.asu.edu/freshman/requirements>
- [2] <https://transfer.asu.edu/admitted>
- [3] <https://students.asu.edu/graduate/nextsteps>
- [4] <https://veterans.asu.edu/va-benefits-responsibility-form>
- [5] <https://veterans.asu.edu/va-enrollment-activity-form-page>
- [6] <https://veterans.asu.edu/enrollment-change-notification>
- [7] https://students.asu.edu/files/PriorCreditEval12-03-12_0.pdf
- [8] <https://veterans.asu.edu/22-1995>
- [9] <https://veterans.asu.edu/22-5495>
- [10] <mailto:PTVCforms@asu.edu>
- [11] <https://veterans.asu.edu/asu-policies-veteran-students>
- [12] <https://veterans.asu.edu/asu-policies-veteran-students>
- [13] <https://veterans.asu.edu/asu-policies-veteran-students>
- [14] <mailto:militaryadvocate@asu.edu>
- [15] <mailto:militaryonline@asu.edu>
- [16] <mailto:militarydependents@asu.edu>
- [17] <https://veterans.asu.edu/student-info/veteran-student-success-class>
- [18] <https://veterans.asu.edu/about/staff>
- [19] <https://www.facebook.com/pages/Pat-Tillman-Veteran-Center/22497142422>
- [20] <https://www.facebook.com/ASUDowntownVeterans>
- [21] <https://www.facebook.com/PolytechnicVeteransClub>
- [22] <https://www.facebook.com/groups/asuveteransclub>
- [23] <https://www.facebook.com/AsuWestVets>
- [24] <https://alumni.asu.edu/chapters/veterans>
- [25] <https://fitness.asu.edu/programs/intramurals>
- [26] <https://fitness.asu.edu/programs/sportclubs>
- [27] <https://fitness.asu.edu/facilities>
- [28] <https://fitness.asu.edu/programs/outdoorrec/outdoortrips>
- [29] <http://pattillmanfoundation.org/pats-run/>
- [30] <http://www.benefits.va.gov/gibill/>

Transfer Military Credits to ASU

ASU is proud to welcome veterans of the Army, Navy, Air Force, Marines, Coast Guard and National Guard to our undergraduate student community. Ranked as one of the top public universities [1] in the world, ASU is also consistently rated as a top school for veterans [2].

Find information about how military credits transfer to ASU below. You can find additional information and resources for veterans on the ASU veterans website [3].

Have questions about transferring military credits to ASU? Talk to an ASU transfer specialist [4] or contact articulation@asu.edu [5].

How Military Transcripts Are Evaluated

ASU uses the American Council on Education's Guide to the Evaluation of Educational Experiences in the Armed Services [6] to assess how to transfer military credits to ASU. In general, military courses must be similar to an ASU undergraduate course and applicable to an undergraduate degree program 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 [7] for graduation but do count for total credits toward completion. No transfer credit is awarded for vocational certificate category ACE recommendations. When you change majors, all transfer credits are re-evaluated.

Once you are admitted to ASU, an academic advisor will work with you to determine how military credits may apply to your undergraduate degree program requirements.

Military Transcripts Accepted by ASU

ASU accepts the following military transcripts to transfer credits:

- JST [8] (Joint Services Transcript)
- CCAF Transcript [9] (Community College of the Air Force Transcript)

Unlike college or high school transcripts, submission of military transcripts for potential transfer credit is optional and is neither required for undergraduate admission nor subject to admission deadlines. However, official documents should arrive as early as possible to ensure a timely processing of your records.

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 accepts credit by exam for the following:

- College-level Examination Program [10]
- Advanced Placement [11]
- DANTES or DSST (Defense Activity for Nontraditional Education Support Subject Standardized Test) [12]
- International Baccalaureate Diploma or Certificate [13]
- Comprehensive Examinations [14]
- Proficiency Examinations [15]

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.

If you believe you are eligible for the veterans exception, please contact ASU Admission Services at admissions@asu.edu [16].

Get Help with Your Transfer to ASU

If you are a veteran of the United States Army, Navy, Air Force, Marines, Coast Guard or National Guard, ASU can help you make the most of your earned credits, choose an undergraduate major or minor, apply for financial aid and more. To get started, contact an ASU transfer specialist [17].

Source URL: <https://transfer.asu.edu/transfer-military-credits-asu>

Links:

- [1] <https://about.asu.edu/rankings>
- [2] <https://asunow.asu.edu/content/asu-named-military-friendly-school-4th-consecutive-year>
- [3] <https://veterans.asu.edu/>
- [4] <https://transfer.asu.edu/contact>
- [5] articulation@asu.edu
- [6] <http://www.acenet.edu/news-room/Pages/Military-Guide-Online.aspx>
- [7] https://catalog.asu.edu/ug_gsr
- [8] <http://www.jointservicetranscript.com/>
- [9] <http://www.airuniversity.af.mil/Barnes/CCAF/>
- [10] https://catalog.asu.edu/credit_exam#CLEP
- [11] https://catalog.asu.edu/credit_exam#AP
- [12] https://catalog.asu.edu/credit_exam#DANTES
- [13] https://catalog.asu.edu/credit_exam#IB
- [14] https://catalog.asu.edu/credit_exam#COMP
- [15] https://catalog.asu.edu/credit_exam#PRO
- [16] <mailto:admissions@asu.edu>
- [17] <https://transfer.asu.edu/contact>

Frequently Asked Questions

You've got questions, and we've got answers. If your question isn't included below, please let us know. Connect with your advocate using the buttons below or email us at PTVC@asu.edu [1].

I MAY BE ELIGIBLE TO ATTEND ASU USING VA BENEFITS. WHO DO I CONTACT FOR THIS INFORMATION?

ASU's Veteran Services staff in the Pat Tillman Veterans Center locations on all four campuses has been tasked by ASU to serve veterans who are using Veterans Administration (VA) educational benefits to pursue college degrees.

WHAT DO I NEED TO DO TO GET MY EDUCATIONAL BENEFITS STARTED AT ASU?

The first step would be to apply for admission to the university. Once you are accepted, contact the appropriate ASU program advisor (check My ASU [2] for your advisor information). After you have enrolled in your courses, see Next steps for newly admitted students.

HOW DO I START A FILE FOR VETERAN BENEFITS?

To start a file and initiate benefits for the term, sign a VA Benefits Responsibility Form, complete a Prior Credit Evaluation with your academic advisor, and fill out a VA Enrollment Activity Form. These forms are submitted directly to the Pat Tillman Veterans Center. For the Post-9/11 GI Bill®, please include your latest letter from the VA that details your benefit level and months/days of benefits remaining (Certificate of Eligibility). See Next steps for newly admitted students.

DO I NEED TO BRING ANY PAPERWORK WITH ME TO THE OFFICE?

If you are a veteran and eligible for Ch. 30, Montgomery G.I. Bill, bring your member 4 copy of the DD-214.

If you are eligible for Ch. 33, Post-9/11 GI Bill® benefits, provide a copy of your Certificate of Eligibility to a Pat Tillman Veterans Center.

If you are eligible for Ch. 1606, Montgomery G. I. Bill - Reservists/National Guardsmen, provide a Notice of Basic Eligibility (NOBE), DD-2384 form, which is available from your unit's Educational Officer.

If you are eligible for 1607: Reserve Educational Assistance Program, provide your orders calling you to active duty and your DD214 (member 4 copy) when released from active duty.

HOW DO I FIND OUT IF I HAVE ANY BENEFITS LEFT?

Contact the Department of Veterans Affairs at 1-800-827-1000.

CAN I APPLY FOR FINANCIAL AID IN ADDITION TO USING MY VA BENEFITS?

Yes! According to legislation passed in June 2009, effective July 2009, VA benefits are no longer considered when determining financial aid eligibility.

Source URL: <https://veterans.asu.edu/benefits/faqs>

Links:

[1] <mailto:PTVC@asu.edu>

[2] <https://webapp4.asu.edu/myasu/>

Contact Admissions

We're here to help

We aim to deliver services and resources to assist students in the admission and transition to ASU. Services include high school relations, community college relations, international student relations, scholar recruitment, application processing and new student orientation.

Sending us your transcripts or test scores

Admission Services Mailing Address

Have your test scores (such as ACT, SAT and TOEFL) and official high school and college transcripts sent from the issuing institution to the address below. Any written inquiries should be sent to this address as well.

Admission Services
Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Visit our office

Downtown Phoenix Campus

Phone: 480-965-7788

Fax: 480-965-3610

Location: University Center Building, Suite 130 [1]

Monday - Friday 8:00 a.m. – 5:00 p.m.

Polytechnic Campus

Phone: 480-965-7788

Fax: 480-965-3610

Location: Administration Bldg. [2]

Monday - Friday 8:00 a.m. – 5:00 p.m.

Tempe Campus

Phone: 480-965-7788

Fax: 480-965-3610

Location: Student Services Building, Room 110 [3]

Monday: 8:00 a.m. – 4:00 p.m.

Tuesday - Friday: 8:00 a.m. - 5:00 p.m.

West Campus

Phone: 480-965-7788

Fax: 480-965-3610

Location: University Center, Room 120 [4]

Monday - Friday: 8:00 a.m. – 5:00 p.m.

Source URL: <https://students.asu.edu/contact/admissions>

Links:

[1] <http://www.asu.edu/map/interactive/?campus=downtown&building=UCENT>

[2] <http://www.asu.edu/map/interactive/?id=120&mrklid=62667>

[3] <http://www.asu.edu/map/interactive/?campus=tempe&building=SSV>

[4] <http://www.asu.edu/map/interactive/?campus=west&building=UCB>

International freshman and transfer undergraduate admission

Arizona State University is ranked one of the best universities in the world. When you study at ASU, you will enjoy prestigious faculty, state-of-the-art facilities and a vibrant community of students from more than 150 countries in the world. At ASU, you can choose from more than **300 undergraduate degree programs** [1] that will lead you to a successful career path.

How to apply to ASU undergraduate programs

Admission Requirements

An international student is a student on a J-1 or F-1 visa who is not a citizen of, or a permanent resident of, or a refugee in the United States of America.

Academic Requirement

- Freshmen must have a 3.00 grade point average (GPA) (a "B" or better where "A"=4.00) from a secondary school.
- Transfer students must have a minimum 2.50 GPA (a "C+" or better where "A"=4.00) from a college or university. Some ASU programs require a minimum transfer GPA of 3.00, including the W. P. Carey School of Business and Ira A. Fulton Schools of Engineering.
- Some ASU programs may have higher admission requirements and may require a
- minimum ACT or SAT score.

English Language Proficiency Requirement

Success at ASU begins with a strong comprehension of the English language. Because our rigorous courses are taught in English and move at a fast pace, fluency in the language is necessary for understanding concepts and expressing yourself effectively.

Applicants whose native language is not English must provide evidence of English language proficiency by submitting test scores from **one of the following**:

- Test of English as a Foreign Language (TOEFL)
- International English Language Testing System (IELTS)
- Pearson Test of English (PTE)

Conditional Admission

ASU may offer conditional undergraduate admission to international applicants who meet the academic (aptitude) requirement but who are not proficient in English. Through conditional admission, students must first successfully complete the Advanced 2 level of the English language course at ASU Global Launch [2] or demonstrate English proficiency as stated above before being allowed to enroll in university courses.

Note: ASU reserves the right to independently test any student's English proficiency upon arrival, including those who have met the English proficiency requirement, and may require support classes if the demonstrated level of English proficiency is not sufficient for academic success.

Competency Requirement

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 (1 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 of American history).
- Foreign Language: two years (same language).
- Fine Arts: one year.

Higher Requirements for Some ASU Schools/Colleges

Some ASU colleges/schools have higher standards for admission into their programs. International applicants must meet general university international admission requirements as well as the appropriate freshman or transfer program requirements of their major. Search for your degree [3] for more details.

Scholarships for International Students

ASU offers a limited number of merit-based scholarships for highly qualified international freshman students who are non-immigrant, nonresident and degree seeking. To be considered for this competitive scholarship, you must submit your application for admission by **April 1, 2016**. There is no separate scholarship application to complete. For more information, visit New American University Scholarship [4]. Please email asuinternational@asu.edu [5] if you have any questions.

Application Deadlines

You must submit your application for admission to ASU, along with the application fee, by the deadline specified for each semester. In order to expedite the evaluation of your application, please remember to submit official transcripts, test scores and supporting credentials along with your application.

Spring 2016: Nov. 1, 2015

Summer 2016: Feb. 1, 2016

Note: Applications for summer that are not completed in time for the start of the summer session, will be reviewed for admission for fall 2016.

Fall 2016: May 1, 2016

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 [5] by May 1, 2016. Otherwise, I-20s will be created for the fall semester.

New American University Scholarship: April 1, 2016

Make sure to apply as early as possible to allow time for all documentation and processes to be completed.

Application Procedures

1. Complete the undergraduate application for admission.

Submit your application [6] for admission online and send the all supporting documents (application fee, transcripts, test scores and financial guarantee) to:

Regular Mail

International Undergraduate Admissions
 Student Services Building
 P.O. Box 870112
 Tempe, AZ 85287-0112

FedEx

International Undergraduate Admissions
 Student Services Building
 1151 S Forest Ave
 Tempe, AZ 85287-0112

For more information, call 480-965-2437 or email asuinternational@asu.edu [5].

2. Submit the nonrefundable application fee.

The application fee is \$85 (U.S. Dollars). If you did not submit your application fee with your admission application, you may make your payment through My ASU [7] or submit payment in the form of a check or money order drawn on a U.S. Banking Affiliate and made payable to Arizona State University. Do not send cash or international postal money orders. Application fees cannot be waived or transferred to a future application.

3. Request that your official transcript be sent directly from your school(s) to Admission Services.

Official transcripts are certified copies of official documents from each secondary school, college, university and/or technical schools attended. Records must include courses completed, grades or marks earned, and certificates or degrees awarded. Include a certified English translation of all documents not written in English.

Upon graduation or completion of the semester, request that a final transcript be sent directly to ASU to determine final admission status. If your school(s) cannot send them directly to ASU, you may send them 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 educational representative of the country's government or embassy. Each page must bear the verifying official's signature and stamp.
- Photocopies of international academic credentials on file with the registrar of an institution you previously attended in the U.S.
- Photocopies of academic credentials that have been certified by a recognized international educational organization, such as the U.S. Educational Foundation, AMIDEAST or the Institute for International Education.

Note:

Any document ASU receives becomes property of ASU and will not be returned to you.

Photocopies certified by a notary public are not official. Scanned copies are also not accepted in lieu of original official academic documents.

All international transcripts must be submitted in the original language accompanied by an official English translation. Translations must be literal, complete versions of the originals and must be translated by a university, government official or official translation service. You may not complete your own translation.

You must have one set of official transcripts from every high school, college and university from which you earned a high school diploma sent to ASU (see mailing address).

Upon graduation or completion of the semester, request that a final transcript be sent directly to ASU to determine final admission status.

4. Submit evidence of English language proficiency.

Have your TOEFL or IELTS score sent directly to ASU.

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 [8].

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 [9].

PTE: For information about the Pearson Test of English, visit <http://www.pearsonpte.com/Pages/home.aspx> [10].

5. Submit your ACT or SAT scores.

If you have taken the ACT or SAT, please submit official scores to Undergraduate Admissions. Some ASU colleges/schools have minimum ACT/SAT score requirements for entrance to their programs.

Items to Consider

- Admission to ASU cannot be determined until your file is complete and all of your credentials are evaluated.
- You must enroll full-time each semester.
- Students holding F-2 visas cannot attend ASU on a full-time basis.
- All international students on F-1 or J-1 visas must provide a Financial Guarantee [11] to show evidence of sufficient funds available for their students before their SEVIS Form I-20 can be issued. Learn more [12].

Source URL: <https://students.asu.edu/international/future/undergrad>

Links:

[1] <https://www.asu.edu/degrees>

[2] <https://learnenglish.asu.edu/>

[3] <https://students.asu.edu/programs>

[4] <https://scholarships.asu.edu/scholarship/1728>

[5] [mailto: asuinternational@asu.edu](mailto:asuinternational@asu.edu)

[6] <https://www.asu.edu/ugapp>

[7] <https://my.asu.edu>

[8] <http://www.ets.org/toefl>

[9] <https://www.ielts.org/>

[10] <http://pearsonpte.com/>

[11] <https://students.asu.edu/international/financial-guarantee>

[12] <https://students.asu.edu/international/immigration#Receive SEVIS I-20>

Transfer Admission Requirements

ASU Transfer Admission Requirements

To find the admission requirements for **your specific major**, please visit Degree Search [1]. Below are the requirements for general admission to Arizona State University.

To transfer to ASU, you must meet one of the following requirements:

- graduated from high school
- earned a GED
- completed an associate degree or be in progress toward an associate degree

Questions about admission requirements or how to apply to transfer to ASU? Our transfer specialists [2] will assist you with the admission process.

General University Transfer Admission Requirements

Transfer students must meet **one** of the following requirements*:

- **less than 24** transferable credit hours:
 - minimum 2.50 cumulative GPA and meet freshman aptitude requirements [3]
- **24 or more** transferable credit hours:
 - minimum 2.50 cumulative GPA
- associate degree from a regionally accredited higher education institution with:
 - 2.00 or higher cumulative GPA (residents)
 - 2.50 or higher cumulative GPA (nonresidents)

* 4.00 = "A" Arizona State University accepts college-level courses in which you have earned a "C-" or better.

Steps to Apply

1. Complete the admission application to transfer to ASU.

Your first step to transfer to ASU is to complete the online application for admission [4]. To ensure a smooth transition and improve opportunities for financial assistance, you should start the transfer application process one year prior to your planned enrollment date at ASU.

2. Submit the nonrefundable transfer application fee.

Fall 2016

Arizona resident: \$50

Domestic nonresidents: \$70

International students: \$85

ASU Online: \$70

You can pay using a credit card (Visa, MasterCard, Discover and American Express) or eCheck at the time you submit your transfer application or when you log in to My ASU. Or you can mail a check or money order to Admission Services (payable to Arizona State University) at the address below.

Admission Services
Arizona State University
PO Box 870112
Tempe AZ 85287-0112

3. Request to have your official transcripts and test scores mailed to ASU

College or university transcripts

ASU requires official transcripts from all previous institutions in order to process your application. Please contact the registrar's office at your college or university and **request for official transcripts to be sent directly to Admission Services.**

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** 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 hand-delivered or faxed college transcripts.)

Mailing addresses for admission materials

If mailing via the U.S. Postal Service:

Admission Services
Arizona State University
PO Box 870112
Tempe AZ 85287-0112

If sending via FedEx, DHL or UPS:

Admission Services
Arizona State University
Student Services Building, room 112
1151 S. Forest Ave.
Tempe, AZ 85287

High school transcripts

Regardless of your age or number of college credit hours, if you have not completed an associate or bachelor's degree at the time you apply to ASU, you must submit one of the following to complete your application:

- official high school transcripts (with graduation date posted)
- official GED transcripts
- Affidavit of Completion of Secondary School Education

ASU accepts hand-delivered official high school transcripts in sealed envelopes from applicants. (Note: ASU does not accept hand-delivered or faxed college transcripts.)

Test scores

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.

International transcripts and test scores

If you are an international transfer student [5], please have your TOEFL or IELTS scores sent to ASU directly from the testing agency. ASU requires an English translation of all foreign-language transcripts.

4. **Activate your ASURITE UserID and MyASU account (where you can keep track of your application status).**

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.

5. **After you have applied, you're encouraged to:**

- **Complete the FAFSA.** Submit the Free Application for Federal Student Aid, or update to indicate ASU as your new school (School Code 001081), to be considered for financial aid [6].
- **Apply for scholarships** [7].
- **Schedule a campus tour** [8].
- **Explore Barrett, the Honors College** [9].

Important Dates for Fall 2016 Admission

First day FAFSA is available for 2016–2017: Jan. 1, 2016

Class registration begins: late Feb. 2016

VIP application date: March 1, 2016

FAFSA priority date: March 1, 2016*

Priority application date: April 1, 2016

Classes start (Sessions A & C): Aug. 18, 2016

* This is the priority deadline for all transfer admission merit and need-based awards.

Late applicants will be considered for university admission and financial aid, but ASU undergraduate degree programs with higher transfer admission standards will give priority consideration to applications submitted by these dates. You can find other important dates on ASU's academic calendar [10].

Important Dates for Spring 2017 Admission

First day FAFSA is available for 2016–2017: Jan. 1, 2016

FAFSA priority date: Oct. 1, 2016*

VIP application date: Oct. 1, 2016*

Class registration begins: late Oct. 2016

Classes start: Jan. 9, 2017

*Students must submit their FAFSA and application materials by Oct. 1 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 Oct. 1. You can find other important dates on ASU's academic calendar [10].

Important Dates for Fall 2017 Admission

First day FAFSA is available for 2017–2018: Oct. 1, 2016

FAFSA priority date: Jan. 1, 2017*

VIP application date: Feb. 1, 2017*

Class registration begins: late Feb. 2017

Classes start: Aug. 17, 2017

*Students must submit their FAFSA and application materials by Feb. 1 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 [10].

Source URL: <https://transfer.asu.edu/apply>

Links:

[1] <https://webapp4.asu.edu/programs/t5/undergrad/false?init=false&nopassive=true>

[2] <https://transfer.asu.edu/contact>

[3] <https://students.asu.edu/freshman/requirements>

[4] https://webapp4.asu.edu/uga_admissionsapp/

[5] <https://students.asu.edu/international/future/undergrad>

[6] <https://students.asu.edu/financialaid/apply>

[7] <https://scholarships.asu.edu/>

[8] <https://visit.asu.edu/>

[9] <https://barretthonors.asu.edu/>

[10] <https://students.asu.edu/academic-calendar>

Transfer FAQs

Looking for transfer information? Find answers to frequently asked questions about how to transfer to ASU below, including information about:

Transfer Deadlines

Transfer Steps

How to Transfer Credits to ASU

How to Apply to ASU

1. WHAT IS ASU'S DEFINITION OF A TRANSFER STUDENT?

A transfer student is anyone applying for admission to Arizona State University who has attended another college or university after high school graduation. If you are completing college courses while in high school, you are considered a freshman and not a transfer student.

2. WHAT ARE ASU'S TRANSFER DEADLINES?

You can find important deadlines for transfer students on the Apply to Transfer to ASU [1] page. Remember to submit your ASU application as early as you can to ensure a smooth transfer process and improve opportunities for financial assistance.

3. WHAT ARE THE ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS?

Please see ASU's transfer admission requirements [2] for details.

4. I AM READY TO APPLY TO TRANSFER TO ASU. WHAT DO I DO NEXT?

Apply online to transfer to ASU [3].

Pay the application fee.

Request that your official high school and college transcripts be sent to ASU:

ASU Admission Services
P.O. Box 870112
Tempe, AZ 85287-0112

Find more details about transfer steps [4].

5. 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 [5].

6. WILL I HAVE TO SEND ACT AND SAT TEST SCORES 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. See undergraduate degree search [6] for admission information specific to your major.

7. WILL I HAVE TO SEND HIGH SCHOOL TRANSCRIPTS TO APPLY?

Yes, unless you have an associate degree (or higher) from a regionally accredited college or university posted on your transcripts. High school transcripts should be sent directly from your high school to:

ASU Admission Services
P.O. Box 870112
Tempe, AZ 85287-0112

8. DO I HAVE TO SEND ALL MY COLLEGE TRANSCRIPTS?

Yes. In order 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 870112
Tempe, AZ 85287-0112

9. HOW DO I TRANSFER COLLEGE CREDITS?

You can find detailed information about how to transfer college credits to ASU on the Transfer Credits to ASU [7] page.

10. HOW DO I CHOOSE AN UNDERGRADUATE MAJOR?

There are a variety of resources available to help you select your major or minor. You can start by visiting ASU's undergraduate degree search [8] to explore the more than 300 degree programs at ASU. You can also talk with an ASU transfer specialist [9].

11. 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 [10].

12. 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 into My ASU [11] to see if any additional items are needed to complete your file.

13. 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 [12]. However, ASU recommends attaining your associate degree before transferring.

14. WHAT ARE THE ARIZONA RESIDENCY REQUIREMENTS?

Being declared a resident by the State of Arizona differs from being considered a resident for tuition purposes by ASU. The Residency Classification office has specific guidelines to follow when determining a student's residency status, initially based on the information provided on the application for admission. For more information, please review the Residency Classification Survey [13].

15. WHAT PREREQUISITES DO I NEED TO COMPLETE BEFORE I CAN TRANSFER TO ASU?

There are no prerequisites required to be admitted to Arizona State University, unless you have fewer than 24 transferable credits. Students with fewer than 24 transferable credits are required to meet freshman admission requirements [14], including aptitude and competency requirements.

16. 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 the University Housing website [15].

There is also a variety of off-campus housing options in close proximity to ASU's campuses. For more information on off-campus housing, check out the Center for Off-Campus & Commuter Student Services [16].

17. HOW MUCH DOES ASU TUITION COST?

Find information about tuition and fees [17].

ASU Transfer FAQs for California Residents

1. If 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 [18].

2. 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.

3. Currently, I don't meet the Western Undergraduate Exchange admissions 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 last and final transcripts.

4. I live in California but would like to meet with an ASU representative in person to discuss the transfer process.

ASU representatives will be attending college transfer fairs and hosting various visits at community colleges throughout the state of California. Find your transfer specialist [19].

Source URL: <https://transfer.asu.edu/faqs>

Links:

[1] <https://transfer.asu.edu/apply>

[2] <https://transfer.asu.edu/apply>

[3] https://webapp4.asu.edu/uga_admissionsapp/

[4] <https://transfer.asu.edu/apply>

[5] <https://transfer.asu.edu/contact>

[6] <https://webapp4.asu.edu/programs/?init=false&nopassive=true>

[7] <https://transfer.asu.edu/transfer-credits>

[8] <https://students.asu.edu/programs>

[9] <https://transfer.asu.edu/contact>

[10] <https://students.asu.edu/readmission>

[11] <https://weblogin.asu.edu/cas/login?service=https%3A%2F%2Fweblogin.asu.edu%2Fcgi-bin%2Fcas-login%3Fcallback%3Dhttps%253A%252F%252Fwebapp4.asu.edu%252Fmyasu%252F%253Finit%253Dfalse>

- [12] <https://transfer.asu.edu/apply>
- [13] <https://students.asu.edu/residencyreclassificationsurvey>
- [14] <https://students.asu.edu/freshman/requirements>
- [15] <https://housing.asu.edu/>
- [16] <https://eoss.asu.edu/offcampushousing>
- [17] <https://students.asu.edu/tuitionandfees>
- [18] <https://transfer.asu.edu/california>
- [19] <https://transfer.asu.edu/contact>

Transfer to ASU from an Arizona Community College

Everyone's path to earning a bachelor's degree is different. Whether you are just starting your two-year degree program at an Arizona community college, or have completed your associate degree, ASU has resources to help you make the most of your earned credits when you transfer from a community college.

Arizona community colleges

Maricopa Community Colleges [1]

- Chandler-Gilbert Community College
- Estrella Mountain Community College
- GateWay Community College
- Glendale Community College
- Mesa Community College
- Paradise Valley Community College
- Phoenix College
- Rio Salado College
- Scottsdale Community College
- South Mountain Community College
- Arizona Western College [2]
- Central Arizona College [3]
- Cochise College [4]
- Coconino Community College [5]
- Diné College [6]
- Eastern Arizona College [7]
- Gila Community College [8]
- Mohave Community College [9]
- Northland Pioneer College [10]
- Pima Community College [11]
- Tohono O'odham Community College [12]
- Yavapai College [13]

Why Transfer to ASU?

Offering more than 300 undergraduate degree programs [14], Arizona State University is consistently ranked as one of the top colleges in the nation and the world for academics, innovation and value:

- ASU is ranked one of the top 100 universities in the world and top 50 in the United States by the Academic Ranking of World Universities [15].

- U.S. News & World Report ranks ASU No. 1 in Arizona and No. 2 in their list of the nation's most innovative schools [16].
- ASU ranks as one of the top best buy public colleges [17] in the United States, Canada, and the United Kingdom, according to the Fiske Guide to Colleges, 2015.
- The Princeton Review ranks ASU in the top 15 percent of all four-year public colleges [18] in America for undergraduate education.

See more reasons to transfer to ASU [19].

Get Help with Your Transfer to ASU

ASU transfer specialists [20] can help you prepare for your transfer to ASU, answer questions about the application process and guide you to additional ASU resources. To learn more about undergraduate programs, career opportunities and admission requirements, use the ASU degree search tool [21].

You can also find college course equivalencies by using our Transfer Credit Guide [22].

Source URL: <https://transfer.asu.edu/communitycollege/AZ>

Links:

- [1] <https://transfer.asu.edu/maricopa/maricopa-county-community-college-district/mapp%2Brn---bsn>
- [2] <https://transfer.asu.edu/azwestern/arizona-western-college/tag%2Brn---bsn>
- [3] <https://transfer.asu.edu/central-az/central-arizona-college/tag%2Brn---bsn>
- [4] <https://transfer.asu.edu/cochise/cochise-college/tag%2Brn---bsn>
- [5] <https://transfer.asu.edu/coconino/coconino-community-college/tag%2Brn---bsn>
- [6] <https://transfer.asu.edu/dine>
- [7] <https://transfer.asu.edu/eac/eastern-arizona-college/tag%2Brn---bsn>
- [8] <https://transfer.asu.edu/gila/gila-community-college/tag%2Brn---bsn>
- [9] <https://transfer.asu.edu/mohave/mohave-community-college/tag%2Brn---bsn>
- [10] <https://transfer.asu.edu/northland-pioneer/northland-pioneer-college/tag%2Brn---bsn>
- [11] <https://transfer.asu.edu/pima/pima-community-college/tag%2Brn---bsn>
- [12] <https://transfer.asu.edu/tohono-oodham>
- [13] <https://transfer.asu.edu/yavapai/yavapai-college/tag%2Brn---bsn>
- [14] <https://webapp4.asu.edu/programs/t5/undergrad?init=false&nopassive=true>
- [15] <http://www.shanghairanking.com/ARWU2014.html>
- [16] <http://colleges.usnews.rankingsandreviews.com/best-colleges/rankings/national-universities/innovative>
- [17] <https://asunow.asu.edu/content/asu-ranks-among-top-best-buy-public-colleges>
- [18] <https://asunow.asu.edu/content/asu-named-one-nations-best-universities-undergrad-education>
- [19] <https://about.asu.edu/rankings>
- [20] <https://transfer.asu.edu/contact>
- [21] <https://webapp4.asu.edu/programs/t5/undergrad?init=false&nopassive=true>
- [22] <https://transfer.asu.edu/transfer-credits>

Guaranteed Program for Admission: California Community College Students

Transfer Simplified

ASU, ranked as one of the top public universities [14] in the nation and the world, is also a top choice for California college students who transfer out of state to complete their undergraduate degrees.

Designed for California community college students, the Guaranteed Program for Admission helps you stay focused on earning your undergraduate degree and plan for a smooth transfer to ASU. To take part in the Guaranteed Program for Admission, you must attend a community college that participates in the program.

Guaranteed admission to ASU in three easy steps:

1. Complete the sign-up form [1] for the Guaranteed Program for Admission.
2. Apply for admission [2] to ASU when you're ready to transfer.
3. Enroll in classes at ASU to achieve your undergraduate degree.

View a timeline for the Guaranteed Program for Admission [3].

Have questions? Talk to an ASU transfer specialist [4].

Why Transfer to ASU?

Earn a degree from a Pac-12 university that allows you to create an academic experience that is uniquely yours. Choose from more than 300 undergraduate degrees [5], 250+ study abroad programs and 1,000 student clubs. At ASU, you can conduct undergraduate research, develop your entrepreneurial ideas, learn in state-of-the-art classrooms and labs, and receive career guidance and support as you seek internships and career opportunities upon graduation.

Find out why ASU is a top choice for California students [6].

Benefits of the Guaranteed Program for Admission

The Guaranteed Program for Admission offers students at participating California community colleges the following benefits:

- ASU tools and guidance on which courses to take while attending your community college
- acceptance of IGETC or CSU GE course work for ASU lower-division general studies requirements
- ability to transfer to ASU in the fall or spring semester
- classes at ASU available during the semester you need them — no impacted programs
- your catalog year will remain the year you sign the agreement rather than the year you are admitted to ASU

Sign up for the Guaranteed Program for Admission [7]

Guaranteed Admission Requirements

General university admission is guaranteed upon successfully meeting the following conditions: *

- completion of at least **24 transferable semester credits** with a minimum cumulative transfer GPA of 3.00 (4.00 = "A") plus either a final **high school transcript** or GED
- or
- a fully certified **Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education (CSUGE)**, with a minimum cumulative transfer GPA of 2.50 plus either a final **high school transcript** or GED
- or
- an **associate degree** with a minimum cumulative transfer GPA of 2.50

You will also need to submit an Arizona State University admission application [8], including any additional documents required, such as official college transcripts. (International students must also provide a financial guarantee and evidence of English language proficiency.) To find out how a course will transfer to ASU, check our Transfer Credit Guide [9].

*Some ASU colleges and schools have additional or higher requirements for admission into their programs. To search for degree programs and find more detailed information about admission requirements, use the ASU degree search [10] tool.

Western Undergraduate Exchange

ASU is part of the Western Undergraduate Exchange (WUE). The program offers students from 14 Western states (not including Arizona) the opportunity to choose from select ASU degree programs at a discounted nonresident tuition rate. Learn more about the Western Undergraduate Exchange [11].

Contact Us

Students: If you don't see your community college on this, list please contact your transfer specialist, Anna Hummell [12].

College Administrators: If you would like to have your institution participate in this program please contact Joan Groh in the Office of Academic Partnerships at joan.groh@asu.edu [13].

Participating Colleges

Allan Hancock College
American River College
Canada College

Cerritos College
Chabot College
Chaffey College
Citrus College
Coastline Community College
College of San Mateo
College of the Canyons
College of the Siskiyous
Copper Mountain College
Cosumnes River College
Crafton Hills College
Cuesta College
Cuyamaca College
Cypress College
DeAnza College
Diablo Valley College
El Camino College
Folsom Lake College
Foothill College
Fullerton College
Gavilan College
Glendale Community College
Golden West College
Grossmont College
Imperial Valley College
Irvine Valley College
Las Positas College
Long Beach City College
Los Angeles City College
Los Angeles Pierce College
Los Medanos College
Mira Costa College
Mission College
Moorpark College
Mt. San Antonio College
Mt. San Jacinto College
Napa Valley College
Orange Coast College
Oxnard College
Palomar College
Pasadena City College
Rio Hondo College
Riverside City College
Sacramento City College
Saddleback College
San Diego City College

San Diego Mesa College
San Diego Miramar College
San Joaquin Delta College
Santa Ana College
Santa Barbara City College
Santa Monica College
Santa Rosa Junior College
Santiago Canyon College
Skyline College
Southwestern College
Ventura College
Victor Valley College
West Valley College

Source URL: <https://transfer.asu.edu/california>

Links:

- [1] <https://webapp4.asu.edu/pathway/app/gpa?state=CA>
- [2] <https://transfer.asu.edu/apply>
- [3] <https://transfer.asu.edu/timeline>
- [4] <https://transfer.asu.edu/contact>
- [5] <https://webapp4.asu.edu/programs/>
- [6] <https://transfer.asu.edu/california-excellence>
- [7] <https://webapp4.asu.edu/pathway/app/gpa?state=CA>
- [8] https://webapp4.asu.edu/uga_admissionsapp/
- [9] <https://webapp4.asu.edu/transfercreditguide/app/home?init=false&nopassive=true>
- [10] <https://webapp4.asu.edu/programs/t5/>
- [11] <https://students.asu.edu/admission/wue>
- [12] https://transfer.asu.edu/contact?field_state_value=CA&tid=3
- [13] [mailto: joan.groh@asu.edu](mailto:joan.groh@asu.edu)
- [14] <https://about.asu.edu/rankings>

Texas to ASU: Start Your Future

Texas Community College

Arizona State University welcomes transfer applicants from Texas. In order to maximize your university experience, please contact Courtney Braxton [1] to discuss your particular transfer situation.

Take a look at ASU [2] to discover new opportunities that only one of the nation's leading research institutions can provide. Transfer to ASU and complete a bachelor's degree in one of more than 300 academic programs [3] relevant to the global community.

Houston Community College

Houston Community College's Coleman College [4] and ASU are working together to support transfer student success. Our partnership is designed to identify a degree pathway for ASU's Bachelor of Applied Science (BAS) in Health Science [5] for students in the following Associate of Applied Science (AAS) degrees at Coleman College:

- Clinical Laboratory Technician
- Emergency Medical Services
- Health Information Technology
- Nuclear Medicine Technology
- Nursing
- Occupational Therapy Assistant

- Physical Therapy Assistant
- Radiography
- Respiratory Therapist

Mailing Address

All admission materials, for all campuses, should be sent to:

Undergraduate Admissions
Arizona State University
P.O. Box 870112
Tempe, AZ 85287-0112

Source URL: <https://transfer.asu.edu/texas>

Links:

[1] <mailto:ASUCourtney.Braxton@asu.edu>

[2] <https://about.asu.edu/rankings>

[3] <https://webapp4.asu.edu/programs/t5/undergrad?init=false&nopassive=true>

[4] http://www.hccs.edu/centers/health-sciences/?utm_source=health-sciences&utm_medium=web&utm_campaign=hccs-redirects

[5] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/NUHSCBAS/undergrad/false>

Guaranteed Program for Admission: Washington Community College Students

Transfer Simplified

ASU, ranked as one of the top public universities [1] in the nation and the world, is also a top choice for Washington college students who transfer out of state to complete their undergraduate degrees.

Designed for Washington community college students, the Guaranteed Program for Admission helps you stay focused on earning your undergraduate degree and plan for a smooth transfer to ASU. To take part in the Guaranteed Program for Admission, you must attend a community college that participates in the program.

Guaranteed admission to ASU in three easy steps:

1. Complete the sign-up form [2] for the Guaranteed Program for Admission.
2. Apply for admission [3] to ASU when you're ready to transfer.
3. Enroll in classes at ASU to achieve your bachelor's degree.

View a timeline for the Guaranteed Program for Admission [4].

Have questions? Talk to your ASU transfer specialist [5].

Why Transfer to ASU?

Earn a degree from a Pac-12 university that allows you to create an academic experience that is uniquely yours. Choose from more than 300 undergraduate degrees [6], 250+ study abroad programs and 1,000 student clubs. At ASU, you can conduct undergraduate research, develop your entrepreneurial ideas, learn in state-of-the-art classrooms and labs, and receive career guidance and support as you seek internships and career opportunities upon graduation.

Benefits of the Guaranteed Program for Admission

The Guaranteed Program for Admission offers students at participating Washington community colleges the following benefits:

- ASU tools and guidance on which courses to take while attending your community college
- ability to transfer to ASU in the fall or spring semester
- classes at ASU available during the semester you need them.
- your catalog year will remain the year you sign the agreement rather than the year you are admitted to ASU

Sign up for the Guaranteed Program for Admission [7].

Guaranteed Admission Requirements

General university admission is guaranteed upon successfully meeting the following conditions: *

- completion of at least **36 transferable quarter credits** (24 semester credits) with a minimum cumulative transfer GPA of 3.00 (4.00 = "A"), plus a final **high school transcript** or GED
- or
- an transfer **associate degree, which equals at least 90 transferable quarter credits** (60 semester credits) with a minimum cumulative transfer GPA of 2.50

You will also need to submit an Arizona State University admission application, including any additional documents required, such as official college transcripts. (International students must also provide a financial guarantee and evidence of English language proficiency.) To find out how a course will transfer to ASU, check our Transfer Credit Guide [8].

*Some ASU colleges and schools have additional or higher requirements for admission into their programs. To search for degree programs and find more detailed information about admission requirements, use the ASU degree search [9] tool.

Western Undergraduate Exchange

ASU is part of the Western Undergraduate Exchange (WUE). The program offers students from 14 Western states (not including Arizona) the opportunity to choose from select ASU degree programs at a discounted nonresident tuition rate. Learn more about the Western Undergraduate Exchange [10].

Contact Us

Students: If you don't see your community college on this, list please contact your transfer specialist, Courtney Braxton.

College Administrators: If you would like to have your institution participate in this program please contact Joan Groh in the Office of Academic Partnerships at joan.groh@asu.edu [11].

Participating Colleges

Bellevue College
Edmonds Community College
Green River Community College
Highline College
North Seattle Community College
Olympic College
Peninsula College
Pierce College
Seattle Central Community College
Shoreline Community College
South Seattle Community College

Source URL: <https://transfer.asu.edu/washington>

Links:

- [1] <https://about.asu.edu/rankings>
- [2] <https://webapp4.asu.edu/pathway/app/gpa?state=wa>
- [3] <https://transfer.asu.edu/apply>
- [4] <https://transfer.asu.edu/timeline>
- [5] <https://transfer.asu.edu/contact>
- [6] <https://webapp4.asu.edu/programs/>
- [7] <https://webapp4.asu.edu/pathway/app/gpa;jsessionid=5223EF215F4574BC8FA911E5B3E61E0F.pathway9?state=WA>
- [8] <https://transfer.asu.edu/transfer-credits>
- [9] <https://webapp4.asu.edu/programs/t5/>

[10] <https://students.asu.edu/admission/wue>

[11] [mailto: joan.groh@asu.edu](mailto:joan.groh@asu.edu)

Students from Four-Year Institutions

Transfer from College to ASU

Transfer to ASU from another four-year college or university and find out what makes ASU one of the top-ranked public universities [1] in the nation and the world.

- Choose from more than 300 undergraduate degree programs [2], 250 study abroad programs, and 1,000 student clubs.
- Conduct undergraduate research, learn in state-of-the-art classrooms and labs, and receive career guidance and support as you seek internships and career opportunities upon graduation.
- Save on tuition in the Western Undergraduate Exchange [3] program.

Western Undergraduate Exchange

As a WUE school, Arizona State University offers students from 14 Western states (not including Arizona) the opportunity to study at a discounted nonresident tuition rate in more than 60 undergraduate degree programs. Learn more about the Western Undergraduate Exchange program [4].

Transfer Credits to ASU

When you transfer from a college to ASU, you have tools and resources to help you make the most of your earned credits.

- View the Transfer Credit Guide [5] to find out how credits transfer to ASU.
- Find more information about transfer admission requirements [6] at ASU.

Get Help with Your Transfer to ASU

In addition to online tools, at Arizona State University you have access to expert transfer specialists who can help you plan your transfer from a university to ASU, choose an undergraduate major or minor, apply for financial aid and more. Talk to an ASU transfer specialist [7].

Source URL: <https://transfer.asu.edu/transfer-college-asu>

Links:

[1] <https://about.asu.edu/rankings>

[2] <https://webapp4.asu.edu/programs/t5/undergrad?init=false&nopassive=true>

[3] <https://students.asu.edu/admission/wue>

[4] <https://students.asu.edu/admission/wue>

[5] <https://transfer.asu.edu/transfer-credits>

[6] <https://transfer.asu.edu/apply>

[7] <https://transfer.asu.edu/contact>

Transfer to ASU from a Two-Year School

Transfer to ASU from a two-year school and take your associate degree to a bachelor's degree or beyond. With more than 300 undergraduate degree programs [1], Arizona State University is the top choice for students who transfer from a community college or junior college.

- ASU is ranked one of the top universities in the world and in the United States by the Academic Ranking of World Universities [2].
- The Princeton Review ranked ASU one of the country's top universities for undergraduate education [3] in its 2015 edition of "The Best 379 Colleges."
- ASU was named one of the top best buy public colleges [4] in the United States, Canada, and the United Kingdom.

See more reasons to transfer to ASU [5].

Transfer Credits to ASU

To make it easier for students to transfer to ASU, we have established special transfer partnerships with two-year schools in Arizona, California, Texas and Washington:

Transfer to ASU from an Arizona community college [6]

Transfer to ASU from a California community college [7]

Transfer to ASU from an Illinois community college [8]

Transfer to ASU from a Washington community college [9]

Arizona State University is also part of the Western Undergraduate Exchange [10], offering students from 14 Western states (not including Arizona) the ability to study at a discounted nonresident tuition rate in more than 60 undergraduate degree programs.

To learn more about how credits transfer to ASU, view the Transfer Credit Guide [11].

Find more information about ASU's transfer admission requirements [12].

Get Help with Your Transfer to ASU

If you plan to transfer to ASU from a community college or junior college, ASU offers tools and resources to help you make the most of your earned credits, choose an undergraduate major or minor, apply for financial aid, and more. Talk to an ASU transfer specialist [13] to learn more.

Source URL: <https://transfer.asu.edu/communitycolleges>

Links:

[1] <https://webapp4.asu.edu/programs/t5/undergrad?init=false&nopassive=true>

[2] <http://www.shanghairanking.com/ARWU2014.html>

[3] <https://asunow.asu.edu/content/asu-named-one-nations-best-universities-undergrad-education>

[4] <https://asunow.asu.edu/content/asu-ranks-among-top-best-buy-public-colleges>

[5] <https://about.asu.edu/rankings>

[6] <https://transfer.asu.edu/communitycollege/AZ>

[7] <https://transfer.asu.edu/california>

[8] <https://transfer.asu.edu/illinois>

[9] <https://transfer.asu.edu/washington>

[10] <https://students.asu.edu/admission/wue>

[11] <https://transfer.asu.edu/transfer-credits>

[12] <https://transfer.asu.edu/apply>

[13] <https://transfer.asu.edu/contact>

How Credits Transfer to ASU

ASU will accept transfer credit for traditional course work you have successfully completed at regionally accredited institutions of higher education as documented on an official transcript. Please keep in mind that 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.

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.
- Some ASU colleges/schools may not accept credit for courses that are evaluated with nontraditional grading systems (e.g., pass/fail).

- 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.
- 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 the student is enrolled at ASU.
- 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.
- The ASU college of a student's major determines how transfer courses fulfill the degree requirements of the ASU major. The student should review the degree requirements of the program into which they intend to transfer and talk with an academic advisor about the transfer credits and how they will apply to the degree program. Search ASU's academic programs and read program requirements.
- 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 course work taken at ASU.

Types of Transfer Credits NOT accepted by ASU:

- courses in which the student earned below "C-" as the 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

A student wishing to transfer to ASU who feels they have been unjustly denied credit for transfer courses may appeal to the appropriate committee.

See <https://transfer.asu.edu> [1] for more information.

Source URL: <https://catalog.asu.edu/transfer>

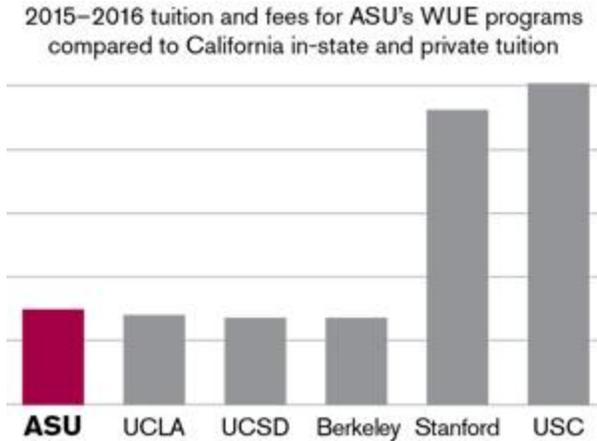
Links:

[1] <https://transfer.asu.edu>

Western Undergraduate Exchange

The Western Undergraduate Exchange (WUE) is a program coordinated by the Western Interstate Commission for Higher Education (WICHE). 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 the Downtown Phoenix, Polytechnic and West campuses. See the complete list of participating programs [1].



Enrollment Information

- New Undergraduate Student-Eligibility Requirements [2]
- Current Student-Eligibility Requirements [3]
- Maintaining Eligibility [4]

Contact Information

For General WUE Information visit the Western Undergraduate Exchange [5] website.

Prospective Student Contact

Admission Services
PO Box 870112, Tempe, AZ 85287-0112
Phone: 480-965-7788

Current students with questions on maintaining eligibility, should contact the University Registrar Services at 602-543-8180 or by emailing WUE@asu.edu [6].

Source URL: <https://students.asu.edu/admission/wue>

Links:

- [1] <https://webapp4.asu.edu/programs/t5/programs/Keyword/wue/undergrad/false>
- [2] <https://students.asu.edu/wue/new-student-wue-eligibility-requirements>
- [3] <https://students.asu.edu/wue/current-student-wue-eligibility-requirements>
- [4] <https://students.asu.edu/wue/wue-maintaining-eligibility>
- [5] <http://wiche.edu/wue>
- [6] <mailto:WUE@asu.edu>

Nondegree Student Admission

Understanding nondegree 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, who has not earned a bachelor's degree, who is not attending full time, and who is not, at this time, applying to a degree program.

- 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 semester hours for each 5-week summer session and nine semester hours for the 8-week summer session.
- Nondegree students may apply up to 15 hours taken in nondegree status to a degree program if you 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, an applicant must be a high school graduate.

Students currently enrolled in high school and persons under the age of 18 may be admitted as nondegree students by submitting an official high school transcript and a letter of approval from a high school counselor or principal.

Applicants must have a 3.0 cumulative GPA in Arizona Board of Regents competency courses [1] to be considered for admission.

Apply now. [2]

Priority application deadlines

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.

Fall semester: May 1

Spring semester: December 1

Summer session: May 1

Nondegree applications received after the priority date for each semester will be considered on a space-available basis. Space is limited in some courses and degree-seeking students have priority registration over nondegree-seeking students.

Application procedures

1. Complete the Undergraduate Admission Application [3].
2. Submit the nonrefundable application fee:
 - Arizona residents - \$50.
 - Non-residents and online - \$65.
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 [4] using your ASURITE ID provided to you after you submitted your application.

Mailing Address (All materials, all campuses)

Admission Services
Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Undergraduate Admissions Contact Information and Office Locations [5]

Source URL: <https://students.asu.edu/admission/nondegree>

Links:

- [1] <http://students.asu.edu/admission/competencies>
- [2] <http://www.asu.edu/ugapp>
- [3] <http://www.asu.edu/ugapp>
- [4] <https://my.asu.edu>
- [5] <https://students.asu.edu/contact/admissions>

Undergraduate Readmission

Quick Re-entry

If you are an undergraduate degree seeking student who previously attended ASU but have not been enrolled at ASU for **one or two consecutive fall or spring semesters** you are 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 [1] and register for classes. Note that you may have a hold or Priority Tasks that you need to complete before you are able to register for classes. International students are still responsible for all SEVIS requirements and should check with the International Students and Scholars Office [2] at ASU.

NOTE: you must submit official transcript(s) from any institution(s) 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 institution(s). ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax. See Mailing Address.

Readmission Requirements

If you are not eligible for "Quick Re-entry" (i.e., because you have not been enrolled at ASU for **three or more semesters**, completed your academic program or were academically disqualified), you must apply for readmission [3] and submit applicable fees. An applicant for readmission must have an ASU GPA of 2.0 or higher, depending on the ASU school or college. Students who do not meet this GPA 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.

NOTE: you must submit official transcript(s) from any institution(s) you attended during your absence from ASU. Official transcripts must be mailed directly to Admission Services by the records office of the issuing institution(s). ASU does not accept transcripts sent or carried by hand by applicants themselves or transmitted by fax. See Mailing Address. Read more about transferring college credit to ASU [4].

Priority 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 December 1. Readmission applications received after December 1 will be considered on a space-available basis. Space is limited in some programs and admission to these programs is more competitive.

Summer Semester

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 [5] or a transfer student [6].

Application Procedures

1. Complete the Undergraduate Admission Application [7]. ASU prefers that you apply online.
2. Submit the nonrefundable application fee:

- Arizona Residents - \$50
- Non-residents - \$70
- International \$85

If applying to an Online degree program a nonrefundable application fee of \$70 will be charged regardless of residency classification.

3. 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. A student who does not meet readmission requirements for his/her selected major must submit complete transcripts before an admissions decision is made. Students 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.

4. All applicants on F1 or J1 visas must provide a Financial Guarantee to show evidence of sufficient funds available for their studies before the application can be processed.

In addition, US Citizenship and Immigration Services (USCIS) requires ASU to obtain additional information prior to processing your visa application. You must go to My ASU [1] and login, and then update address information showing Local and SEVIS addresses (list current US address as Local Address; add home country address as SEVIS Address). Please note that if you are readmitted, you must still meet all deadlines associated with the issuance of an I-20 to attend ASU. These deadlines are dependent upon your current location. Contact International Admission Services at asuinternational@asu.edu [8] or 480-965-2437.

Mailing Address (Transcripts and other materials, all campuses)

Admission Services
Arizona State University
PO Box 870112
Tempe, AZ 85287-0112

Admission Before Receipt of Final Transcript

Applicants enrolled in other colleges and universities may be considered for readmission on the basis of meeting all readmission requirements, except for a final transcript of work in progress. This final transcript must be sent to Admission Services directly from the issuing institution immediately after the work in progress has been completed. **Transcripts carried by hand are not accepted.**

Admission is official only after the final transcript has been received showing that the applicant has met the university readmission requirements. In the event the applicant does not qualify or has falsified application documents, readmission and registration are canceled, and any registration fees paid are returned according to university refund policies.

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

1. are honorably discharged;

2. have served in the armed forces of the United States for a minimum of two years; and
3. have previously enrolled at a university or community college in Arizona.

Military service records must be submitted, including form DD 214.

Academic Renewal

Academic renewal is a university policy administered to recalculate the cumulative ASU GPA of an undergraduate student who:

1. Is pursuing his/her first undergraduate degree and has not previously received an academic renewal; and
2. 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); and
3. 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 "C" (2.00) or higher was earned 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 reentry. 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 your 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 effected 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 have been absent from ASU 5 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 Readmissions Contact Information and Office Locations (for all campuses)

Phone: 480-965-7788

Fax: 480-965-3610

Location: Student Services Building, Room 112, Tempe campus (map [9])

Source URL: <https://students.asu.edu/readmission>

Links:

[1] <http://my.asu.edu>

[2] <https://global.asu.edu/>

[3] https://webapp4.asu.edu/uga_admissionsapp/

[4] <https://transfer.asu.edu/transfer-credits>

[5] <https://students.asu.edu/freshman/requirements>

[6] <https://transfer.asu.edu/apply>

[7] https://webapp4.asu.edu/uga_admissionsapp/

[8] <mailto:asuinternational@asu.edu>

[9] <http://www.asu.edu/map/interactive/?campus=tempe&building=SSV>

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 of more than two semesters from ASU.

Note: If you are an undergraduate degree-seeking student who previously attended ASU but have not been enrolled at ASU for **one or two consecutive fall or spring semesters** you may be eligible to return to ASU through Quick Re-entry [1]. Students are not required to process an LOA for absences of one or two 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.
 - 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.
 - Students who were readmitted but did not attend will not be eligible for an LOA. Instead, they should contact the Undergraduate Admissions office.
 - Students who are participating in an ASU-sponsored study abroad program need not apply for an LOA; however, students who are participating in a non-ASU-sponsored study abroad program should take advantage of the LOA policy, if eligible.
3. Be in academic good standing, on probation, or on 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.

Undergraduate students considering taking an absence from ASU should carefully review the policies and procedures for submitting an Undergraduate Leave of Absence Request [3].

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 enrollment appointment 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 enrollment appointments, 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 agreed term and have not reached the cumulative total of two years (four major terms) on leave, then you may petition for an extension through the college of your major. To extend your LOA, please complete the LOA form [3] and meet with your college for approval. Once the college signs the LOA extension form, return the form to any University Registrar Services location [7] for processing. If an extension is not granted, you will need to follow readmission procedures before you will be allowed to return to ASU.

Q. How will the university inform me regarding upcoming enrollment, deadlines and holds that may occur while on leave of absence?

A. We recommend checking your My ASU [4] page often during your leave of absence so that you may stay informed about enrollment appointments, financial aid and tuition deadlines and advising holds that may occur prior to the end of your leave.

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. 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 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 [7]

Source URL: <https://students.asu.edu/leave-absence>

Links:

- [1] <https://students.asu.edu/readmission>
- [2] <https://students.asu.edu/tuitionandbillingcontact>
- [3] <https://students.asu.edu/forms/leave-absence-undergraduate>
- [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/contact/office-university-registrar>
- [8] <https://students.asu.edu/registration-and-tuition-payment-guide>
- [9] <https://students.asu.edu/forms/registration>

Attendance

The instructor has full authority to decide whether class attendance is required.

Source URL: <http://catalog.asu.edu/attendance>

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 (AGEC).

The AGEC is composed of 35-37 semester hours of lower-division general education course work in which a student may prepare for transfer.

The AGEC has three forms: AGEC-A, AGEC-B and AGEC-S. Refer to <http://www.aztransfer.com/AGECReqs> [1] for a detailed description of each AGEC.

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 area of study. To complete a degree program most efficiently, students should select courses that concurrently satisfy AGEC and major requirements.

Completion of any AGEC guarantees admission to the university provided that a GPA of 2.00 (for Arizona residents) or 2.50 (for nonresidents) 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 course work. 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 course work that is relevant to the requirements of their intended major and degree.

Students who complete both the AGEC and an approved associate's degree will be assigned junior class standing by the state universities. Junior class standing is based on the number of semester credits a student has earned and does not necessarily indicate the remaining number of semester credits 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 transfer pathways [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] <http://www.aztransfer.com/AGECReqs>

[2] <https://transfer.asu.edu/communitycollege/AZ>

Course Load and Concurrent Enrollment

Course

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 (with the exception of a 19-hour maximum 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 Semester 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 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 higher may count up to 12 credit hours of graduate-level course work 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 total credits 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; see enrollment verification [1].

Source URL: https://catalog.asu.edu/course_load

Links

[1] <http://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 can 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, however, 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 of in which order the test or course are taken. (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 2016 – July 2017) will earn credit based on the credit equivalency found in the current catalog. **If the test was taken in a prior academic year, please refer to the catalog for that year or search the Transfer Credit Guide [1] for more information.**

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) diploma/certificate [5] 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, please 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 requirement 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, 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). For test scores for French, German, and Spanish, see the CLEP credit table, below.

All equivalency is subject to future review and possible catalog change. For more information, contact University Testing and Scanning Services [10] at 480-965-7146, or visit 1130 E. University Dr., Suite 204, Tempe, AZ.

CLEP Credit

Examination	Semester Hours	Equivalency
American Government	3	POS 110
American Literature	3	Elective credit
Analyzing and Interpreting Literature	3	Elective credit
Biology	8	BIO 181, 182
Calculus	3 4	MAT 265 MAT 270
Chemistry	4	CHM 113 (Students must score 50 or higher.)
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	3	MAT 142
English Literature	3	Elective credit
Financial Accounting	6	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
History of the United States II—1865 to the Present	3	HST 110
Human Growth and Development	3	CDE 232
Humanities	0	No credit
Information Systems and Computer Applications	0	No credit
Introduction to Educational Psychology	0	No credit
Introductory Business Law	3	Elective credit
Introductory Psychology	3	PGS 101 or PSY 101
Introductory Sociology	3	SOC 101
Natural Sciences	6	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
Spanish Language	4 8 12 16	SPA 101 (Students must score 50–54.) SPA 101, 102 (Students must score 55–65.) SPA 101, 102, 201 (Students must score 66–67.) SPA 101, 102, 201, 202 (Students must score 68 or higher.)
Western Civilization I— Ancient Near East to 1648	3	HST 102 or 103
Western Civilization II— 1648 to the Present	3	HST 104

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.

Advanced Placement Credit

Examination	Score	Semester Hours	Equivalency
Art—History	5 or 4 3	6 3	ARS 101, 102 ARS 101
Biology	5 or 4 3	8 4	BIO 181, 182 BIO 100
Calculus AB	5, 4, or 3	4	MAT 270
Calculus BC	5 or 4 3	8 4	MAT 270, 271 MAT 270

Chemistry	5 4	8 4	CHM 113, 116 CHM 113
Chinese Language and Culture	5 4 3	20 15 10	CHI 101, 102, 201, 202 CHI 101, 102, 201 CHI 101, 102
Comparative Government and Politics	5 or 4	3	POS 150
Computer Science A	5 or 4	3	ACO 101, CSE 110 or SER 100
Computer Science AB	5 or 4	6	CSE 110, 205
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 4 3	14 11 8	FRE 201, 202, 311, 312 FRE 201, 202, 311 FRE 201, 202
German Language and Culture	5 4 3	14 11 8	GER 201, 202, 311, 312 GER 201, 202, 311 GER 201, 202
Human Geography	5 or 4	3	GCU 102

Japanese Language and Culture	5 4 3	20 15 10	JPN 101, 102, 201, 202 JPN 101, 102, 201 JPN 101, 102
Latin: Vergil	5 4 3	16 12 0	LAT 101, 102, 201, 202 LAT 101, 102, 201 No Credit
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	3, 4 or 5	4	PHY 111, 113
Physics—AP Electricity and Magnetism C	3, 4 or 5	4	PHY 112, 114
Psychology	5 or 4	3	PGS 101 or PSY 101
Spanish—Language	5 4 3	14 11 0	SPA 201, 202, 294 and 313 SPA 201, 202 and 294 No Credit
Spanish—Literature	5 4 3	15 12 8	SPA 111, 201, 202, 325 SPA 111, 201, 202 SPA 201, 202
Statistics	5, 4 or 3	3	STP 226
Studio Art: Drawing	5 or 4	3	ART 111
Studio Art: 2-D Design	5 or 4	3	ART 112

Studio Art: 3-D Design	5 or 4	3	ART 115
U.S. Government and Politics	5 or 4	3	POS 110
U.S. History	5 or 4	6	HST 109 and 110
World History	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 may be assigned elective credit. To receive credit, a transcript showing the DSST results must be received by ASU directly from the Educational Testing Service.

Dantes/DSST

DSST Exam	ASU Credit	Score	Semester Hours
A History of the Vietnam War	No credit		
An Introduction to the Modern Middle East	Elective credit	400	3
Art of the Western World	ARS 101 or 102	400	3
Astronomy	No credit		
Business Ethics and Society	No credit		
Business Mathematics	Elective credit	400	3
Criminal Justice	CRJ 100	400	3
Environment and Humanity: The Race to Save the Planet	Elective credit	400	3
Ethics in America	Elective credit	400	3

Foundations of Education	Elective credit	400	3
Fundamentals of College Algebra	MAT 117	400	3
Fundamentals of Counseling	Elective credit	400	3
General Anthropology	No credit		
Here's to Your Health	No credit		
Human Resource Management	No credit		
Human/Cultural Geography	GCU 102	400	3
Introduction to Business	Elective credit	400	3
Introduction to Computing	Elective credit	400	3
Introduction to Law Enforcement	CRJ 230	400	3
Introduction to World Religions	No credit		
Lifespan Developmental Psychology	Elective credit	400	3
Management Information Systems	Elective credit	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 Finance	No Credit		
Principles of Physical Science I	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
Rise and Fall of the Soviet Union	Elective credit	400	3
Substance Abuse (formerly Drug and Alcohol Abuse)	No credit		
Technical Writing	Elective credit	400	3
The Civil War and Reconstruction	Elective credit	400	3

International Baccalaureate (IB) diploma/certificate

Students who present an International Baccalaureate diploma/certificate 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 only. A 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 diploma/certificate credit table below.

International Baccalaureate Diploma/Certificate Credit

Examination*	Score	Semester Hours	Equivalency
Art/Design	7, 6 or 5 4	6 3	ART 111, 112 ART 112
Biology	7, 6 or 5 4	8 4	BIO 181, 182 BIO 100
Business and Management	7, 6 or 5 4	3 0	Elective (3) No Credit

Chemistry	7, 6 or 5 4	8 4	CHM 113, 116 CHM 113
Classical Languages (Latin)	7, 6 or 5 4	8 4	LAT 101, 102 LAT 101
Computer Science	7, 6 or 5	3	ACO 101, CSE 110 or SER 100
Economics	7, 6 or 5	6	ECN 211, 212
English A	7, 6 or 5 4	3 0	ENG 101 or Elective No Credit
English B	No credit	0	None
Geography	7, 6, 5 or 4	3	GCU 102
History—American	7, 6 or 5 4	6 3	HST 109, 110 HST 109
History—East and Southeast and Oceania	7, 6 or 5 4	6 3	HST 107, 240 HST 107
History—European	7, 6 or 5 4	6 3	HST 103, 104 HST 103
Mathematics	7, 6 or 5 4	4 0	MAT 270 No Credit
Music	7, 6 5, or 4	3	MTC 125
Modern Languages: Chinese	7 6 5	15 10 5	CHI 102, 201, 202 CHI 102, 201 CHI 102
Modern Languages: French	7, 6 or 5 4	8 8	FRE 201, 202 FRE 101, 102

Modern Languages: German	7, 6 or 5 4	8 8	GER 201, 202 GER 101, 102
Modern Languages: Japanese	7 6 5	16 15 10	JPN 201 and JPN 202, JPN 301 and JPN 302 JPN 102, 201, 202 JPN 102, 201
Modern Languages: Spanish	7, 6 or 5 4	8 8	SPA 201, 202 SPA 101, 102
Philosophy	5 or 4	0	No Credit
Physics	7, 6 5	8 4	PHY 111, 112, 113, 114 PHY 111, 113
Psychology	7, 6, 5	3	PGS 101 or PSY 101
Social and Cultural Anthropology	7, 6, 5 or 4	3	ASB 102
Theatre	7, 6, 5 or 4	3	THE 100
Visual Arts	7, 6 or 5 4	6 3	ART 111, 112 ART 112

* 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.

Cambridge International Exam

Examination	Score	Semester Hours	Equivalency
Accounting AS-Level Accounting A-Level	E or better E or better	3 6	Elective Elective
Art and Design AS-Level* Art and Design A-Level*	E or better E or better	3 6	ART 194 ART 194
Biology AS-Level Biology A-Level	C or better D or better	4 8	BIO 181 BIO 181 and 182
Business Studies AS-Level Business Studies A-Level	E or better E or better	3 6	Elective Elective
Chemistry AS-Level Chemistry A-Level	D or better D or better	4 8	CHM 101 CHM 101 and CHM 113
Chinese AS-Level Chinese A-Level	C or better C or better	5 10	CHI 101, CHI 102 and CHI 201 CHI 101, CHI 102, CHI 201 and CHI 202
Design and Technology AS-Level Design and Technology A-Level	E or better E or better	0 0	No credit No credit
Economics AS-Level Economics A-Level	E or better D or better	0 6	No credit ECN 211 and ECN 212
English Language AS-Level English Language A-Level	E or better E or better	3 6	Placement into ENG 105 and elective credits (3) Placement into ENG 105 and elective credits (6)
Literature in English AS-Level	E or better	3	Placement into ENG 105

Literature in English A-Level	E or better	6	and elective credits (3) Placement into ENG 105 and elective credits (6)
Environmental Management AS-Level	D or better	4	BIO 130
Food Studies A-Level	E or better	6	NTR 100 and NTR 142
French AS-Level	C or better	4	FRE 101
French A-Level	C or better	8	FRE 101 and FRE 102
General Paper (Writing) AS-Level	E or better	3	Placement into ENG 105 and an elective
Geography AS-Level	E or better	3	GCU 194
Geography A-Level	E or better	6	GCU 194
Global Perspectives AS-Level	E or better	3	Placement into ENG 105 and an elective
History AS-Level	E or better	3	Elective credit
History A-Level	E or better	6	Elective credit
Marine Science AS-Level	D or better	4	BIO 100
Marine Science A-Level	D or better	8	BIO 100 and BIO 130
Mathematics AS-Level	E or better	3 to 4	MAT 170 or 171
Mathematics A-Level	E or better	3 to 4	MAT 170 or 171
Mathematics-Further AS-Level	E or better	4	MAT 270
Mathematics-Further A-Level	E or better	8	MAT 270 and MAT 271
Music AS-Level	D or better	3	MUS 194
Music A-Level	D or better	6	MUS 194
Physical Science AS-Level	E or better	3	Elective credit
Physics AS-Level	E or better	4	PHY 101

Physics A-Level	E or better	8	PHY 111, PHY 113, PHY 112 and PHY 114
Psychology AS-Level	E or better	3	PSY 101
Psychology A-Level	E or better	6	PSY 101 and PSY 294
Sociology AS-Level	E or better	3	SOC 101
Sociology A-Level	E or better	6	SOC 101 and SOC 294
Spanish AS-Level	C or better	4	SPA 101
Spanish A-Level	C or better	8	SPA 101 and SPA 102
Travel and Tourism AS-Level	E or better	3	TDM 205
Travel and Tourism A-Level	E or better	6	TDM 294
*Credit awarded depends on content of course completed; see 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 semester hours of credit 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 semester hours for the course. When completed, the application must be approved by the student's advisor and the chair 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 chair 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?init=false&nopassive=true>

[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>

Enrollment 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 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.

If you have questions or need additional information, please contact University Registrar Services, Records & Enrollment Services at 480-965-3124 or registrar@asu.edu [4].

Enrollment & Degree Verification for Outside Agencies and Third Parties

ASU has contracted with the National Student Clearinghouse [5] 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 [5] 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 [6] 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 [6] to determine the required enrolled hours needed for financial aid disbursement.

Source URL: <https://students.asu.edu/enrollment-verification>

Links:

[1] <http://webapp4.asu.edu/myasu/>

[2] <http://students.asu.edu/forms/enrollment-verification>

[3] <http://students.asu.edu/contact/office-university-registrar>

[4] <mailto:registrar@asu.edu>

[5] <http://www.studentclearinghouse.org/>

[6] <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 college name in policy title to differentiate it from University policy.

University Academic Probation: [2]

An undergraduate student with a cumulative GPA that has dropped below a 2.00 at the end of semester (fall or spring), is placed on University Academic Probation.

- Colleges may establish specific criteria for their own Academic Probation status, to be defined as "College Name" Academic Probation. 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 above a 2.00, but remains below a Cumulative GPA of 2.00.

- Colleges may establish individual time limits 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. The student co-enrolls at a Maricopa 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.

Ineligible: [4]

A student who is in University Academic Good Standing, but is ineligible to remain in their major based on college specific academic requirements. To be phased out for 15-16 with new tracking requirements and University Academic Good Standing policies.

Disqualified: [5]

A student on University Academic Probation who does not earn a semester (fall or spring) GPA of 2.00 or greater. Students who are disqualified are not permitted to enroll at ASU in any subsequent fall or spring semester.

Satisfactory Progress: [6]

This term is used in different ways for students with regards to financial aid, sponsored international programs, athletics and with regards to receiving veteran's benefits. It is a complex calculation which is major and situation specific. This term should not be utilized to refer to Academic Standing.

Progression: [6]

This term is used to refer to how a student meets milestones and degree requirements to enable movement towards achieving degree completion. This term should not be utilized to refer to Academic Standing.

Reinstatement: [7]

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: [8]

Undergraduate degree seeking students who previously attended ASU but have not been enrolled at ASU for one fall or spring semester or no more than two consecutive semesters are eligible to return through "Quick Re-entry." Students do not need to submit a new application or application fee.

Readmitted: [8]

Students not eligible for "Quick Re-entry" (i.e., because they have not been enrolled at ASU for three or more semesters, completed their academic program or were academically disqualified), 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.

Off Track:

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:

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.

On Track:

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:

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:

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.

Critical Requirement: [9]

As identified on the major map, as a curricular or non-curricular 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 non-curricular degree requirement that the faculty have identified as necessary for timely completion of degree requirements. Necessary requirements appear in terms 5-8.

8 Semester Tracking:

The evaluation of how completed courses meet degree requirements in a specific term. Includes both critical and necessary courses. Also refers to the student application for viewing all major map requirements and progression towards meeting those requirements (personalized major map).

eAdvisor: [10]

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).

Milestones:

A curricular or non-curricular requirement that needs to be completed by a specific point in time. Examples: portfolio review or audition.

Concurrent Degree: [11]

Internal to the university, two degrees, same level, same time, 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:

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 bachelors/masters (4 + 1) [12]

The 4+1 accelerated bachelor's and master's degrees are designed by the academic units to provide selected high-achieving undergraduate students with the opportunity to combine advanced undergraduate course work with graduate courses work 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 bachelors/masters (3 +2):

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.

Source URL: <https://catalog.asu.edu/glossary>

Links

- [1] https://catalog.asu.edu/retention_standing#goodstanding
- [2] https://catalog.asu.edu/retention_standing#probation
- [3] https://catalog.asu.edu/retention_standing#coenrolled
- [4] https://catalog.asu.edu/retention_standing#ineligible
- [5] https://catalog.asu.edu/retention_standing#disqualified
- [6] https://catalog.asu.edu/retention_standing#progress
- [7] https://catalog.asu.edu/retention_standing#reinstatement
- [8] <https://students.asu.edu/readmission>
- [9] <https://catalog.asu.edu/undergraduatereq/#eadvisor>
- [10] <https://eadvisor.asu.edu/>
- [11] <https://catalog.asu.edu/undergraduatereq/#concurrent>
- [12] <https://students.asu.edu/graduate/acceleratedprograms>

Placement and Testing Requirements

English Placement

All new, transfer or readmitted undergraduate students who plan to enroll for seven or more semester hours must meet one of the following testing requirements. Students who fail to meet at least one of these requirements are not allowed to register for any course the following semester:

- Take the ACT English or SAT verbal examination, and have scores submitted to ASU.
- Receive a score of four or five for the advanced placement examination in English offered by the College Entrance Examination Board, and have scores submitted to ASU.
- Take the CLEP general examination in College Composition, earning a score that qualifies for equivalency with ENG 101 or placement into ENG 105, and have scores submitted to ASU.
- Have previously taken ENG 101, ENG 102, ENG 105, ENG 107 or ENG 108 at ASU; or have previously earned a grade of "Y;" or be currently enrolled in WAC 101 or WAC 107 at ASU. If the course was taken before 1980, contact the recording section, in SSV 142, before registering for classes.
- Transfer a course equivalent to ENG 101, ENG 102, ENG 105, ENG 107 or ENG 108 with a grade of "C" (2.00) or higher. An official transcript showing the grade must be received at ASU. If a student transfers an equivalent composition course from a public Arizona community college or university or an articulated equivalent course from another institution, the equivalency is automatically posted and the student need not take further action. A student transferring a nonarticulated composition course from any other college or university may be required to submit

documentation to determine equivalency of the courses. After consultation with an advisor, if evaluation is necessary, the student should submit a request for evaluation through the ASU Transfer Credit Guide [1].

- An international student whose native language is not English must take ENG 107 (or WAC 107 followed by ENG 107 the second semester) in the first semester at ASU, unless they have taken and transferred an equivalent composition course from a college or university in the U.S. Such a course must be evaluated for equivalency through the ASU Transfer Credit Guide [1].

Admitted ASU students who have not sent official ACT or SAT scores to ASU may need to take the WritePlacer section of the ACCUPLACER placement test [2] for placement into a first-year English composition course.

Math Placement

ASU requires all incoming freshmen to complete the ASU mathematics placement test [3] for mathematics prior to orientation, in order to determine the appropriate math course for enrollment.

Source URL: https://catalog.asu.edu/test_req

Links

[1] <http://asu.edu/transfercredit>

[2] http://asu.edu/uts/e_accuplacer.htm

[3] <http://students.asu.edu/node/7768>

Retention and Academic Standards

Class Standing

A student's class standing is determined by the number of hours earned, as shown in the table below.

Student	Hours Earned
Freshman	24 or fewer semester hours earned
Sophomore	25 to 55 semester hours earned
Junior	56 to 86 semester hours earned
Senior	87 or more semester hours earned
Graduate	bachelor's from accredited institution

Academic Good Standing

For the purpose of retention, university academic good standing [1] for degree-seeking students is defined as a minimum cumulative GPA of 2.00. This standard is in effect for all students, regardless of catalog year, beginning in fall 2013.

A student who does not maintain the minimum GPA standard is placed on academic probation or is disqualified. A student on academic probation is in conditional good standing and is permitted to enroll.

Students on academic probation must meet with an academic success specialist to discuss academic success strategies for the subsequent semester and will be required to take UNI 220 Academic Refresher. In addition, students who have fewer than 24 credit hours will be required to participate in the ASU Pathway for Achieving Student Success Program. Students who successfully complete UNI 220 and participate in the PASS program will get an additional semester of

academic probation before being disqualified. More information on the PASS program can be found here: <https://studentsuccess.asu.edu/pass> [2].

To transfer from one college to another within the university or to be eligible for readmission, a student must have an ASU GPA of 2.00 or higher. The GPA determining good standing is computed on courses taken only at ASU.

For purposes of retention or transfer, an individual college may set higher GPA standards; otherwise, the university standards prevail. See the college sections of this catalog or contact the college deans' offices for statements regarding college retention standards.

Dean's List

Undergraduate students who earn 12 or more graded semester 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 are eligible for the Dean's List. A notation regarding Dean's List achievement appears on the unofficial transcript.

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 Student Financial Assistance or the Veterans Services offices, 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. This includes 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 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 disqualified student is notified 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 student who has been disqualified may apply for reinstatement to the college standards committee. 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. See "Probation."

Reinstatement

A disqualified or ineligible student who has skipped a fall or spring semester must follow the procedures for readmission. See readmission to the university [6].

A disqualified or in ineligible student who has not skipped a semester may contact an advisor in his or her college to see if reinstatement is possible. (See reinstatement [7].) If the student wishes to transfer to a different college, he or she may submit an application for reinstatement to the college into which he or she wishes to transfer. An ineligible student who does not skip a fall or spring semester must follow the ineligible procedures. See ineligible status.

Academic Integrity

Find out more about academic integrity [8].

Source URL: https://catalog.asu.edu/retention_standing

Links

- [1] <https://catalog.asu.edu/glossary#goodstanding>
- [2] <https://studentsuccess.asu.edu/success-programs/pass>
- [3] <https://catalog.asu.edu/glossary#progress>
- [4] <https://catalog.asu.edu/glossary#probation>
- [5] <https://catalog.asu.edu/glossary#disqualified>
- [6] <http://students.asu.edu/readmission>
- [7] <https://catalog.asu.edu/glossary#reinstatement>
- [8] <http://provost.asu.edu/academicintegrity>

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 depth of knowledge in a particular academic or professional discipline, students should also be broadly educated and develop the general intellectual skills they 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 hours required to meet the General Studies L requirement are in addition to the university level upper-division L requirement. See university graduation requirements 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/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 hours of credit 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 are devoted to the study of aesthetic experiences and the processes of artistic creation. They may also 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.

A total of 12 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 one of these two core areas.

The 12 hours required to meet the General Studies HU/SB requirement are in addition to the university level upper-division HU/SB requirement. See university graduation requirements 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 in 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).

- Natural Science — Quantitative (SQ): These laboratory courses include a substantial introduction to the fundamental behavior of matter and energy in physical and biological systems.
- Natural Science — 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 successfully complete 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; see credit by examination [2]. However, CLEP credits do not satisfy the natural sciences (SQ and SG) and literacy and critical inquiry (L) portions of the General Studies requirement.

Transfer Credit

Completion of ASU's lower-division general studies and composition requirements will be awarded to any transfer student who has completed the general studies and composition requirements at another domestic university as certified through completion of the AGECE from an Arizona community college or IGETC/CSUGE for California public community colleges, or the completion of an associate of arts degree at any regionally accredited community college or university in the United States. These students will still be required to fulfill lower-division program requirements and prerequisites within their college and major and minor area of study. Additionally, students must still 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 AGECE or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. See Arizona General Education Curriculum [3].

University Requirements

In addition to the 29 credit hours of lower-division general education coursework, university graduation requirements 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 must also 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 concurrently satisfy 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/credit_exam#CLEP

[3] <https://catalog.asu.edu/agec>

University Undergraduate 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. A minimum of 45 credit hours in upper-division courses is required for graduation. Some programs may require more than 120 credit hours and 45 upper-division credit hours for graduation; check the program's 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 and International Baccalaureate diploma/certificate 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 more than a 2.00 GPA; refer to the specific program's major map for graduation requirements.

General Studies Requirement

All students enrolled in a baccalaureate degree program must satisfy a university requirement of a minimum of 29 credit hours of approved course work. See **General Studies [1]**.

Students transferring from Arizona community colleges with a certified completion of the appropriate Arizona General Education Curriculum will have satisfied all lower-division General Studies requirements of the baccalaureate degree with which the AGECE articulates. Completion of ASU's lower division general studies and composition requirements will also be awarded to any transfer student who has completed the IGETC/CSUGE for California public community colleges or an associate of arts degree at any regionally accredited community college or university in the United States. For more details regarding the different versions of AGECE, refer to <http://aztransfer.com/> [2].

An additional combined six hours of Literacy (L) (three hours total) and Humanities, Arts and Design (HU) / Social-Behavioral Sciences (SB) (three hours total) at the upper-division level, preferably chosen from within the major, must be completed in addition to 29 credit hours of General Studies course work.

Mathematics Requirement

All undergraduate degree-seeking students are expected to fulfill the university's mathematics requirement by the time they have accumulated 30 hours of credit in residence at ASU. Any student who has more than 30 hours of credit 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. 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 program. An international 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 post-secondary 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 Credit Guide [4]**. The process should be completed upon transfer of course work 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, winter session (prior to 2011-2012), intersession or summer session. Credit earned through comprehensive examinations is also included when calculating ASU resident hours. Credit earned through independent learning, advanced placement, the College-Level Examination Program or an International Baccalaureate diploma/certificate are excluded when calculating ASU resident hours.

Every candidate for the baccalaureate degree is required to earn a minimum of 30 credit hours in resident-credit courses at ASU.

Guidelines for Determination of Catalog Year

The catalog is published annually. Department, school, division, college and university requirements may change and are upgraded often. In determining graduation requirements, an undergraduate student may use only one edition of the catalog but may elect to follow any later 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 the admission, residency and all curricular and academic requirements of the degree-granting institution.

1. A semester in which a student earns course credit is counted toward continuous enrollment. Noncredit courses, audited courses, failed courses or courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes. See 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. (Note that students are not obligated to enroll and earn course credit during summer terms, but summer enrollment may be used to maintain continuous enrollment status.) 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. See examples C and D in the continuous enrollment table below.
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 the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment. See 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. Course work that is more than eight years old is applicable to completion of degree requirements at the discretion of the student's major department. Departments may accept such course work, reject it or request that the student revalidate its substance. The eight-year limit on course work applies except when program accreditation agencies limit the life of course work to fewer than eight years. Departments may also require students to satisfy current major requirements rather than major requirements 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; it 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 2001	Active
Continued at an Arizona community college	Spring 2002 Fall 2002	Active
Transferred to an Arizona university	Spring 2003	Student enrolled under 2001–2002 or any subsequent catalog
Example B		
Admitted and earned course credit at an Arizona community college	Fall 2003	Active
Enrolled but earned all “Ws” or “Es” (0.00)	Spring 2004	Inactive
Enrolled in audit courses only	Fall 2004	Inactive
Nonattendance	Spring 2005	Inactive
Transferred to an Arizona university	Fall 2005	Student enrolled under 2005–2006 or any subsequent catalog
Example C		
Admitted and earned course credit at an Arizona community college	Fall 1999	Active
Nonattendance	Spring 2000 Fall 2000 Spring 2001	Inactive
Readmitted and earned course credit at an Arizona community college	Fall 2001	Active
Transferred to an Arizona university	Spring 2002	Student enrolled under 2001–2002 or any subsequent catalog

Example D		
Admitted and earned course credit at an Arizona community college	Fall 2000	Active
Nonattendance	Spring 2001	Inactive
Readmitted and earned course credit at an Arizona community college	Summer 2001	Active
Nonattendance	Fall 2001 Spring 2002	Inactive
Transferred to an Arizona university	Fall 2002	Student enrolled under 2000–2001 or any subsequent catalog
Example E		
Admitted and earned course credit at an Arizona community college	Summer 2004	Active
Continued at an Arizona community college	Fall 2004 Spring 2005	Active
Nonattendance	Fall 2005	Inactive
Readmitted and earned course credit at an Arizona community college	Spring 2006	Active
Transferred to an Arizona university	Summer 2006	Student enrolled under 2004–2005 or any subsequent catalog
Example F		
Admitted and earned course credit at an Arizona university	Summer 2004	Active
Nonattendance	Fall 2004	Inactive
Nonattendance	Spring 2004	Inactive
Readmitted and earned course credit at an Arizona university	Fall 2005	Active
Continued at an Arizona community college	Spring 2006	Student enrolled under 2004–2005 or any subsequent catalog

Application for Graduation

For information on how to apply for graduation and deadline dates, visit: <https://students.asu.edu/graduation> [5].

Petition for Variance from Degree

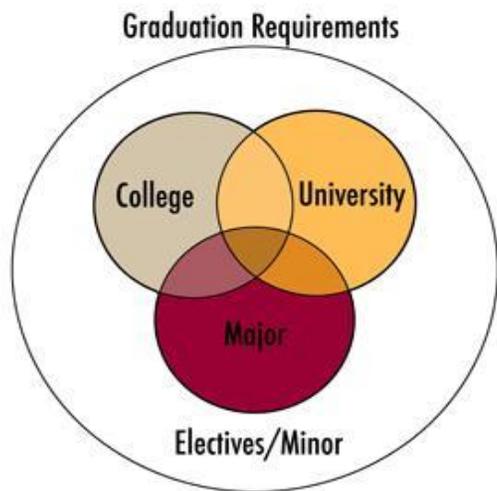
Any student wishing to have a college or university degree requirement variance must petition the standards committee of the college in which the student is enrolled. All petitions must originate with the student's advisor.

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 but are not limited to 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 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 semester 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

The red circle represents the requirements of the major. The credit hours required for a major may be as low as 30 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 18 to 25 credit hours of course work. Although every student must eventually declare a major, minor 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 credit hours of resident credit at ASU to qualify for graduation with academic recognition for a baccalaureate degree. Note: West campus students following a catalog year prior to fall 2007 are required to have completed at least 50 credit hours of resident credit at ASU.

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 course work only. For example, ASU independent learning course grades are not calculated in the honors GPA. 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 the graduation office (480-965-3256).

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.

Students who wish to use courses taken while in graduate nondegree status towards a second bachelor's degree may have up to 15 credit hours applied towards 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 offering the degrees. Students may receive concurrent degrees if they meet the minimum requirements for both degrees. For additional information, please see the glossary description found [here](#).

eAdvisor and critical requirements

eAdvisor ensures that students get off to a good start and stay on track towards graduation by helping them find a major that fits their talents and career goals and then monitors progress. Students use eAdvisor to:

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.

Math Intensive Programs: Required Course Policy

ASU undergraduate degree programs are categorized in the area of math intensity 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.

Source URL: <https://catalog.asu.edu/undergraduaterreq>

Links:

- [1] https://catalog.asu.edu/ug_gsr
- [2] <http://aztransfer.com/>
- [3] <https://catalog.asu.edu/undergraduaterreq#mathintensity>
- [4] <https://webapp4.asu.edu/transfercreditguide/app/home>
- [5] <https://students.asu.edu/graduation>
- [6] <https://catalog.asu.edu/glossary#concurrent>

University Policy for Student Appeal Procedures on Grades

Informal

The steps outlined on this page, 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 of 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. Students who believe they are victims of retaliation should immediately contact the dean of the college or school in which the course is offered.

- A. The aggrieved student must first undergo the informal procedure of conferring with the instructor, stating the evidence, if any, 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 chair (if any), registrar and grievance committee of any action taken.

Source URL: <https://catalog.asu.edu/appeal>

graduate policies and procedures



Contents

CONTENTS 1

INTRODUCTION 3

 ACADEMIC INTEGRITY 3

 GRADUATE STUDENT RESPONSIBILITIES 3

APPLICATION 3

 SUBMISSION OF AN APPLICATION 3

 APPLICATION DEADLINES 3

 APPLICATION FEE 4

 APPLICATION REQUIREMENTS 4

 ACADEMIC CREDENTIALS 4

 ADDITIONAL INTERNATIONAL REQUIREMENTS 5

International Applicants 5

English Language Requirement 5

 POST-BACCALAUREATE NON-DEGREE PROGRAMS 6

 AFTER APPLYING 7

ADMISSION 7

 ADMISSION TYPES 7

 DEFER ADMISSION 7

 INTERNATIONAL STUDENT ADMISSION 7

REGISTRATION AND ENROLLMENT 8

 ENROLLMENT VERIFICATION GUIDELINES 8

 MAXIMUM COURSE LOAD 8

 CONTINUOUS ENROLLMENT 8

 GRADUATE ASSISTANTSHIPS 9

 REQUEST TO MAINTAIN CONTINUOUS ENROLLMENT 9

 VOLUNTARY WITHDRAWAL FROM ASU 10

 VOLUNTARY WITHDRAWAL FROM A GRADUATE DEGREE PROGRAM 10

 OTHER TYPES OF WITHDRAWAL 10

 INVOLUNTARY WITHDRAWAL BY THE GRADUATE EDUCATION OFFICE 10

ACADEMIC PROGRESS 11

 GRADE POINT AVERAGES 11

 SATISFACTORY ACADEMIC PROGRESS 11

GRADUATE DEGREE REQUIREMENTS 12

 DETERMINATION OF ACADEMIC REQUIREMENTS 12

 THE PLAN OF STUDY (IPOS) 12

 COURSEWORK 12

 PETITIONS 13

 ASU PRE-ADMISSION CREDIT 13

Pre-Admission Credits 13

Graduate Credits Earned by ASU Undergraduate Students 14

 SANDRA DAY O’CONNOR COLLEGE OF LAW CREDIT 14

REPEATING ASU COURSES.....	14
GRADUATE FOREIGN LANGUAGE EXAMINATION (FLE)	14
MASTER’S DEGREE.....	15
MASTER’S DEGREE PLAN OF STUDY (IPOS).....	15
MASTER’S DEGREE MINIMUM CREDIT HOURS.....	15
MASTER’S DEGREE MAXIMUM TIME LIMIT	15
MASTER’S DEGREE SUPERVISORY COMMITTEE.....	15
MASTER’S THESIS/THESIS DEFENSE	15
OTHER MASTER’S CULMINATING EXPERIENCES	16
MASTER’S COMPREHENSIVE EXAMINATION.....	16
DOCTORATE DEGREE	17
DOCTORAL DEGREE PLAN OF STUDY (IPOS).....	17
DOCTORAL DEGREE MINIMUM CREDIT HOURS.....	17
DOCTORAL DEGREE MAXIMUM TIME LIMIT	17
DOCTORAL DEGREE SUPERVISORY COMMITTEE.....	17
DOCTORAL COMPREHENSIVE EXAMINATION.....	18
DOCTORAL PROSPECTUS DEFENSE.....	19
DOCTORAL CANDIDACY	19
DOCTORAL DISSERTATION/DISSERTATION DEFENSE.....	19
OTHER GRADUATE EDUCATIONAL OPPORTUNITIES	20
GRADUATE CERTIFICATES.....	20
<i>Certificate Admission.....</i>	<i>20</i>
<i>Certificate Requirements.....</i>	<i>20</i>
<i>Awarding of a Graduate Certificate</i>	<i>20</i>
CONCURRENT MASTER’S DEGREES	20
CONCURRENT MASTER’S/DOCTORAL DEGREES.....	21
CONCURRENT DOCTORAL DEGREES	21
MASTER’S IN PASSING (MIP)	21
BACHELOR’S/MASTER’S ACCELERATED PROGRAMS	22
RESEARCH CONSIDERATIONS	22
SUPERVISORY COMMITTEES	22
RESEARCH INVOLVING HUMAN AND ANIMAL SUBJECTS	22
THESIS/DISSERTATION DEFENSES	23
DEGREE COMPLETION	23
SCHEDULING A DEFENSE AND FORMAT REVIEW	23
UMI/PROQUEST SUBMISSION	24
GRADUATION.....	24
GRADUATE STUDENT APPEALS.....	24

Introduction

The Graduate Education office 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 PhD degree is the highest university award, conferred on candidates who have proven their ability as scholars and original researchers.

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 are familiar with these issues and that each student assumes personal responsibility in their work.

Graduate Student Responsibilities

Graduate students are responsible for familiarizing themselves with all university and graduate policies and procedures. Each student should also communicate directly with his/her academic unit to be clear on its expectations for degree completion.

Information is provided to students via [MyASU](#). Students should frequently check their MyASU account for the most up-to-date information regarding their status, holds, items to attend to and other important information.

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."

Application

Submission of an Application

For admission information and procedures, see students.asu.edu/graduate. Applications for all graduate degree programs, certificate programs, and/or non-degree must be submitted via the students.asu.edu/graduate/apply.

Prior to submitting an application to the Graduate Education office, applicants should review information regarding the [degree program](#), and academic unit application requirements and deadlines. Students who have a Graduate Education approved *Request to Maintain Continuous Enrollment* on file with the Graduate Education office prior to their semester of non-registration and are re-entering the same degree program for the semester immediately following the approved Request, are not required to submit a new application.

Application Deadlines

Application deadlines are set by the degree programs. Consult the program's website or the [Graduate Degree and Certificate Search](#) tool for specific application deadlines.

Graduate Admission Services may differ from those of the academic unit. To accommodate timely processing, international applicants for fall enrollment must submit application materials by the previous December. Not all academic units accept applications for both the fall and spring semesters; however, if the academic unit allows for spring applications, international applicants must submit materials for spring enrollment by the previous August.

*Please note that international students must apply to Sessions A or C only (Session B is 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 card at the time of submission. The application fee covers Graduate Education administrative costs of processing all applications and is not refundable under any circumstance.

- ⤴ Domestic application fee: \$70;
- ⤴ International application fee \$90.

In addition to the normal application fee, a \$50 non-refundable late processing fee will be assessed for all applications submitted on or after the dates indicated previously.

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 all post-secondary institutions previously attended to the Graduate Education office (see students.asu.edu/graduate/standards). **Academic units may have admission requirements in addition to those of the 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.

All documents received by Graduate Admission Services in connection with an application become property of the ASU Graduate Education office 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 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.

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 3.0 (on a 4.0 scale) in the last 60 semester hours or 90 quarter hours of undergraduate coursework.

Applicants should contact the degree program for specific additional requirements. Degree programs will submit a recommendation to the Vice Provost for Graduate Education regarding their willingness to admit an applicant.

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.

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 accident before being permitted to register for classes. Insurance must be maintained throughout the student's 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 is available through the Graduate Education website at students.asu.edu/graduate. In addition to the *Financial Guarantee* form, if ASU is providing an assistantship, an official offer letter must be sent to the Graduate Education office. Similarly, if a governmental entity is funding the student, an official letter from the government must be submitted to the office for Graduate Education 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, a certificate program, or the post-baccalaureate teacher education program. ***Immediately upon arrival on campus, students must report to an advisor in the International Student and Scholars Center (ISSC). Failure to report may result in loss of status or deportation.***

Applicants residing in the U.S. on a valid visa must provide proof of a current visa. Enlarge image and fax the copy to 480-965-5158.

English Language Requirement

Applicants from a country whose **native** language is not English (regardless of where they may now reside) must provide proof of English proficiency. The English language requirement cannot be waived. Acceptable proof is as follows:

- ✦ [TOEFL](#) score of at least 550 (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 with no band below 6.0. 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.

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 have earned a bachelor's degree or higher in residence from a regionally accredited college/university in the United States.
- ✦ Applicants who have completed at least 12 semester hours of graduate 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.
- ✦ 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.
- ✦ Applicants who have completed the American English and Culture Program (AEC) Advanced Level II with grades of "B" or better along with the recommendation of the Director of AEC.

All international applicants who are from a country whose native language is not English and who wish to apply for teaching assistantships must pass an examination that certifies their skill in speaking English—either the Interview Test, or the Speaking Proficiency English Assessment Kit (SPEAK) test. Tests are administered at ASU; additional information may be found at global.asu.edu/aecp/ita.

Post-Baccalaureate Non-Degree Programs

Applicants who do not immediately intend to pursue a graduate degree may apply as a post-baccalaureate 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 a student can take as a non-degree student. 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 prior to admission to the degree program.

Non-degree study may be restricted by certain academic units. Contact the degree program for restriction information.

Financial aid is not available to non-degree students.

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

After an application has been successfully submitted, applicants receive an email acknowledgement that includes an ASURITE ID and activation code. Applicants should review [MyASU](#) to check on the application status, “To Do” items and “Holds”.

Admission

A minimum grade point average of 3.0 (on a 4.0 scale) 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 the office for Graduate Admission Services; only the Vice Provost for Graduate Education 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.

Admission Types

- ✦ **Regular Admission:** Applicant satisfies all requirements for admission and is academically acceptable to both the degree program and the Graduate Education office.
- ✦ **Provisional Admission:** Applicant does not meet minimum academic standards with respect to grade point averages as required by Graduate Education and the academic unit, but has additional evidence to suggest the potential for success. This status provides the academic unit with an opportunity to better evaluate the student’s academic potential. Students have a maximum of one academic year to satisfy the provisional condition. **Graduate Admission Services will withdraw students from the degree program who have not met the provisions of their admission within the required timeframe.** When students have satisfied the provisional requirements, they should confirm with the academic unit that a change of status has been recommended. Students with Provisional Admission are not eligible to submit a *Plan of Study* until the conditions of admission have been satisfied.
- ✦ **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 program and the university. Required deficiency courses may not be applied toward the minimum hours required for the degree program. Monitoring deficiency completion is the responsibility of the academic unit.

Defer Admission

Students may, with the recommendation of the degree program, defer their initial semester and year of admission to the next semester for which the degree program is admitting students. No further deferrals are allowed.

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 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
Graduate Assistant**	6 or more hours	--	--
Six-Week Summer Sessions			
Graduate	3 or more hours	2 hours	1 hour
Graduate Assistant**	2 or more 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

For enrollment verification purposes, "Graduate Assistant" is a generic term that includes Teaching Assistants, Research Assistants, Teaching Associates and Research Associates. **Academic units may have specific requirements regarding registration requirements for Graduate Assistants; students should consult with their degree program unit.

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 \(ISSC\)](#).

Maximum Course Load

The office for Graduate Admission Services 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 credit hour during all phases of their graduate education, including the term in which they 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, defending theses or dissertations, or graduating from the degree program.

To maintain continuous enrollment the credit hour(s) must:

- ⤴ Appear on the student's *Plan of Study*, OR
- ⤴ Be research (592, 792), thesis (599), dissertation (799), or continuing registration (595, 695, 795), OR
- ⤴ Be a graduate-level course.

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. 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. Additional information regarding incomplete grades can be found at asu.edu/aad/manuals/ssm/ssm203-09.html.

Graduate Assistantships

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 Graduate Assistants; students should consult with their degree program unit.**

TAs and RAs are treated as residents for tuition purposes. To be eligible for tuition remission, TAs and RAs must be employed a minimum of 10 hours per week (25 percent Full Time Equivalency {FTE}). TAs/RAs working 10-19 hours per week (25-49 percent FTE) receive a 50 percent remission of tuition for the semester or summer session of their employment. TAs/RAs working 20 hours per week (50 percent FTE) do not pay tuition during the semester or summer session of their employment. In addition, the university pays the individual health insurance premium for those TAs and RAs working 20 hours per week (50 percent FTE).

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. 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/financing/tara.

Request to Maintain Continuous Enrollment

Graduate students planning to discontinue registration for a semester or more must submit a [*Request to Maintain Continuous Enrollment form*](#). This request must be submitted and approved before the anticipated semester of non-registration. Students may request to maintain continuous enrollment without course registration for a maximum of two semesters during their entire program.

Having an approved *Request to Maintain Continuous Enrollment* by Graduate Education 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 Request are considered withdrawn from the university under the assumption that they have decided to discontinue their program. Students removed for this reason may reapply for admission to resume their degree program; the application will be considered along with all other new applications to the degree program.

A student with a Graduate Education approved *Request to Maintain Continuous Enrollment* is not required to pay tuition and/or fees, but in turn is not permitted to place any demands on university faculty or use any university resources. These resources include university libraries, laboratories, recreation facilities or faculty time.

Voluntary Withdrawal from ASU

If a student wishes to withdraw from his/her graduate degree program and the university, they must complete the [*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 from a Graduate Degree Program

If a student wishes to transition from one graduate degree program to another graduate degree program, the student should complete the [*Voluntary Withdrawal form*](#). The student should not take this action until they have been admitted to the other graduate degree program.

Other Types of 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. Types of withdrawals and procedures can be found at: students.asu.edu/drop-add. For course withdrawals contact the University Registrar's Office.

Involuntary Withdrawal by the Graduate Education office

Any student who does not comply with Graduate Education policies may be withdrawn from their graduate program after review by the Vice Provost for Graduate Education.

In addition, an academic unit may recommend withdrawal of a student from a graduate program for lack of compliance with published departmental policies or lack of satisfactory academic progress. All such recommendations must be submitted to the Graduate Education office with appropriate documentation (e.g., nature of issue, communications with student). Only the Vice Provost for Graduate Education may withdraw a student from a graduate program due to lack of compliance with satisfactory academic progress policies.

A student who has been withdrawn from a graduate program due to lack of compliance with published departmental or Graduate Education policies, or lack of satisfactory academic progress is eligible to apply for admission to the same program only after one year has passed from the term of the withdrawal.

Grade Point Averages

Graduate students must maintain a minimum 3.00 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).

- ⤴ The iPOS GPA is calculated on all courses that appear on the student's approved iPOS.
- ⤴ The Cumulative ASU GPA represents all courses completed at ASU during the graduate career.
- ⤴ The Overall Graduate GPA is calculated on all courses numbered 500 or higher 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/master's degree program);
 - Courses identified as deficiencies in the original letter of admission.

Transfer credits and some courses taken in the Sandra Day O'Connor College of Law are not calculated on the iPOS GPA or the Graduate GPA.

Courses with grades of "D" (1.00) and "E" (0.00) cannot appear on the iPOS but will be included when calculating the Graduate GPA. Courses with an "I" grade cannot appear on the iPOS.

Satisfactory Academic Progress

GPA (Grade Point Average) Graduate students must maintain a minimum 3.00 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 (with the exception of LAW and Transfer credits)
2. Cumulative ASU GPA represents all courses completed at ASU during the graduate career.
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 coursework if in an approved accelerated bachelor's/master's program.

Courses with grades of "D" (1.00) and "E" (0.00) cannot appear on the iPOS but will be included when calculating the Graduate GPA. Courses with an "I" grade cannot appear on the iPOS.

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 as well as Graduate Education. If a student fails to satisfy the requirements of their degree program and/or the benchmarks outlined below, the student may be dismissed from their program based on the academic unit's recommendation to Graduate Education at which time the Vice Provost for Graduate Education makes the final determination.

These as well as all other Graduate Education policies can be found in the [ASU Graduate Policies and Procedures](#):

1. Maintain a minimum 3.0 for all GPA's.
2. Satisfy all requirements of the graduate degree program.

3. Satisfy the maximum time limit for graduation from the student's graduate degree program (six years for masters, ten years or five years from comprehensive exams (whichever comes first); for doctoral, see "Time to Degree" section.
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 degree program. Failing to do so without a Graduate Education approved request to [Maintain Continuous Enrollment](#) is considered to be lack of academic progress.

Graduate Degree Requirements

Determination of Academic Requirements

Students graduate under the degree requirements and policies in effect at the semester and year of admission to a graduate degree program. Students that fail to maintain continuous enrollment and are re-admitted to the degree program, graduate under the degree requirements and policies in effect at the time of the new admission date.

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 comprehensive examination, a capstone course, an applied project, a portfolio, a thesis or equivalent.

Students that have a capstone course requirement must receive a grade of "B" or better. If a student fails to achieve a capstone final grade of "B" or better, they must retake the course.

A minimum of 84 credit hours of graduate-level coursework and a written comprehensive examination are required for a doctoral 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 Plan of Study (iPOS)

The Plan of Study (iPOS) functions as a contract between the student, the academic unit, and the Graduate Education office. The iPOS contains certain degree requirements such as coursework, a committee and a culminating experience which must be included before it can be approved. The academic unit's graduate support staff should be the primary contact regarding iPOS and degree requirements. The iPOS must be approved by a student's committee, the head of the academic unit, and the Vice Provost for Graduate Education.

To facilitate degree completion and shorten time to degree, graduate students with regular status must submit their iPOS by the time they have enrolled for 50 percent of the minimum credit hours required for their degree program.

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. 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.**

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. Additional information regarding incomplete grades may be found at asu.edu/aad/manuals/ssm/ssm203-09.html.

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 Education continuous enrollment policy. Undergraduate courses not included on the iPOS do not satisfy the Graduate Education continuous enrollment policy.

Master’s degree students whose culminating experience is a thesis must include 6 (and only 6) credit hours of 599 Thesis credits on the iPOS. Doctoral students whose culminating experience is a dissertation must include 12 (and only 12) credit hours of 799 Dissertation credits on the iPOS. Thesis and Dissertation credit hours may only receive grades of “Z” (research is in progress), or “Y” (research is satisfactorily complete). Doctoral students may apply 30 credit hours of appropriate coursework from a previously awarded master’s degree toward their doctoral plan of study.

Petitions

A formal request for an exception to any Graduate Education policy requires a petition to be completed by the student, and approved by the committee chair and the head of the academic unit. The Graduate Education office will review the petition and make a final determination.

ASU Pre-Admission Credit

Pre-Admission Credits

Credit hours completed at ASU or from another regionally accredited US 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 degree program and the Graduate Education office, 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. Preadmission credits must have been taken within three years of admission to the ASU degree program to be accepted.

Accelerated Bachelor’s/Master’s programs may use a maximum of 12 pre-admission credits which may include up to a maximum of 12 hours shared between the Bachelor’s and Master’s program. Students in accelerated programs should contact their advisor to ensure proper sharing of credit hours.

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:

- ✦ By post-secondary institutions that lack candidate status or accreditation by a regional accrediting association, or an equivalent international institution.
- ✦ For life experience.

- ✦ For courses taken at non-collegiate institutions (e.g., government agencies, corporations, and industrial firms).
- ✦ For courses, workshops, and seminars offered by other postsecondary institutions as part of continuing education programs.
- ✦ For 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 a *Plan of Study*. In all cases, the inclusion of transfer courses on a *Plan of Study* is subject to approval by the degree program and the Vice Provost for Graduate Education.

Graduate Credits Earned by ASU Undergraduate Students

Pre-admission credit hours earned in graduate-level courses (per Graduate Education policy) by ASU undergraduate students may count toward a graduate degree at ASU provided the credit hours have not been used toward a previously awarded degree. Prior to awarding a bachelor's degree, ASU undergraduate students should contact their undergraduate advisor to set aside graduate courses for use toward a future graduate degree so that these courses do not count toward their undergraduate degree.

ASU students enrolled in an approved Bachelor's/Master's degree program (commonly 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. Students must successfully complete the undergraduate degree and be admitted to the respective graduate program prior to completing 12 credits of graduate coursework.

An undergraduate degree and a graduate degree may not be awarded during the same term of enrollment. Students must apply, be admitted and registered as a graduate student to earn a master's or doctoral degree at ASU.

Sandra Day O'Connor College of Law Credit

The Graduate Education office 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 office for Graduate Education. 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 student's permanent academic record and remain on the student transcript as well as in all GPA calculations.

Graduate Foreign Language Examination (FLE)

A graduate degree program may require at least a reading level proficiency of a foreign language relevant to the student's 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. A student may submit a petition to the Graduate Education office for a re-examination but must pass the examination in no more than three attempts.

Master's Degree Plan of Study (iPOS)

Students must submit an iPOS before completing 50 percent of the credit hours required for their degree program. A student is not eligible to schedule a comprehensive examination or defense without an approved iPOS.

Master's Degree Minimum Credit Hours

A minimum of 30 semester hours of graduate work is required for the 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. *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 *Plan of Study* 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 begins with the semester and year of admission to the program. Graduate courses taken prior to admission that are included on the *Plan of Study* must have been completed within three years of the semester and year of admission to the program.

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 Vice Provost for Graduate Education upon the recommendation of the head of the academic unit. For programs requiring a thesis or written examination, the supervisory committee is comprised of a minimum of three members, including a chair or co-chairs.

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 student to guide their work. ASU academic professionals or non-tenure accruing faculty with appropriate academic credentials may serve as a member or co-chair on master's committees; they may not serve as chair of a master's supervisory committee.

Master's Thesis/Thesis Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress" (pg. 11)) prior to scheduling a defense.

To satisfy the research requirement for master's degrees, a student is expected to present a thesis that is defended in an oral examination. Degree programs may have requirements in addition to the thesis (e.g. comprehensive examinations). Students should check with their degree program to confirm requirements. An oral defense of the thesis is required and must be completed to the satisfaction of the supervisory committee. At least 50% of the committee must be physically present at the oral defense. Students must be physically present at the oral defense of their thesis. Students must be registered for:

- ✦ At least one semester hour of credit that appears on the *Plan of Study*; OR
- ✦ At least one semester hour of appropriate graduate-level credit, for example: Research (592), Thesis (599), or Continuing Registration (595 or 695); OR
- ✦ At least one hour of a graduate-level course.

Revisions to the thesis are typical and must be completed in a timely manner. If the student is unable to complete revisions to the thesis and submit to UMI/ProQuest by the deadline for the semester in which the defense is held, the student 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 to ensure currency of the research.

Other Master's Culminating Experiences

A comprehensive examination, capstone course, applied project or portfolio is required as a culminating experience in master's programs that do not have a thesis requirement. The Graduate Education 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" pg. 11) 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.

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.

The student must schedule the comprehensive examination with their academic unit. All comprehensive examination results must be reported to the Graduate Education office immediately upon completion. Academic units are not required to allow students a second opportunity; upon failing comprehensive examinations, academic units may submit a recommendation to the office for Graduate Education requesting dismissal of the student from the degree program.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend and the Vice Provost for Graduate Education approve a re-examination. Only one re-examination is permitted. A petition with substantial justification for re-examination, endorsed by the members of the student's supervisory committee and the head of the academic unit, must be approved by the Vice Provost for Graduate Education before a student 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. The Graduate Education office may withdraw a student from the degree program if the

student's petition for re-examination is not approved, or if the student fails 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.

Doctorate Degree

Doctoral Degree Plan of Study (iPOS)

Students must submit an iPOS before completing 50 percent of the credit hours required for their degree program. A student is 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.

Doctoral Degree Minimum Credit Hours

A minimum of 84 semester hours of graduate work is required for the doctorate degree at ASU. If a dissertation is required, 12 (and only 12) of the minimum required credit hours on an iPOS must be 799 Dissertation credits. *Plans of Study* submitted for doctorate degrees that do not have a dissertation requirement cannot include 799 Dissertation credits. Students may apply 30 credit hours from a previously awarded master's degree toward their doctoral *Plan of Study* with approval of the degree program and the Vice Provost for Graduate Education.

Doctoral Degree Maximum Time Limit

Doctoral 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 doctoral 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 Plan of Study are exempt).

Any exception to the time limit policy must be approved by the supervisory committee, the head of the academic unit and the Dean of Graduate Education. The Graduate Education office may withdraw students who are unable to complete all degree requirements and graduate within the allowed maximum time limits.

Doctoral Degree Supervisory Committee

Upon the recommendation of the head of the academic unit, the Vice Provost for Graduate Education appoints the student's dissertation committee. The committee must be comprised of at least three members, including either a chair or co-chairs. Doctoral programs may have additional requirements for committee composition. This committee serves as the intellectual guide for the student 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 Vice Provost for Graduate Education and each degree program maintains the list of faculty approved by the office for Graduate Education. Most resident faculty at ASU may serve on dissertation committees with the proviso that they have appropriate expertise in the discipline.

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 the list of faculty approved by the Graduate Education office to chair or co-chair PhD

dissertations. Additional information regarding ASU Graduate Faculty can be found at graduate.asu.edu/graduate_faculty_initiative.

Doctoral students (including PhD, DMA, DBH, DNP and EdD) are urged to communicate with their academic unit to confirm eligibility of faculty to chair doctorate committees.

The final committee membership must be appointed by the Vice Provost for Graduate Education before the student may apply for comprehensive examinations, defend the dissertation prospectus, and register for 799 Dissertation course credits (if applicable).

Doctoral Comprehensive Examination

Students must be in good academic standing regarding GPA requirements (see previous section titled “Satisfactory Academic Progress” pg. 11) prior to taking doctoral comprehensive examinations.

When students have essentially completed the coursework on an approved iPOS, they must request permission to take the doctoral comprehensive examination. The doctoral comprehensive examination must have a written component; however individual doctoral 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 a student’s mastery of the field of specialization. Doctoral comprehensive examination(s) are administered by a committee consisting of a minimum of three members.

Foreign language requirements, if applicable, must be satisfied before taking the comprehensive examination(s).

During the fall, spring or summer session that the student takes the comprehensive examination(s), they are required to register for:

- ✦ At least one semester hour of credit that appears on the *Plan of Study*; OR
- ✦ At least one semester hour of appropriate graduate-level credit, for example: Research (792), Dissertation (799), or Continuing Registration (795); OR
- ✦ At least one hour of a graduate-level course.

All comprehensive examination results must be reported to the Graduate Education office immediately upon completion. Academic units are not required to allow students a second opportunity; upon failing comprehensive examinations, academic units may submit a recommendation to the Graduate Education office requesting dismissal of the student from the degree program.

Failing the comprehensive examination(s) is considered final unless the supervisory committee and the head of the academic unit recommend and the Vice Provost for Graduate Education approve a re-examination. Only one re-examination is permitted. A petition with substantial justification for re-examination, endorsed by the members of the student’s supervisory committee and the head of the academic unit, must be approved by the Vice Provost for Graduate Education before a student 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. Graduate Education may withdraw a student from the degree program if the student’s petition for re-examination is not approved, or if the student fails 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.

Doctoral Prospectus Defense

All doctoral degree programs that require students to complete a dissertation must require students to complete a dissertation proposal/prospectus and submit the results to the Graduate Education office. Failure of the doctoral dissertation prospectus oral defense is considered final unless the supervisory committee and the head of the academic unit recommend and the Vice Provost for Graduate Education approve a second proposal defense. If a petition is approved, the student must submit the new prospectus by the end of six months (the six months begins from the date that the first doctoral dissertation proposal defense was held). If the academic unit does not grant the student permission to retake the proposal defense, or if the student fails to pass the retake of the proposal defense, Graduate Education may withdraw the student 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 doctoral prospectus.

Doctoral Candidacy

Doctoral students (with specific degree program exceptions approved by the Vice Provost for Graduate Education) 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). Doctoral students who have been advanced to candidacy are required to maintain continuous enrollment until all degree requirements have been completed and the student graduated.

Doctoral Dissertation/Dissertation Defense

Students must be in good academic standing regarding GPA requirements (see previous section titled "Satisfactory Academic Progress" pg.11) prior to scheduling the defense.

The written doctoral dissertation is based on an 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 Education office policies and procedures. The composition of the dissertation is defined by the degree program with the approval of the Vice Provost for Graduate Education.

The dissertation research experience culminates in a final oral exam, commonly known as the "dissertation defense." A final public dissertation defense is required. At least 50% of the committee must be physically present at the oral defense. Students must be physically present at the oral defense of their dissertation. During the semester that the student defends the dissertation they are required to register for:

- ✦ At least one semester hour of credit that appears on the *Plan of Study*; OR
- ✦ At least one semester hour of appropriate graduate-level credit, for example: Research (792), Dissertation (799), or Continuing Registration (795); OR
- ✦ At least one hour of a graduate-level course.

Revisions to the dissertation are typical and must be completed in a timely manner. If the student is unable to complete revisions to the thesis and submit to UMI/ProQuest by the deadline for the semester in which the defense is held, the student 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 dissertation to ensure currency of the research.

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](#) page.

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 Education office 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% of coursework towards the requirements of a graduate certificate can be completed prior to admission to the certificate program.

Awarding of a Graduate Certificate

A student will be eligible for the official posting of the graduate certificate to their transcripts when all applicable coursework has been successfully completed and the Graduate Education office scholarship requirements have been met. Students must submit an iPOS for the graduate certificate program, and apply for graduation.

Concurrent Master's Degrees

A student may pursue concurrent master's degrees with prior written approval from the head of the academic unit for each degree program and the office for Graduate Education. A separate online application is required for each degree program. A maximum of 20 percent of the minimum total semester hours for the completion of both degrees may be common hours shared between the *Plans of Study*. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate Education office 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. The student 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. Requests to maintain continuous enrollment forms will apply to both programs; students may not be registered for coursework in either program if approved.
2. Graduate credit transferred from another institution may be applied toward only one degree program.
3. Culminating experiences (e.g. capstone courses, theses, applied projects) and comprehensive examinations cannot be shared between concurrent degree programs.
4. The six year maximum time limit for completing degree requirements and graduation apply to each concurrent degree individually.

Concurrent Master's/Doctoral Degrees

A student may pursue concurrent masters/doctoral degrees provided the degree programs are in different areas with prior written approval from the head of the academic unit for each degree program and the office for Graduate Education. A separate online application is required for each degree program. A maximum of 9 credit hours may be common hours shared between the *Plans of Study*.

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. The student 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. Requests to maintain continuous enrollment forms will apply to both programs; students may not be registered for coursework in either program if approved.
2. Graduate credit transferred from another institution may be applied toward only one degree program.
3. Culminating experiences (e.g. capstone courses, theses, dissertations, applied projects) and comprehensive examinations cannot be shared between concurrent degree programs.
4. The maximum time limits for completing degree requirements and graduation apply to each concurrent degree individually (6 years for Master's; 10 years for doctoral).

Concurrent Doctoral Degrees

A student may pursue concurrent doctoral degrees provided the degree programs are in different academic areas with prior written approval from the head of the academic unit for each degree program and the office for Graduate Education. A maximum of 12 credit hours may be common hours shared between the *Plans of Study*. In all cases, the guidelines below must be followed:

1. The student 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. Requests to maintain continuous enrollment forms will apply to both programs; students may not be registered for coursework in either program if approved.
2. The 30 hours allowed from a previously awarded master's degree may only be applied to one of the doctoral programs and graduate credit transferred from another institution may be applied toward only one degree program.
3. The comprehensive examination, the dissertation prospectus, and the dissertation cannot be shared between concurrent degree programs.
4. The student must meet the 10 year maximum time limit for each degree.

Master's in Passing (MIP)

In those cases 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 Master's in Passing for their degree.

Students who include 30 hours from a previously awarded master's degree on their doctoral *Plan of Study* are not eligible for a Master's in Passing. All coursework included in an MIP *Plan of Study* must have been completed after the semester and year of admission to the doctoral program.

Bachelor's/Master's Accelerated Programs

In a limited number of pre-approved programs, ASU will allow for the simultaneous pursuit of an undergraduate and graduate degree. In such cases, the program must be approved by the Vice Provost for Graduate Education. The students must successfully complete the undergraduate degree and be admitted to the respective graduate program prior to completing 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 have been formally admitted to an approved accelerated program.

Research Considerations

The master's thesis and doctoral dissertation (or equivalent) must be based on original and independent research/creative activity conducted by the student, 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 candidate's mastery of research and scholarly methodologies, theory, and tools of the discipline. Both the thesis and dissertation should demonstrate the candidate's 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 conclusions.

Supervisory Committees

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 the student has selected a thesis/dissertation committee, the head of the academic unit recommends the supervisory committee to the Vice Provost for Graduate Education who reviews and appoints the Committee. Graduate supervisory committees must consist of a minimum of three individuals, including the chair or co-chairs.

Faculty Emeriti who meet Graduate Education criteria may serve as members or co-chairs on graduate supervisory committees. They may serve as chairs with the recommendation of the academic unit and approval of the Vice Provost for Graduate Education on a case by case basis. Qualified individuals outside the university, upon the recommendation of the head of the academic unit and approval of the Graduate Education office, may serve as members of thesis and dissertation committees. All such requests must be submitted to the Vice Provost for Graduate Education for approval.

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/humans.

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 thesis/dissertation advisor well in advance of data collection to ensure compliance with university regulations regarding the collection of research data.

Thesis/Dissertation Defenses

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.

Defenses must be scheduled through MyASU at least 10 working days in advance of the defense date. It is expected that oral defenses will be held on an ASU campus during regular business hours in order to facilitate student, faculty, and public accessibility. When there are sound educational reasons for holding a defense under different circumstances, contact the Graduate Education office for approval **before** scheduling the defense.

Students must be physically present at the oral defense of their thesis, dissertation or equivalent document. If, due to unforeseen circumstances, they cannot be physically present, then the oral defense must be rescheduled to another date when they can be physically present.

It is desirable that all members of a student's supervisory committee be physically present with the student at 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. In all cases at least 50% of the committee must be physically present. If a committee member cannot physically attend, they can tele/video conference, or they can appoint a substitute to attend in their place. The substitute should be a regular faculty member with the academic unit. The supervisory committee chair must be physically present; if there are two co-chairs, one of them may tele/video conference if needed. In either case, please email grad-gps@asu.edu with the student's ID number and the name of the tele/videoconferencing member or with the names of the member who will be absent and the faculty member who will attend as a substitute. This information must be submitted **before** the defense.

Degree Completion

The final culminating experiences for graduate degrees vary by program. In many master's degree programs a thesis is required, in other programs the culminating experience is an applied or professional project. In all PhD programs, as well as in most professional doctoral programs, dissertations are required. Theses and dissertations are officially documented and archived. Theses and dissertations are submitted to UMI/ProQuest, which makes their content available to the public. Information on the dissertation later appears in *Dissertation Abstracts International*. For this reason, all theses and dissertations must undergo Graduate Education format review. The Vice Provost for Graduate Education reviews the content to affirm the quality and originality of the scholarly work.

Scheduling a Defense and Format Review

At least 10 working days prior to the planned defense of a thesis, dissertation or equivalent, students schedule the defense through their MyASU. 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. When a defense

date and location have been identified and the defense has been scheduled through MyASU, students submit a complete draft copy of the thesis/dissertation to be defended via email to gradformat@asu.edu. The defense will be published on the Graduate Education [Master's/Doctoral Defense Schedule](#) website that updates every Monday.

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. Students must use the *Format Manual* to prepare their thesis/dissertation. Questions regarding the *Format Manual* requirements should be directed to gradformat@asu.edu.

The Graduate Education's [Formatting Tool](#) uses the *Format Manual* guidelines to generate a template into which you insert your document's text. The formatting tool is designed to help students with the basic format requirements such as margins and spacing, and greatly improves the format review process for students.

UMI/ProQuest Submission

Students are required to create a new user account specific to the submission of their document and must use their ASU email address. UMI/ProQuest requires all students to submit a PDF version of their final document. The ASU Graduate Education office requires that the PDF document is in compliance with 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 have an opportunity to order bound copies of their document for themselves through UMI/ProQuest.

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 Education degree requirements prior to the conferral of their degree.

The graduation deadlines and procedures are set by the Graduate Education office and are available online at graduate.asu.edu/progress/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.

Graduate Student Appeals

The Graduate Council Appeals Board (GCAB) serves as the appeals body for graduate students seeking redress on procedural issues related to academic decisions regarding their graduate programs. **Before initiating an appeal, the graduate student must fully utilize any and all other appeal and review processes available in the student's program, academic unit or college/school.** The GCAB will not entertain any appeals until the graduate student has exhausted all other appropriate appeal procedures.

The GCAB reviews written appeals of graduate students concerning:

- ✦ Procedural matters in graduate student programs (e.g., procedures related to *Plans of Study*, satisfactory academic progress, theses, dissertations, and preliminary, qualifying or comprehensive exams).
- ✦ Academic issues that are not covered by other university policies or processes.

The GCAB does not review appeals pertaining to the following areas because these appeals are heard by other university bodies (see parentheses below):

- ⤴ Course grades (subject to review by the academic unit and college/school).
- ⤴ Results of capstone experiences, preliminary, comprehensive and qualifying examinations and defenses (subject to review by the academic unit and college/school).
- ⤴ Recommended dismissal by a program or academic unit due to lack of satisfactory academic progress (subject to review by the academic unit and college/school).
- ⤴ Allegations of academic dishonesty (subject to review under the ASU Student Academic Integrity Policy located at provost.asu.edu/academicintegrity/policy).
- ⤴ Allegations of scientific misconduct (subject to review under ASU policy RSP 210 ["Misconduct in Research"] in the Research and Sponsored Projects Policy and Procedures Manual).
- ⤴ Allegations of discrimination (subject to review by the ASU Office of Equity and Inclusion).

The Guidelines for Graduate Appeals describing further the GCAB appeal procedures, process and jurisdiction are available from the Graduate Education office and on the website at: <https://graduate.asu.edu/file/graduate-appeals-guidelines>.

Arizona State University provides equal opportunities. For more information go to <https://provost.asu.edu/index.php?q=policies/procedures/p20.html>



graduate.asu.edu

College Academic 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, 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 members, who include a Nobel Prize winner. Students come from all over the world and include 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 seven business disciplines or a BA that combines core business classes with a concentration outside the W. P. Carey 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, West and Downtown Phoenix campuses. For more information, visit wpcarey.asu.edu [1].

Academic Integrity

Academic Dishonesty

The faculty members of the W. P. Carey School of Business follow the guidelines in the ASU Student Academic Integrity Policy on academic dishonesty. A copy of the policy may be obtained online at <https://provost.asu.edu/index.php?q=academicintegrity> [2].

The W. P. Carey School of Business honor code may be found online at <https://my.wpcarey.asu.edu/academic-integrity/code-of-conduct.cfm> [3]. Additional resources and information may be found at the W. P. Carey Academic Integrity website at <https://my.wpcarey.asu.edu/academic-integrity/index.cfm> [4].

Undergraduate Policies

Academic Standing

Probation

All business students, freshman through senior, must maintain a minimum 2.00 GPA for all courses completed at ASU. 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 higher in order to return to academic good standing
2. obtain a semester GPA of 2.50 with no grade lower 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

Disqualification

Students who do not meet college probation requirements are academically disqualified. Disqualified students should meet with their academic advisors. These students may attend ASU during the summer session immediately following disqualification only.

Advising

W. P. Carey offers undergraduate program academic advising at the Polytechnic, Tempe and West campuses. Students may find personalized advising information and may schedule appointments in advance at <http://wpcarey.asu.edu/sos/> [5]. Students admitted to the W. P. Carey leaders academy or business honors program may schedule appointments by visiting the W. P. Carey Advising S.O.S. website at <https://my.wpcarey.asu.edu/apps/advising/index.cfm> [6], by visiting in person at McCord Hall 102 or by calling 480-965-8710.

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)
- freshman students, prior to enrollment for the second term
- seniors, upon completion of 87 or more credit hours

- any student who is on university academic probation
- any student who is off track in regard to eAdvisor Tracking requirements
- disqualified students attending ASU

For additional information regarding academic advising, visit <https://my.wpcarey.asu.edu/undergrad/advising/overview.cfm> [7] or contact 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 for 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 work at a community college or another four-year college should take only those courses in business and economics that are offered as freshman- or sophomore-level courses at any of the state-supported Arizona universities. These lower-division courses are numbered 100 through 299. A maximum of 30 hours of business and economics courses from community colleges are accepted toward a bachelor's degree in business.

Students may transfer up to nine credit hours of approved upper-division business course work required for the business degree to ASU. Upper-division business courses taught in the junior or senior year in the state universities may not be completed at a two-year college for transfer credit in the business core or major. Such courses may be utilized in the free elective category, subject to the 30-hour limitation. Community college vocational or career courses that are not taught in the schools of business at any one of the state universities are not accepted for credit toward a bachelor's degree. Courses taught in the upper-division business core at the state universities must be completed at the degree-granting institution unless transferred from an accredited four-year school. Normally, upper-division business course transfer credits are accepted only from AACSB International-accredited schools. 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 and do not comply with the critical requirements are off track and will have a hold placed on their records. These students must meet with an advisor to have their hold removed. For more information, visit <https://my.wpcarey.asu.edu/undergrad/advising/tracking.cfm> [8].

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 course work
- must meet direct admission criteria [9] for the degree program they wish to pursue

If direct admission requirements have been met, students should file a paper curriculum petition form [10] to request the concurrent degree. Students who do not meet direct admission requirements for business degree programs must complete the Admission Portfolio [11] 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 course work with a grade of “C” (2.00) or higher, including the following skill courses or their 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 211 Math for Business Analysis
- Must have completed or be currently enrolled in the following courses or their 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 above criteria should submit a concurrent degree request [12] (please refer to the website for review and submission times). Once admitted to a concurrent degree program, W. P. Carey students are unable to change their major status unless they submit a new concurrent degree request. Please note that the direct admission criteria only applies to a single major within W. P. Carey; students are not able to freely change majors within their concurrent degree or dual concentration combinations. Students are allowed a maximum of 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 [10] 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 following website for further information <https://students.asu.edu/readmission> [13].

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 below “C” (2.00) in any course in the major, the course must be repeated. If a second grade below “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 student appeal procedure on grades, which may be found online at <https://catalog.asu.edu/appeal> [14].

Admission

Because of the additional requirements for the BS, students who do not meet minimum admission standards will automatically be considered for the BA in the W.P. Carey School of Business. Freshman admission requirements for the BA program are the same as the university's freshman admission requirements. Transfer students wanting to be admitted to the BA program must have a 3.00 GPA for all transfer course work and a 3.00 GPA for all ASU course work and must meet university transfer admission requirements.

Graduate Policies

All graduate students in the W. P. Carey School of Business are required to maintain a cumulative GPA of "B" (3.00). 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 will 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 course work 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 Division of Graduate Education and the W. P. Carey School of Business.

Source URL: <https://catalog.asu.edu/policies/business>

Links

- [1] <http://wpcarey.asu.edu/>
- [2] <https://provost.asu.edu/index.php?q=academicintegrity>
- [3] <https://my.wpcarey.asu.edu/academic-integrity/code-of-conduct.cfm>
- [4] <https://my.wpcarey.asu.edu/academic-integrity/index.cfm>
- [5] <http://wpcarey.asu.edu/sos/>
- [6] <https://my.wpcarey.asu.edu/apps/advising/index.cfm>
- [7] <https://my.wpcarey.asu.edu/undergrad/advising/overview.cfm>
- [8] <https://my.wpcarey.asu.edu/undergrad/advising/tracking.cfm>
- [9] <https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/direct-admission-requirements>
- [10] <https://students.wpcarey.asu.edu/degrees-and-advising/advising-forms-and-resources/curriculum-petition>
- [11] <https://students.wpcarey.asu.edu/getting-started/admissions-portfolio>
- [12] <https://apps.wpcarey.asu.edu/apps/portfolioform/index.cfm>
- [13] <https://students.asu.edu/readmission>
- [14] <https://catalog.asu.edu/appeal>

Herberger Institute for Design and the Arts Policies

The Herberger Institute for Design and the Arts is built on a combination of disciplines unlike any other program in the nation, comprising schools of art; arts, media and engineering; design; film, dance and theatre; music, as well as the ASU Art Museum.

The Herberger Institute recommends students contact the Office of Student Success at 480-965-4495 to obtain the most current information on college policies. The Herberger advising staff are available to assist with any questions regarding the institute's policies.

Academic Integrity

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. The Herberger Institute for Design and the Arts strictly adheres to the ASU student academic integrity policy. Information about the academic integrity policy can be found at <https://provost.asu.edu/academicintegrity/students> [1].

Undergraduate Policies

Academic Standing

Probation

A student in any of the institute's degree programs is placed on university academic probation when he or she fails to maintain a cumulative GPA of 2.00. Students on academic probation must observe rules or limitations the institute imposes on the probation as a condition of retention. All Herberger Institute students who are placed on academic probation are required to attend mandatory advising appointments in an effort to help them improve their academic standing. Students are required to complete an academic success contract with their advisor to discuss campus academic resources, plan semester goals and discuss strategies to attain academic success. These meetings continue until the student earns a cumulative GPA of 2.00 or higher.

Continuing Probation

A student who is already on academic probation and earns a GPA of 2.00 or higher for the term but is not successful in raising their cumulative GPA above 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 overall GPA is not at the required level and the conditions of probation have not been met after one semester on probation, the student may be subject to disqualification 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 Office of the Registrar or the Herberger Institute Office of Student Success and is not allowed to register for a fall or spring semester at the university until reinstated.

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, and upon completion of the term with a combined semester cumulative GPA of 2.50 the student may continue regular enrollment at ASU. The student co-enrolls at a Maricopa Community College with a schedule selected in consultation with the ASU advisor. Parameters regarding the number of co-enrolled hours required are at the discretion of each college or school.

Reinstatement

A student who has previously been academically disqualified and seeks to return to ASU either for a fall or spring semester (either immediately or after a period of absence) and has met college admission standards will be required to seek readmission to the university [2] and reinstatement to the Herberger 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 Herberger Institute for consideration.

All disqualified students should contact the Herberger Institute Office of Student Success [3] regarding procedures and guidance for reinstatement and returning to academic good standing. A disqualified student may attend summer sessions at ASU to raise their cumulative GPA. If a cumulative GPA of 2.00 or higher is achieved upon completion of summer course work, the student may petition the institute for early reinstatement. Applications for readmission to ASU must be made to the admission services office. By following recommendations and meeting established standards for summer course work or course work completed at other institutions, the possibility of successful reinstatement is enhanced. All students who are academically disqualified should contact a Herberger 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 [4] 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. For more information, visit the advising website:<http://herbergerinstitute.asu.edu/students/undergrad/advising.php> [3]. 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. Other students who wish to register for more than 18 hours must meet the academic criteria for an overload petition [5] and work with their academic advisor in the Herberger Office of Student Success. Any petition for an overload in excess of 21 hours (or more than 10 hours in either Sessions A or B) must be presented to the advising manager. No student should assume that his or her 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.

Note: 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 course work 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. Students who change majors to transfer into the institute or one of its program areas must have a minimum cumulative GPA of 2.50. A student wishing to enter a major that requires an audition, interview, milestone or portfolio review may be required to successfully complete this requirement before changing their major. The Design School and the School of Art require a review of samples of work (portfolio format) from previous studio classes 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 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. Students must obtain the official form to request a grade of incomplete at <http://students.asu.edu/forms/incomplete-grade-request> [6]. 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. If accepted, the instructor may propose modifications and submit a copy of the 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 one calendar year from the date the grade of "I" is recorded to complete the course. 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 course work 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 his or her class. Students should discuss with their academic advisor plans to withdraw from any courses in order to fully understand all potential repercussions.

Degree Requirements

Critical Requirements

All Herberger students must meet the program and critical requirements for their majors. A student who does not comply with the critical requirements is off track and will have a hold placed on their record, and the student will be required to meet with a Herberger academic advisor to have the hold removed. For more information about critical requirements, please refer to the corresponding major map.

Concurrent Degrees

Students who wish to obtain concurrent degrees must submit a standards committee petition (<http://herbergerinstitute.asu.edu/students/undergrad/forms/herberger.php> [7]) to the undergraduate curriculum committee after successfully meeting the following criteria: minimum 3.00 cumulative GPA, successful completion of 12 credit hours in both programs and successful admission into both intended programs of study. Students pursuing concurrent degrees within the institute must complete 24 unique credit hours in each major.

Change of Major

Current ASU students who wish to change majors to one of the institute's degrees must have a cumulative ASU GPA of 2.50 or higher. 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 their 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 one fall or spring semester or no more than two consecutive semesters are eligible

to return through quick reentry. 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 three or more semesters and want to return to ASU in a Herberger Institute program are required to apply for readmission through the admission services office.

- Readmission is only considered after a student has remained out of the Herberger Institute for a minimum of two 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 hours of appropriate course work with a GPA of 2.50 or higher.
- 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 Herberger Institute major and that major requires a creative review, a new review may be required.
- If readmission is approved within the Herberger Institute, the student will return with continued probation status in the appropriate degree program.

Once readmitted, returning students are required to meet with a Herberger 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 most majors in the Herberger Institute. See <http://herbergerinstitute.asu.edu/admissions/undergrad/applying/major.php> [8] 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: <http://art.asu.edu/> [9]; phone 480-965-6303
- School of Arts, Media and Engineering: <http://ame.asu.edu/> [10]; phone 480-965-9438
- The Design School: <http://herbergerinstitute.asu.edu/degrees/design.php> [11]; phone 480-965-3536
- School of Film, Dance and Theatre: <https://filmdancetheatre.asu.edu/> [12]; phone 480-965-5337
- School of Music: <http://music.asu.edu/> [13]; phone 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 Division of Graduate Education and the Herberger Institute for Design and the Arts.

Source URL: https://catalog.asu.edu/policies/design_and_arts

Links

[1] <http://provost.asu.edu/academicintegrity/students>

[2] <http://students.asu.edu/readmission>

[3] <http://herbergerinstitute.asu.edu/students/undergrad/advising.php>

[4] <http://herbergerinstitute.asu.edu/grievanceprocedure/>

[5] http://herbergerinstitute.asu.edu/students/includes/documents/petition_for_overload_112111.pdf

[6] <http://students.asu.edu/forms/incomplete-grade-request>

[7] <http://herbergerinstitute.asu.edu/students/undergrad/forms/herberger.php>

[8] <http://herbergerinstitute.asu.edu/admissions/undergrad/applying/major.php>

[9] <http://art.asu.edu/>

[10] <http://ame.asu.edu/>

[11] <http://herbergerinstitute.asu.edu/degrees/design.php>

[12] <https://filmdancetheatre.asu.edu/>

[13] <http://music.asu.edu/>

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 by which they may achieve excellence in the major branches of engineering, computer science, informatics, construction management, aviation, technology, cognitive science, 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; intellectual fusion of unique and distinct disciplines; social embeddedness in the local, national and international communities; and global engagement.

For more information, see <http://engineering.asu.edu> [1].

Ira A. Fulton Schools of Engineering Aspirations

Graduates from any of the schools' programs will 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. 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 a first step in ethics, all students are expected to follow the student code of conduct and rules of academic integrity defined by the university as outlined at <http://provost.asu.edu/academicintegrity> [2].

Academic Integrity

Students enrolled in the Ira A. Fulton Schools of Engineering are required to maintain high levels of integrity and honesty in their academic progress. The ASU Student Academic Integrity Policy is strictly enforced and followed. A student with an alleged violation is required to discuss the violation with the professor. A student charged with a violation of the student academic integrity policy will have the opportunity to appeal the charge and be heard by the Ira A. Fulton Schools of Engineering standards hearing board, which provides recommendations to the dean or the dean's designee. The dean or dean's designee will review the recommendation and render a decision. If the decision is suspension or expulsion, the student may appeal to the Office of the University Provost. Policy information is located at <http://provost.asu.edu/academicintegrity> [2].

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.

Undergraduate Policies

Academic Standing

Student Responsibilities

Students need to make many decisions as they complete their degrees. While the schools and the university have a number of resources available (e.g., faculty, courses, advisors and tutors) to help with decision-making, 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 of the following:

- maintain acceptable GPAs
- enroll and complete critical tracking requirements
- complete courses each semester that are applicable to their degrees

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 that will help them 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 with probation status 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 enrolled in only one course, a grade of "C+" (2.33) or better and a minimum cumulative ASU GPA of 2.00 is required to obtain 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.

Conditions for Ira A. Fulton Schools of Engineering Probation

A student is placed on college or university probation status 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 any 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 any one 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

Courses completed during summer sessions are not used to reevaluate a student's probationary status.

Ira A. Fulton Schools of Engineering Ineligibility

Students who are on 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 probationary student does any of the following:

- does not attain a semester GPA of 2.25 or higher 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 hours of completed course work. Students should contact their advisor to determine if this is an option for them.
- Students may take nonengineering courses during summer sessions.
- Students may request a status review by contacting the Office of Academic and Student Affairs.

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 in setting academic and career goals, understanding school and university policies and procedures, meeting degree requirements, and becoming familiar with sources of academic support within the university. Students may also work with faculty advisors familiar with the chosen fields of specialization. Students should consult with their advisors prior to registering each semester. A list of program advisors can be viewed at <http://engineering.asu.edu/advising> [3].

Students are encouraged to use the eAdvisor tool for academic planning. This service provides critical requirements and major maps, which are individualized student reports that lay out a specific, clear and accurate path to timely completion of each student's intended degree. Access eAdvisor at <http://eadvisor.asu.edu> [4].

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 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 be advised before they can register for classes, including summer sessions classes. 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 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 plans. (The success plan is designed to assist students in identifying a path to academic success and can be found at https://engineering.asu.edu/advising/wp-content/uploads/sites/7/2014/11/ProbationSuccessPlan_2010.pdf [5].) 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 withdrawal 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 in any course is unsatisfactory may be required by the appropriate school director or program chair to take additional course work. Find the first-year composition requirement at http://catalog.asu.edu/ug_grad_req [6].

Concurrent Degrees

Students interested in pursuing a concurrent degree should consider:

- The degree conferral date - This occurs when all degree requirements are satisfied for each undergraduate degree program; that is, students receive both degrees at the same time regardless if course work 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:

- 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 with each respective school or college offering the desired degree programs to request permission to pursue the concurrent degrees.
 - The petition form is available online at <http://students.asu.edu/node/1834> [7].
 - 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 [8] Graduation Office if 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. 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, visit <http://engineering.asu.edu/apply/admission-requirements/> [9].

Students who were admitted as freshmen into the Ira A. Fulton Schools of Engineering, with the exception of The Polytechnic School, and 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 [10]. 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.

Transfer students who have been admitted to the Ira A. Fulton Schools of Engineering from a non-ASU institution or another college within ASU must meet transfer admission guidelines in order to change to any other major within the Ira A. Fulton Schools of Engineering.

Evaluation of Previous Course Work

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 <http://transfer.asu.edu> [11].

It should be noted that some courses taken in 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 with approval of the dean.

Currency of Course Work

Courses taken more than five years before admission to degree programs in the Ira A. Fulton Schools of Engineering are not normally accepted for transfer credit, at the option of the program in which the applicant wishes to enroll. 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 (BSE or BS) program within their majors, provided they meet the minimum ACT or SAT score required for freshman 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. 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. University graduation requirements can be found at http://catalog.asu.edu/ug_grad_req [6].

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 one fall or spring semester or no more than two consecutive semesters are eligible to return through quick reentry. 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 three or more 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 the degree program they left with the same academic standing (i.e., good academic standing or probation) they had when they left ASU.
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 higher are readmitted to the degree program with the same academic standing (i.e., good academic standing or probation) they had when they left ASU.
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 (i.e., good academic standing or on probation) he or she had when leaving ASU.
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 he or she is now capable of successfully completing courses in the discipline by the completion of at least 15 hours of appropriate course work with a GPA of 3.00 or higher and a cumulative (ASU plus transfer) GPA of at least 2.50.
- If the readmission request requires a change of major, then they 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 3.00 or higher GPA in all of the following:

1. all work taken for graduate credit (courses numbered 500 or higher)
2. course work in the student's approved plan of study
3. all postbaccalaureate course work taken at ASU (overall GPA)

A student will be placed on academic probation if one or more of the student's GPAs listed above falls below 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 better in the GPAs listed above by the time the next nine hours are completed. Course work 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 of the GPAs listed above to 3.00 or better 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 Web page. For a list of programs, visit <http://engineering.asu.edu> [12]. University policies related to graduate students can be found at <https://graduate.asu.edu> [13].

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 Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Source URL: <https://catalog.asu.edu/policies/engineering>

Links

[1] <http://fulton.asu.edu/fulton/>

[2] <http://provost.asu.edu/academicintegrity>

[3] <http://engineering.asu.edu/advising>

[4] <http://eadvisor.asu.edu/>

[5] https://engineering.asu.edu/advising/wp-content/uploads/sites/7/2014/11/ProbationSuccessPlan_2010.pdf

[6] http://catalog.asu.edu/ug_grad_req

[7] <http://students.asu.edu/node/1834>

[8] <https://students.asu.edu/contact/office-university-registrar>

[9] <http://engineering.asu.edu/apply/admission-requirements/>

[10] https://catalog.asu.edu/retention_standing

[11] <http://Transfer.asu.edu>

[12] <http://engineering.asu.edu/>

[13] <https://graduate.asu.edu/>

School for the Future of Innovation in Society Policies

The exciting, transdisciplinary programs and course work offered by the School for the Future of Innovation in Society focus on the intersections of science, technology, innovation and society, enabling students to rethink the social and technical aspects of innovation. They are then able to envision, design and build the futures humanity would want to inhabit. The transdisciplinary team of faculty has an extraordinary track record of research and service in addition to their dedication to teaching and mentoring students and cultivating the knowledge, skills and dispositions with which the school's graduates will approach and construct the future.

Academic Integrity

At ASU, 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. Students' course work, research, and projects must be original and reflect individual effort and integrity. When in doubt about appropriate conduct, students should consult a faculty mentor to seek clarification. The School for the Future of Innovation in Society has a zero tolerance policy for any form of academic misconduct. Penalties for unethical behavior range from being placed on academic probation to being dismissed from the program.

The ASU Student Academic Integrity Policy determines all related violations of this policy and will be strictly enforced and followed. A copy of the policy is available at <http://provost.asu.edu/academicintegrity> [1].

Undergraduate Policies

Academic Standing

To be considered in academic good standing in the School for the Future of Innovation in Society, students must achieve a cumulative GPA of 2.00 or higher.

Probation

Students who do not achieve a 2.00 GPA will be placed on university academic probation and must meet with an advisor to discuss academic success strategies. Students on academic probation will be required to take UNI 220 Academic Refresher. UNI 220 will appear on the students' DARS as a graduation requirement. In addition, students who have fewer than 24 credit hours will be required to participate in the [ASU Pathway for Achieving Student Success program](#) [2].

Within one semester, a student on academic probation must do one of the following:

1. Raise their ASU cumulative GPA to 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 school policies should be discussed with the student's academic advisor, and students may be required to submit a petition. Some petitions may require a secondary review by the ASU University Undergraduate Standards Committee.

Academic Advising

All students are encouraged to seek advising before registration. Students must follow the calendar published in the registration and tuition payment guide each semester for information and deadlines pertaining to enrollment, adding or dropping classes and withdrawals.

In addition to information provided by an academic advisor, students are expected to read the requirements for university general studies and major degree requirements in their edition of the ASU academic catalog. The ASU academic catalog is the governing source for all degree requirements.

Advising Information: <https://sfis.asu.edu/degree-programs/undergraduate-programs> [3]

Mandatory Advising

The following students in the School for the Future of Innovation in Society must receive advising clearance prior to course registration:

- new students in their first two semesters of attendance
- readmitted students in their first returning semester
- students on academic probation or continued probation
- students with 87 credit hours or more completed
- students who are off track for graduation
- students who have been disqualified

Students are encouraged to check their advising status requirements each semester before attempting any registration transactions through My ASU.

Credit/Registration

Students enrolling in courses offered by the School for the Future of Innovation in Society 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 advisor before 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 credits for a summer session, with no more than seven credits in session A or session B. 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 advisor to discuss a course overload.

For more details on credit hour limits, please visit: https://catalog.asu.edu/course_load [4]. For more details on the petitioning process, contact the school's advising office.

Repeat/Replace Policy

Students wishing to repeat courses and possibly replace prior course grades must follow the policy stated in the University Student Services Manual 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 School for the Future of Innovation in Society. Contact the advising office for information.

Pass/Fail Grade Options

A grade of "Y" (satisfactory) 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 school or 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.

School for the Future of Innovation in Society students may not enroll under the pass/fail option in the following courses:

- first-year composition requirements
- general studies requirements
- honors credits
- language proficiency requirements
- major, minor, concentration area or certificate program

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 School for the Future of Innovation in Society freshman students are required to enroll in the FIS 101 course during their first ASU semester.

Minors

The school offers a minor in Innovation in Society. 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.

Concurrent Degrees

The School for the Future of Innovation in Society allows students to request approval to pursue a concurrent degree if they:

- have completed at least 30 graded credit hours
- are in good academic standing
- have a minimum GPA of 2.00

Concurrent degrees may not be from the same discipline or have overlap in the core courses required for each major.

Students must earn at least 30 unique credit hours for each degree.

To request a concurrent degree, the student must meet with an academic advisor and fill out the School for the Future of Innovation Standards Petition form [5]. If the second program is outside of SFIS, the student will also be required to get approval from the other college or school that offers the concurrent degree program.

Critical and Necessary Requirements

All undergraduate majors at ASU are provided an eight-term course plan, called a major map, that leads them to graduation in four years. School for the Future of Innovation in Society 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. To have the hold removed, the student will be required to meet with a School for the Future of Innovation in Society academic advisor. For more information about critical requirements, please refer to the corresponding major map or eAdvisor <https://eadvisor.asu.edu/> [6]

Readmission

Students who have been disqualified from ASU may be readmitted to the School for the Future of Innovation in Society for a fall or spring semester if they complete one of the following:

1. Raise their ASU cumulative GPA to good academic standing (2.00) by taking ASU summer session courses.
2. Complete 12 or more transferrable credit hours at a community college or university with no grades 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 ASU academic good standing (2.00). Failure to do so will result in disqualification from the university.

Graduate Policies

The school’s graduate policies are guided by the university policies on graduate studies. For details, see <https://graduate.asu.edu/policies-procedures> [7].

Degree Requirements

Each student in the school will be required to file an interactive plan of study. Once matriculated, the student will meet with the faculty or program advisors to prepare their plan.

While the ultimate responsibility of understanding the requirements of their respective academic degrees lies with each student, the School for the Future of Innovation in Society provides advising services to students that will help them understand the school’s policies and procedures and allow them to set their academic goals.

Students must fulfill all requirements of their individual graduate programs and abide by all university policies, including those of the Division of Graduate Education. Full details of policies and procedures related to the school’s graduate programs can be found on each program’s webpage at <https://sfis.asu.edu/degree-programs> [8].

Academic Standing

Students are expected to make planned and systematic progress toward completion of their graduate program. This progress includes being in good academic standing and achieving the benchmarks and requirements set by the programs, including additional satisfactory progress policies. Students are responsible for verifying all these requirements are met as well as additional requirements on satisfactory academic progress, probation and disqualifications are met.

Students failing to satisfy their graduate program requirements or the benchmarks outlined below may be recommended to the Division of Graduate Education for dismissal from their programs. For details, see <https://graduate.asu.edu/key-policies> [9].

To be in good academic standing, students are required to maintain a minimum 3.00 GPA on all GPAs (plan of study, cumulative and graduate). These include all course work on their approved interactive plan of study, on all postbaccalaureate course work taken at ASU, and on graduate credit courses (those numbered 500 or higher).

A student with a cumulative GPA less than 3.00 will be placed on academic probation and may be subject to dismissal. If any GPA falls below 3.00, the student must develop, with the advisor, an academic performance improvement plan that includes the conditions and timeframes for making satisfactory academic progress in their degree program. The student is considered to be on academic probation until the conditions specified in the academic performance improvement plan are met and GPAs are greater than 3.00. Course work such as research and dissertation and any course that is graded with a “Z” (in progress) or “Y” (satisfactory) cannot be included in the GPA.

Students must also satisfy the maximum time limit for graduation from the student’s graduate program (six years for master’s degrees and certificates, 10 years for doctorates). Doctoral students must comply with the five-year time limit for completion after passing the comprehensive examinations.

Students must successfully pass any comprehensive exams, qualifying exams, foreign language exams, and an oral defense of the proposal or prospectus for the thesis, dissertation or any other culminating events required for their program.

Students must stay continuously enrolled in their graduate degree program. Failing to do so without a Division of Graduate Education-approved request to maintain continuous enrollment is considered to be a lack of academic progress and will lead to automatic dismissal of the student from the graduate program.

Source URL: <https://catalog.asu.edu/policies/sfis>

Links

[1] <http://provost.asu.edu/academicintegrity>

- [2] <https://tutoring.asu.edu/pass>
- [3] <https://sfis.asu.edu/degree-programs/undergraduate-programs>
- [4] https://catalog.asu.edu/course_load
- [5] <https://catalog.asu.edu/sites/default/files/attachment/sfisstandardspetition.pdf>
- [6] <https://eadvisor.asu.edu/>
- [7] <https://graduate.asu.edu/policies-procedures>
- [8] <https://sfis.asu.edu/degree-programs>
- [9] <https://graduate.asu.edu/key-policies>

Thunderbird School of Global Management Policies

Thunderbird School of Global Management is the historic leader in global management education, setting the pace in global organizational management since 1964 with a specialized education that combines fundamental business studies with language and business environmental and cultural studies. From its first days as a unique school in the desert, it has grown into the leading school of international business and management. Along the way, it embraced innovation, but it has always focused on graduates who are ready to make a difference. At no other time in history has there been a greater need for managers who can boldly lead global organizations, work with diverse teams and integrate far-reaching logistical networks of suppliers, customers and partners.

A Thunderbird education is designed for bold and progressive thinkers in a world of complex, global organizational leadership. The student learning experience will be pragmatic and relevant. From the diverse life experiences of colleagues to cases that are always global and to applied experiences like Thunderbird Emerging Market Laboratories, this is a unique educational experience. Its graduates expect to hit the ground running in environments that are not always predictable and familiar.

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 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, see <http://provost.asu.edu/academicintegrity> [1].

For more information on graduate specific policies, refer to the specific graduate program manual and please see <https://graduate.asu.edu/academic-integrity> [2].

Undergraduate Policies

Academic Standing

To maintain satisfactory academic progress, all students in the Thunderbird School of Global Management must:

1. maintain a minimum 2.00 GPA each semester
2. maintain a minimum 2.00 cumulative GPA

Probation

A student is placed on probation at the end of the fall or spring semester if their GPA falls below 2.00.

Continuing Probation

Students are placed on continuing probation when their cumulative GPA is below 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 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 two consecutive semesters. For more information on critical tracking courses, please see <https://webapp4.asu.edu/programs/t5/MajorMaps> [3].

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 below 2.00 for more than two consecutive semesters. Students who are disqualified are not allowed to enroll in the following fall or spring semester. Disqualified students may take courses during the summer to raise their GPA.

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 Thunderbird School of Global Management 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.

Academic advising is required for the following students:

1. All freshman and new transfer students are required to meet with an academic advisor before course registration. Thus, freshmen are required to meet with an academic advisor prior to both their first and second semesters.
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 to provide student feedback over the course of the academic semester and year. The ASRs may be used to identify students who are struggling academically or professionally or to recognize students who are exceeding in course work. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement. <https://students.asu.edu/asrr> [4]

Credit/Registration

Students are allowed to register for a maximum of 18 credits per semester. Students may petition the Thunderbird School of Global Management Standards Committee through their program director to register for more than the maximum allowable. No student should assume that a petition for overload will be granted. For more information, please see https://catalog.asu.edu/course_load [5].

Transfer credits from other institutions may be accepted and applied based on the student's major. The 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, please see <https://transfer.asu.edu> [6].

Pass/Fail

Thunderbird majors may not enroll on a pass/fail basis for any course required for graduation. 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 higher.

Degree Requirements

Concurrent Degrees

Students who are interested in pursuing concurrent degrees may petition [7] the Thunderbird School of Global Management Standards Committee through the academic advising office.

Thunderbird School of Global Management strongly recommends that students interested in applying for a concurrent degree meet the following criteria:

1. have a minimum cumulative GPA of 3.00
2. a minimum of 12 credit hours of course work completed in the first major
3. a minimum of nine credit hours of course work completed in the second major

Once accepted as a concurrent degree student in the Thunderbird School of Global Management, students are required to meet the following criteria:

1. a maximum of 15 credit hours of course work may be shared between the majors (i.e., course work that overlaps majors)

2. a minimum of 30 credit hours of course work must be unique between the majors (i.e., course work must be distinct in each major) *

*In this case, a major is defined as the course work in the discipline of the degree program as well as closely-related required courses. Prerequisites in the sciences, mathematics or defined SB or HU courses are not considered to be part of the major and will not count toward the 15 credit hour shared course maximum.

For more information on degree requirements, please see <https://students.asu.edu/programs/> [8].

Reinstatement/Readmission

Disqualified or ineligible students who have missed a fall or spring semester must follow ASU procedures for readmission. Students are also required to meet with a Thunderbird School of Global Management academic advisor prior to course enrollment. Exceptions may apply, including for students on leave of absence and students who serve in the military. For more information, please see <https://students.asu.edu/readmission> [9].

Other Special Requirements

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 higher 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. See program major map for specific language requirement. Contact the advising office for information on applicable course work.

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

Non-native English speakers 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 non-native English speakers 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.

Language Waivers

Students who wish to demonstrate a higher level of language may waive lower levels by taking an oral proficiency interview to insure correct placement level of class.

Medical or Compassionate Withdrawals

Students must meet specific criteria for a medical leave of absence, leave of absence or compassionate withdrawal. Students who are eligible or have questions about eligibility must work closely with the academic advising office to complete the necessary procedures.

For more information, please

see https://students.asu.edu/files/LeaveOfAbsence111010cb_0.pdf [10] or <https://students.asu.edu/forms/medical-compassionate-withdrawal-request> [11].

Incomplete Grades

Students must meet specific criteria to be eligible for a grade of "I" (incomplete). 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. For more information, please see <https://students.asu.edu/files/Incomplete%20Grade%20Request.pdf> [12].

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/policies-procedures> [13]. Each student should also communicate directly with the program 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 Division of Graduate Education and the Thunderbird School of Global Management.

All graduate students in the Thunderbird School of Global Management are required to maintain a cumulative GPA of "B" (3.00). See individual graduate degree programs for additional requirements on satisfactory academic progress, probation and disqualification.

Credit/Registration

Students are allowed to register for a maximum of 15 credits per semester. Students may petition the Thunderbird School of Global Management Standards Committee through their program director to register for more than the maximum allowable. No student should assume that a petition for overload will be granted.

Second-Language Proficiency Requirement

Any student pursuing a Master of Global Management or Master of Arts in global affairs and management must demonstrate proficiency in a second language. Please contact the Thunderbird School of Global Management for any questions regarding the requirements for fulfilling the second-language proficiency requirement.

Source URL: <https://catalog.asu.edu/policies/global-management>

Links

- [1] <http://provost.asu.edu/academicintegrity>
- [2] <https://graduate.asu.edu/academic-integrity>
- [3] <https://webapp4.asu.edu/programs/t5/MajorMaps>
- [4] <https://students.asu.edu/asrr>
- [5] https://catalog.asu.edu/course_load
- [6] <https://transfer.asu.edu>
- [7] https://catalog.asu.edu/sites/default/files/attachment/tbird_concurrent_degree_petition.pdf
- [8] <https://students.asu.edu/programs>
- [9] <https://students.asu.edu/readmission>
- [10] https://students.asu.edu/files/LeaveOfAbsence111010cb_0.pdf
- [11] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>
- [12] <https://students.asu.edu/files/Incomplete%20Grade%20Request.pdf>
- [13] <https://graduate.asu.edu/policies-procedures>

College of Health Solutions

The mission of the College of Health Solutions is to promote better health at lower costs for more people. The college plans to realize this goal by working with others at ASU to train and develop the health work force of the future. For more information, please refer to the College of Health Solutions Student Handbook at <https://chs.asu.edu/students> [1].

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 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, see <http://provost.asu.edu/academicintegrity> [2].

For more information on graduate specific policies, refer to the specific graduate program manual and please see <https://graduate.asu.edu/academic-integrity> [3].

Undergraduate Policies

Academic Standing

To maintain satisfactory academic progress, all students in the College of Health Solutions must: *

1. maintain a minimum 2.00 GPA each semester
2. maintain a minimum 2.00 cumulative GPA

*Speech and hearing science majors must maintain a 2.80 GPA in ASU critical tracking courses. For more information on specific admission criteria, please see <https://students.asu.edu/apply> [4].

Probation

If their GPAs below 2.00, students are placed on probation at the end of fall or spring semester.

Continuing Probation

Students are placed on continuing probation when their cumulative GPA is below 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 course work, per the pertinent major map. For more information on critical tracking courses, please see <https://webapp4.asu.edu/programs/t5/MajorMaps>. [5]

Students are off track if they fail to meet ASU critical tracking requirements for two consecutive semesters. For more information on critical tracking courses, please see <https://webapp4.asu.edu/programs/t5/MajorMaps> [5]

Students who remain on 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 below 2.00 for more than two consecutive semesters. Students who are disqualified are not allowed to enroll in the following fall or spring semester. Disqualified students may take courses during the summer to raise their GPA.

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 Office of Student Affairs 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.

It is important for students in the College of Health Solutions to cultivate the following skills in their development as professionals in the health care industry.

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 is available to facilitate student success in these and other domains. Advisors are available to meet with students in each of the undergraduate programs in person, by email, by phone or via Skype.

Academic advising is required for the following students:

1. All freshman and new transfer students are required to meet with an academic advisor before course registration. Thus, freshmen are required to meet with an academic advisor prior to both their first and second semesters.

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 to provide student feedback over the course of the academic semester and year. The ASRs may be used to identify students who are struggling academically or professionally or to recognize students who are exceeding course work limits. Academic advisors and faculty mentors may access ASRs to provide students with valuable insight into performance improvement. <https://students.asu.edu/asrr> [6]

In order to be successful in the College of Health Solutions, students are strongly encouraged to be proficient in basic concepts in writing, math and science. Students are encouraged to use the following resources:

1. Academic Advising: <https://chs.asu.edu/students/advising> [7]
2. Student Success Center: <https://tutoring.asu.edu> [8]
3. Math Tutoring Center: <https://tutoring.asu.edu/> [9]
4. Writing Center: <https://studentsuccess.asu.edu/writingcenters> [10]
5. Peer Coaching: <https://students.asu.edu/fys> [11]
6. Career Services: <https://eoss.asu.edu/cs> [12]

Credit/Registration

Students are allowed to register for a maximum of 18 credits per semester. Students may petition the College of Health Solutions Standards Committee through the Academic Advising Office to register for more than the maximum allowable. For more information, please see https://catalog.asu.edu/course_load [13].

Transfer credits from other institutions may be accepted and applied based on the student's major. The College of Health Solutions 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, please see <https://transfer.asu.edu> [14].

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 Exercise and Wellness degree program may also petition to pursue a degree in Spanish. A student interested in pursuing a concurrent option 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 and may not share courses in the major.

Minimum Requirements

1. sophomore standing or higher
2. minimum 3.00 GPA
3. minimum of 12 hours of course work completed in the first major
4. minimum of nine hours of course work completed in the second major
5. minimum of 30 unique hours of course work in each major

In order to begin the process in the College of Health Solutions, please complete the form: https://chs.asu.edu/sites/default/files/petition_to_the_college_of_health_solutions_of_intent_to_pursue_concurrent_degrees.docx [15] or go to <https://chs.asu.edu/students/advising/advising-forms> [16].

Reinstatement/Readmission

Disqualified or ineligible students who have missed a fall or spring semester must follow ASU procedures for readmission. Students are also required to meet with a College of Health Solutions academic advisor prior to course enrollment. Exceptions may apply, including students on leaves of absence and students who serve in the military. For more information, please see <https://students.asu.edu/readmission> [17].

Other Special Requirements

Clinical requirements

Some degree programs offered in the College of Health Solutions require clinical training in hospital or ambulatory care settings. These clinical sites may require criminal background checks and proof of medical insurance or proof of immunizations or both.

Special considerations

Medical / compassionate withdrawals

Students must meet specific criteria for a medical leave of absence, leave of absence and compassionate withdrawal. Students who are eligible or have questions about eligibility must work closely with the Academic Advising Office to complete the necessary procedures.

For more information, please

see https://students.asu.edu/files/LeaveOfAbsence111010cb_0.pdf [18] or <https://students.asu.edu/forms/medical-compassionate-withdrawal-request> [19]

Incomplete grades

Students must meet specific criteria to be eligible for a grade of "I" (incomplete). 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 grade adjusts to a course failure. For more information, please see <https://students.asu.edu/files/Incomplete%20Grade%20Request.pdf> [20]

Military

Students with military or veteran status, please see <https://veterans.asu.edu/> [21]

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 the Disability Resource Center. For more information, please see <https://eoss.asu.edu/drc>. [22]

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.

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 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. 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 Student Academic Integrity Policy is strictly enforced for students found in violation of this policy. Possible sanctions could include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. For more information, refer to the specific graduate program manual and please see <https://graduate.asu.edu/academic-integrity> [3].

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 manual.

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 is available to facilitate student success in these and other domains. Advisors are available to meet with students in each of the graduate programs (i.e., the School of Nutrition and Health Promotion, the Department of Speech and Hearing Science, the School for the Science of Health Care Delivery, the Doctor of Behavioral Health Program and others).

Faculty advisors meet with students in the academic area of concentration.

Special Considerations

Medical / compassionate withdrawals

Students must meet specific criteria for a medical leave of absence, leave of absence and compassionate withdrawal. Students who are eligible or have questions about eligibility must work closely with the Academic Advising Office to complete the necessary procedures.

For more information, please

see https://students.asu.edu/files/LeaveOfAbsence111010cb_0.pdf [18] or <https://students.asu.edu/forms/medical-compassionate-withdrawal-request> [19]

Military

Students with military or veteran status, please see <https://veterans.asu.edu/> [21]

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 the Disability Resource Center. For more information, please see <https://eoss.asu.edu/drc> [22]

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 Division of Graduate Education 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 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. 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://chs.asu.edu/students>
- [2] <http://provost.asu.edu/academicintegrity>
- [3] <https://graduate.asu.edu/academic-integrity>
- [4] <https://students.asu.edu/apply>
- [5] <https://webapp4.asu.edu/programs/t5/MajorMaps>
- [6] <https://students.asu.edu/asrr>
- [7] <https://chs.asu.edu/students/advising>
- [8] <https://studentsuccess.asu.edu>
- [9] <https://studentsuccess.asu.edu/>
- [10] <https://studentsuccess.asu.edu/writingcenters>
- [11] <https://students.asu.edu/fys>
- [12] <https://eoss.asu.edu/cs>
- [13] https://catalog.asu.edu/course_load
- [14] <https://transfer.asu.edu>
- [15] https://chs.asu.edu/sites/default/files/petition_to_the_college_of_health_solutions_of_intent_to_pursue_concurrent_degrees.docx
- [16] <https://chs.asu.edu/students/advising/advising-forms>
- [17] <http://students.asu.edu/readmission>
- [18] https://students.asu.edu/files/LeaveOfAbsence111010cb_0.pdf
- [19] <https://students.asu.edu/forms/medical-compassionate-withdrawal-request>
- [20] <https://students.asu.edu/files/Incomplete%20Grade%20Request.pdf>
- [21] <https://veterans.asu.edu/>
- [22] <http://www.asu.edu/studentaffairs/ed/drc/>

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. 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 ranks their ranking within the 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 had 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 2-102.

The Barrett admission application and additional information about the college and its activities are available at <https://barretthonors.asu.edu> [1].

Undergraduate Policies

Advising

Barrett students have advisors in their major, an assigned Barrett honors advisor [2], 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, 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> [3]. There are also special prelaw and prehealth advising opportunities for Barrett students. 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 course work:

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 course work 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 or any automatic honors course.
3. Included in the 36 credit hours of honors course work 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 course work 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 the three-credit-hour course HON 370 History of Ideas and 18 required hours of upper-division honors course work, six credits of which must be outside the academic major. Upper-division transfer students are required to complete 21 hours of upper-division honors course work.
5. Students are required to complete an honors thesis or creative project for at least three credit hours, though some units may allow students to complete six credit hours of thesis or creative project work. The thesis credit hours may be included in the 18 required hours of upper-division honors course work. 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. The student must maintain a cumulative ASU GPA of 3.25 or higher.

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. Junior-level seminar courses introduce 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 transferring.

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 instructor 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 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.

Course reserved for students in Barrett and that always count for honors credit are those listed in the online ASU Class Search/Course Catalog 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.

The departmental courses with the number 493 are reserved for honors students completing their honors thesis or creative project. A student may enroll for this course 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 ENG 105 Advanced First-Year Composition (any in-person section), FSE 104 EPICS Gold Feasibility and Planning, FSE 150 Perspectives in Grand Challenges for Engineering, GRK 101 Elementary Ancient Greek, CHE 211 Introduction to Chemical Processing, CPI 310 Web-Based Information Management Systems, CEE/CNE 212 Engineering Mechanics II: Dynamics, CEE 486 Integrated Civil Engineering Design, CSE 230 Computer Organization and Assembly Language Programming, EEE 230 Computer Organization and Assembly Language Programming, ACT 310 Mathematics of Finance, ACT 430 Mathematics of Financial Derivatives, 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, visit the Barrett Signature Courses webpage [4] and review the Honors Courses document.

Source URL: <https://catalog.asu.edu/policies/barrett>

Links

[1] <https://barretthonors.asu.edu>

[2] <https://barretthonors.asu.edu/academics/advising-and-requirements>

[3] <https://barretthonors.asu.edu/>

[4] <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, as well as foundational instruction in humanities, social sciences, mathematics, sciences and professional fields. The college also offers ASU students with fewer than 45 college credit hours the opportunity to explore all ASU degrees as an exploratory student.

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, disqualification and dismissal. The College of Integrative Sciences and Arts adheres strictly to the student code of conduct regarding academic dishonesty. A copy of the student code of conduct may be obtained online at <https://provost.asu.edu/academicintegrity> [1].

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.

Probation

Students who do not achieve a 2.00 GPA will be placed on university academic probation and must meet with an advisor to discuss academic success strategies. Students on academic probation will be required to take UNI 220 Academic Refresher. UNI 220 will appear on the students' DARS as a graduation requirement. In addition, students who have fewer than 24 credit hours will be required to participate in the ASU PASS [2] program.

Within one semester, a student on academic probation must do one of the following:

1. Raise their ASU cumulative GPA to 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 specialist, 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, please visit https://cisa.asu.edu/standards_petitions [2]

Academic Advising

All students are encouraged to seek advising before registration. Students must follow the calendar published in the registration and tuition payment guide each semester for information and deadlines pertaining to enrollment, adding or dropping classes and withdrawals.

In addition to information provided by an academic success specialist, students are expected to read the requirements for university general studies, college graduation and major degree requirements in their edition of the ASU academic catalog. The ASU academic catalog is the governing source for all degree requirements.

Advising Information: <https://cisa.asu.edu/advising> [3]

Mandatory Advising

The following students in the College of Integrative Sciences and Arts must receive advising clearance prior to course registration:

- students in all exploratory tracks
- new students in their first two semesters of attendance
- readmitted students in their first returning semester
- students with 87 credit hours or more completed
- students on academic probation or continued probation
- students who have been disqualified
- students who are off track for graduation

Students are encouraged to check their advising status requirements each semester before attempting any registration transactions through My ASU.

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 specialists before 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 credits for a summer session, with no more than seven credits in session A or B.

- First-semester freshman and entering transfer students are not permitted to register for more than 18 credit hours in the initial 15-week semester or 9 credit hours in session A and 9 credit hours in session B.
- 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 specialist to discuss a course overload.

For more details on credit hour limits, please visit: https://catalog.asu.edu/course_load [4]. For more details on the petitioning process, please visit https://cisa.asu.edu/standards_petitions [2]

Repeat/Replace Policy

Students wishing to repeat courses and possibly replace prior course grades must follow the policy stated in the University Student Services Manual 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 grade of “Y” (satisfactory) 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 freshman students are required to enroll in the 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 18 hours in the discipline with at least 12 of those hours as upper-division courses.

- Six of the upper-division hours must be taken from courses offered by the College of Integrative Sciences and Arts.
- 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.
- Some disciplines that are too close in content for a student to choose a particular combination of minor and major.

Concurrent Degrees

The college allows students who have completed at least 30 graded credit hours with a minimum GPA of 2.00 to request approval from the college to pursue a concurrent degree. 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 advisor in each degree program and complete a College of Integrative Sciences and Arts Standards Petition form https://cisa.asu.edu/standards_petitions [2], requesting a concurrent degree.

Critical and Necessary Requirements

All undergraduate majors at ASU provide an eight-term course plan leading to four-year graduation called a major map. 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, and the student will be required to meet with a College of Integrative Sciences and Arts academic advisor to have the hold removed. For more information about critical requirements, please refer to the corresponding major map or eAdvisor <https://eadvisor.asu.edu/> [5]

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 social and behavioral sciences
- exploratory health and life sciences
- exploratory humanities and fine arts
- exploratory math, physical sciences, engineering and technology

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

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 one of the following:

1. Raise their ASU cumulative GPA to good academic standing (2.00) by taking ASU summer session courses.
2. Complete 12 or more transferrable credit hours at a community college or university with no grades 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 ASU academic good standing (2.00). Failure to do so will result in disqualification from the university.

Graduate Policies

Please review graduate policies at <https://graduate.asu.edu/key-policies> [6].

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 Division of Graduate Education and the College of Integrative Sciences and Arts.

Source URL: <https://catalog.asu.edu/policies/sls>

Links

[1] <https://provost.asu.edu/academicintegrity>

[2] https://cisa.asu.edu/standards_petitions

[3] <https://cisa.asu.edu/advising>

[4] https://catalog.asu.edu/course_load

[5] <https://eadvisor.asu.edu/>

[6] <https://graduate.asu.edu/key-policies-toward-your-degree>

New College of Interdisciplinary Arts and Sciences Policies

The New College of Interdisciplinary Arts and Sciences is dedicated to providing knowledge on the cutting edge, preparing students with the abilities they will need to succeed in the 21st century.

New College offers an interdisciplinary approach by building upon the knowledges of multiple disciplines such as history, religion, psychology, sociology, biology and statistics, and brings them together to meet such challenges as developing sustainable societies, creating social justice and human rights, ending poverty and understanding who we are and what gives meaning to our lives.

New College focuses on the arts and sciences, a curriculum grounded in the study of a particular discipline or major within a broad general education that provides students with the ability to think critically, to express themselves in speaking and writing, to use quantitative and technological skills in solving problems, and to understand how values shape individuals and societies.

Further, in the tradition of a liberal arts education, New College is built upon close faculty-student relationships, and a large number of undergraduates pursue their own faculty-sponsored independent research projects. Students are also granted the opportunity to integrate curricular with extracurricular life not only by lectures, discussions, and activities outside of the classroom but also by internships and service-learning opportunities in local businesses and organizations. For more information, visit <https://newcollege.asu.edu/> [1].

Academic Integrity

The New College of Interdisciplinary Arts and Sciences adheres to ASU's Student Academic Integrity Policy. Therefore, academic honesty is expected in all areas of student work including examinations, written work, laboratory assignments, internships, group work and all other necessary transactions. If academic integrity is compromised, possible sanctions include course assignment grade penalties, failure of course, disqualification and dismissal from the university. For more information, see <https://provost.asu.edu/academicintegrity/> [2].

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 falling below a semester or cumulative GPA of 2.00 will be placed on academic probation and will be required to meet with an advisor to effectively plan academic progress toward graduation. For further information, see https://catalog.asu.edu/retention_standing [3].

Advising

All students in New College are encouraged to seek academic advisement 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
- freshman students
- students on academic probation
- students off-track for eAdvisor tracking requirements

For New College advising information, see <https://newcollege.asu.edu/college-advisor> [4].

For eAdvisor tracking and other general academic program information, see <https://students.asu.edu/academics> [5].

Credit/Registration

Audit Grade Option

Students may choose to audit a course, allowing them to attend but not earn credit. Students must obtain instructor approval prior to enrollment (<https://students.asu.edu/grades> [6]). 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
- audit option 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 approval from the college academic advisor.

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.

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 course work
- the student has experienced extenuating circumstances prior to the end of the semester, preventing completion of the course (see <https://students.asu.edu/forms/incomplete-grade-request> [7])

Pass/Fail Grade Option

A grade of "Y" (satisfactory) 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.
- 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 taken for honors credits
- those counted toward satisfying New College general studies requirements
- those counted toward satisfying New College proficiency requirements:
 - math
 - language and cultures

Transfer

Transfer Course Work

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. 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 (<https://transfer.asu.edu> [8]).

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 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> [9]).
2. Make an appointment with their advisor, and take the form to the appointment.

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 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:** 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 New College. For information concerning medical or compassionate withdrawal requests, see <https://students.asu.edu/files/Medical-Compassionate%20Withdrawal%20Request.pdf> [10].
- **Seek tutoring or academic support services:** The Student Success Center provides 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. For more information concerning the Student Success Center, visit <https://tutoring.asu.edu/tutoring> [11].
- **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, regardless of their college affiliation. For more information, visit <https://eoss.asu.edu/counseling/location> [12].
- **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 on financial aid depends on when the withdrawal is dated and the type of financial aid. For more information, visit <https://students.asu.edu/financialaid> [13].
- **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 [14] 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 form; and to arrange an appointment to officially check out. For more information, visit <http://housing.asu.edu/content/west-campus> [15].
- **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, email w.westvso@asu.edu [16] or visit <https://veterans.asu.edu> [17].

For general university withdrawal procedures, see <https://students.asu.edu/drop-add> [18].

Degree Requirements

Undergraduate 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) course work 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:

1. ASU 101 or equivalent (freshman students)

2. IAS 300 (transfer students)
3. college proficiency requirements for language and cultures and for mathematics
4. university first-year composition and General Studies requirements
5. major requirements that involve concentrated course work in one program
6. successful completion of critical tracking courses as required on the student's major map*

*For more information regarding eAdvisor tools, please visit <https://eadvisor.asu.edu> [19].

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 higher 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 course work in a current computer language*

*Contact the college advising office for information on applicable course work.

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.

The major program may require up to 51 credit hours of course work. The minimum is 30 hours. A maximum of 18 additional hours may be required in related courses and prerequisites. No more than 63 credit hours of course work may be required to complete the major, related courses and prerequisites.

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 "Y" (pass) grade needs confirmation that it is equivalent to a "C" (2.00) or higher.

General Electives

Upon completion of all other requirements, the remainder of the minimum 120 credit hours required for graduation are general electives. 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. If both parts of the desired concurrent program are offered by New College, sharing of credits is allowable; however, if the program overlap is too significant between the two programs, the petition may not be granted.

Students are eligible to pursue a concurrent degree when the following criteria have been met:

- The student has completed a minimum of 12 credit hours and all prerequisites within the first major.
- The student has maintained a cumulative GPA of 3.00 or higher.

- The student may not wait until the final semester to petition for approval to pursue a concurrent degree.

To be approved to pursue a concurrent degree, students must file a Petition to Pursue Concurrent Degree form: <https://newcollege.asu.edu/advising/forms> [20].

Minors

New College 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 hours completed as upper-division course work. 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> [21]).

Readmission

Undergraduate degree-seeking students having previously attended ASU but not enrolled at ASU for one fall or spring semester or no more than two consecutive semesters, are eligible to return through quick reentry. 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 three or more semesters and want to return to ASU in a New College program are required to apply for readmission through the university registrar's office (see <https://students.asu.edu/readmission> [22].)

Disqualified or ineligible students must follow the procedures for readmission and will be reviewed by the college on a case-by-case basis.

Grievance Policy

Undergraduate students with grievances pertaining to an enrolled course should first address issues with the course instructor. If the identified grievance is not resolved with the course instructor, the student should meet with the school's director or associate director. Finally, if no resolution has been achieved, the student should contact the dean's office.

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 Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences.

Source URL: https://catalog.asu.edu/policies/new_college

Links

- [1] <https://newcollege.asu.edu/>
- [2] <https://provost.asu.edu/academicintegrity/>
- [3] https://catalog.asu.edu/retention_standing
- [4] <https://newcollege.asu.edu/college-advisor>
- [5] <https://students.asu.edu/academics>
- [6] <https://students.asu.edu/grades>
- [7] <https://students.asu.edu/forms/incomplete-grade-request>
- [8] <https://transfer.asu.edu/>
- [9] <https://newcollege.asu.edu/advising/completewithdrawal>
- [10] <https://students.asu.edu/files/Medical-Compassionate%20Withdrawal%20Request.pdf>
- [11] <https://tutoring.asu.edu/tutoring>
- [12] <https://eoss.asu.edu/counseling/location>
- [13] <https://students.asu.edu/financialaid>
- [14] <https://students.asu.edu/tuitionrefundpolicy>
- [15] <http://housing.asu.edu/content/west-campus>
- [16] <mailto:w.westvso@asu.edu>
- [17] <https://veterans.asu.edu>
- [18] <https://students.asu.edu/drop-add>
- [19] <https://eadvisor.asu.edu>
- [20] <https://newcollege.asu.edu/advising/forms>
- [21] <https://catalog.asu.edu/index.php?q=minors>
- [22] <https://students.asu.edu/readmission>

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. The school encourages students to visit the school's website <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

The Cronkite School has zero tolerance toward academic dishonesty that is enforced within every course and educational activity offered or sanctioned by the school. Any allegation of academic dishonesty will 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 but not limited to cheating, plagiarizing and fabricating – that student shall receive a grade of "XE" (academic dishonesty) for the class and will be dismissed from the school. There will be no exceptions.

At the beginning of every Cronkite class, each student will be given a copy of the full academic integrity policy along with accompanying information on plagiarism. Students must sign a pledge that indicates they have read and understood the material and agree to abide by the policy.

The policy, along with guidance on how to avoid plagiarism and fabrication, can be found at http://cronkite.asu.edu/assets/pdf/Academic_Integrity_Policy.pdf [2]

The Cronkite School will notify the Division of Graduate Education 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, the Cronkite School adheres to rigid standards. Any major error of fact – a misspelled proper name, an erroneous phone number, an incorrect address, a libelous statement or a misstatement of a major fact – in other words, anything that would require a printed correction if the story were to appear in a newspaper – will result in an "E" (55 percent) on an assignment. Misspellings or errors of grammar will bring a student's grade down. Carelessness will cause a student to lose points fast.

Attendance and Make-up Work: Students are expected to be in every class and to arrive on time. There are no excused absences or lateness. Make-up work will not be given; if a student misses an in-class assignment, quiz or test, the student will receive a zero.

Deadlines: Like accuracy, the ability to meet deadlines is a hallmark of good journalism and students are expected to meet them. Assignments submitted even one minute past the deadline will not be accepted; the student will receive a zero.

Diversity Principles: The Cronkite School 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. <http://cronkite.asu.edu/about/diversity.php> [3]

ACEJMC Values and Competencies: As a member of the Accrediting Council on Education in Journalism and Mass Communication, the Cronkite 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, see <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps> [4].

Social Media Guidelines: It is important that students of journalism and communication know how to use social media ethically and professionally. The Cronkite 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> [5].

Undergraduate Policies

Academic Standing

Probation

All ASU students, freshman through senior, must maintain a minimum 2.00 GPA 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. Raise the ASU cumulative GPA to 2.00 or higher in order to return to academic good standing.
2. Obtain a semester GPA of 2.50 with no grade lower 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 during the summer session immediately following disqualification only.

Cronkite School Journalism and Mass Communication and Sports Journalism Majors – Students in these majors must maintain a minimum 2.50 GPA for all courses completed at ASU in order to be in good standing in the major. If a student’s GPA falls below a 2.50 cumulative GPA, the student will have one semester to raise their cumulative GPA to meet the requirement. Failing to raise the cumulative GPA to a 2.50 or higher will result in the student having to change the student’s major from Journalism and Mass Communication and Sports Journalism.

Cronkite School Mass Communication and Media Studies Majors - Students in this major follow the university policies for GPA requirements, probation and disqualification.

Advising

Cronkite School undergraduate students are assigned an advisor by the student’s last name. See the undergraduate advising page for specifics. <http://cronkite.asu.edu/undergrad/advising.php> [6]

To ensure students are making progress toward their degrees, the Cronkite School encourages students to check in with their advisors each semester. Advising is mandatory for:

- first-time freshmen, both semesters their first year at ASU
- 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, contact the Cronkite 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 Cronkite advisor with any questions. Critical requirements for freshmen in the school are available at <https://cronkite.asu.edu> [1].

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 who have at least a 3.00 cumulative GPA in 12 or more hours of credit earned at ASU in courses that can be used to satisfy the Cronkite School’s non-elective general studies requirements are eligible for admission.

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 degree program: Current ASU students who have at least 2.00 cumulative GPA are eligible for admission.

Prospective transfer students (not yet admitted to ASU) and ASU students who have a cumulative GPA below 3.00 are encouraged to meet with a Cronkite School advisor. To schedule a meeting, contact the advising center at 602-496-5055.

Transfer Credit

Credit from other institutions is accepted subject to the following guidelines: Students may apply up to 64 credits of course work from an accredited two-year institution to their degree. Students may apply up to nine credit hours of approved upper-division journalism course work from a four-year ACEJMC-accredited institution to the Cronkite School's journalism degree requirements. Students interested in having these courses reviewed should provide detailed syllabi and course schedules to the Cronkite School's academic standards committee. Students should see their academic advisors for help.

Degree Requirements

All Cronkite 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 will have a hold 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> [7]

Specific requirements for the Sports Journalism degree can be found at: <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSSPJBA/undergrad/false> [8]

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 Cronkite School Journalism and Mass Communication or Sports Journalism majors who would like to add a concurrent degree must have an ASU cumulative GPA of 2.50 or higher and must have completed 30 credit hours of course work.
- Currently enrolled Cronkite School Mass Communication and Media Studies majors who would like to add a concurrent degree must have an ASU cumulative GPA of 2.00 or higher and must have completed 30 credit hours of course work.
- ASU students not enrolled in the Cronkite School who would like to add a concurrent degree in journalism and mass communication or sports journalism must be in good academic standing with an ASU, have a cumulative GPA of at least 3.00 and must have completed 30 credit hours of course work.
- ASU students not enrolled in the Cronkite School who would like to add a concurrent degree in mass communication and media studies, 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 course work.
- The Cronkite School requires that students enrolled in Journalism and Mass Communication or Sports Journalism majors take 36 credit hours of Cronkite School courses.
- The Cronkite School requires that students enrolled in the Mass Communication and Media Studies major take 30 credit hours of Cronkite School courses.
- No concurrent degree combinations between journalism and mass communication, sports journalism, and mass communication and media studies will be allowed.

Procedures for adding a concurrent degree

1. Once a student has decided to declare a concurrent degree, the student should inform the academic adviser for each degree in order to receive proper information about degree requirements, courses, etc.
2. When a student meets the requirements for a concurrent degree, the student should complete a Standards Committee Petition [9] and turn it in to the assigned Cronkite School academic advisor [10]. Students in the Cronkite School are assigned an advisor by the student's last name.
3. The student will also need to contact the college offering the concurrent degree 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 the academic advisor and include the student's full name and ASU ID number as well as which degree the student wants to be removed from the academic record.

Any questions should be directed to Cronkiteadvising@asu.edu [11].

Additional information about specially designed Cronkite concurrent degrees can be found on the Cronkite School Dual Degree Programs [12] page.

Reinstatement/Readmission

Students seeking readmission after being discontinued from the university should contact undergraduate admission services at <https://students.asu.edu/contact/admissions> [13].

Other Special Requirements

Major proficiency requirements: All Cronkite 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 percent) or better in JMC 101 Grammar for Journalists. Students must also maintain at least a 2.50 cumulative GPA 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 and multimedia journalists. Our students go on to online media outlets, television stations, newspapers, magazines, radio stations, websites and digital media companies.

The school consistently ranks in the top 10 in the annual Hearst intercollegiate journalism competition, often called the Pulitzer of college journalism. And the school's students have finished first in the Society of Professional Journalists' Mark of Excellence Awards for a record sixth consecutive year. The faculty consists of award-winning professional journalists and world-class media scholars. The school is housed on ASU's Downtown Phoenix campus, in the middle of one of the nation's largest media markets.

More information on the school's academic standards, policies and procedures and those of the Division of Graduate Education can be found at <https://graduate.asu.edu/policies-procedures> [14].

Academic Integrity

Academic dishonesty in any form will not be tolerated in the Walter Cronkite School of Journalism and Mass Communication.

The crux of our democracy is the ability of citizens to obtain honest, truthful and balanced information, and the credibility and integrity of the individual journalist and communications professional are crucial in that effort.

In light of the Cronkite 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, zero tolerance 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 standards committee of the school for review and recommendation to the dean of the school. **If any student is found by the committee to have engaged in academic dishonesty in any form — including but not limited to cheating, plagiarizing (<https://cronkite.asu.edu/about/plagiarism> [15]) and fabricating — that student shall receive a grade of "XE" (academic dishonesty) for the class and will be dismissed from the Walter Cronkite School of Journalism and Mass Communication. There will be no exceptions.**

The Cronkite School will notify the Division of Graduate Education if a graduate student is being recommended for dismissal from the school for having engaged in academic dishonesty.

Admission

Candidates for the Master of Mass Communication or Master of Arts in sports journalism degrees apply online at <https://students.asu.edu/graduate/apply> [16]. Candidates must meet the Division of Graduate Education admission requirements before the Cronkite School can review the application. Applicants must submit official transcripts in sealed envelopes directly to Graduate Admission Services. Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency and must also submit the results of the TOEFL.

Plan of Study

After completing 50 percent of the minimum credit hours required for the Master of Mass Communication or Master of Arts in sports journalism 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 via the MyASU link on <https://students.asu.edu/programs> [17].

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 Cronkite School's graduate office. It must be approved by the members of the Cronkite School's graduate committee and the dean. The completed plan of study is sent to the Division of Graduate Education 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 his or her course of study. Students who do not have 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 at MyASU (<http://students.asu.edu/programs> [17]).

Students who need to file a plan of study will be notified by the Division of Graduate Education via email. If the student fails to file the plan of study within the specified time period, a hold will be 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 will be removed. The Division of Graduate Education monitors students' iPOS statuses and places or removes the holds.

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 required by their degree program. 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 Division of Graduate Education. The dean of the Division of Graduate Education makes the final determination.

1. Maintain a minimum of 3.00 GPA on the iPOS, graduate and cumulative GPAs. If a GPA falls below 3.00, the student must develop, with their advisor, an academic performance improvement plan that includes the conditions and timeframes for making satisfactory academic progress in their degree program.
 - The iPOS GPA is calculated from all courses that appear on the student's approved iPOS.
 - The graduate GPA is calculated from all courses numbered 500 or higher 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 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 above 3.00.
 - 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 (six years for master's degree, 10 years for doctorate).
4. Doctoral students must comply with the five-year time limit for graduation after passing the comprehensive exams.
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. Graduate students must stay continuously enrolled in their graduate program. Failing to do so without a Division of Graduate Education-approved Request to Maintain Continuous Enrollment is considered to be 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 lack of academic progress.

In addition to the Division of Graduate Education satisfactory academic progress policies, the Walter Cronkite School of Journalism and Mass Communication has adopted the following:

1. If any of a student's GPA falls below 3.00, the student will be notified in writing and placed on probation. If the student's GPA is not raised to at least 3.00 by the end of the next semester (excluding summer), a recommendation will be made to the Division of Graduate Education to remove the student from the graduate program.
2. If a student earns less than a "C" (2.00) in MCO 502 Journalism Skills (Bootcamp), the Cronkite School will recommend to Graduate Education that the student be removed from the program immediately.
3. To receive their degrees, master's degree students who have MCO 570 Capstone as their culminating experience are required to earn at least a "B" (3.00).

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 will review the issue and make 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 Division of Graduate Education to remove the student from their graduate program, the student will have 10 business days to file a written appeal with the dean. The dean's decision regarding appeals is final.

Transfer Credit

Students admitted to the 30 credit hour mid-career MMC program may transfer up to six credit hours of approved course work taken before beginning the program not used toward a previous degree; the six credit hours may include nondegree course work. 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 course work that was completed at other accredited institutions included on a plan of study, a student must petition the Cronkite School's graduate 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 course work from another institution or from another ASU program.

Time Limitations

Students have six years from the start of their program to complete their degrees.

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 senior associate dean prior to enrolling in any 400-level course they intend to include on 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 Division of Graduate Education 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 Division of Graduate Education requires students who receive an incomplete in graduate course work (500 level or above) to complete the necessary work within one calendar year. If the incomplete is not removed within one calendar year, it will become 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 reregistering, paying fees and fulfilling all course requirements.

Master of Mass Communication or Master of Arts in Sports Journalism students with more than one incomplete at any time will be considered failing to make adequate progress, and they will be notified and 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 Division of Graduate Education to remove the student from the Master of Mass Communication or Master of Arts in sports journalism 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 will be used in calculating the student's GPA. If this results in the GPA falling below 3.00, a recommendation to withdraw the student from the MMC program will be made to the Division of Graduate Education.

Applied Project

Students enrolled in the 30 credit hour mid-career 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 course work remaining on their plan of study. Students interested in completing an applied project are encouraged to meet with the senior associate dean no later than the end of their first year in the program.

For more information on the applied project, see the applied project procedures handout available in the Cronkite School's graduate office.

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/pay-for-college> [18].

ACEJMC Values and Competencies

As a member of the Accrediting Council on Education in Journalism and Mass Communication, the Cronkite 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, see <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps> [4].

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 our 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.

Source URL: <https://catalog.asu.edu/policies/journalism>

Links

[1] <https://cronkite.asu.edu>

- [2] http://cronkite.asu.edu/assets/pdf/Academic_Integrity_Policy.pdf
- [3] <http://cronkite.asu.edu/about/diversity.php>
- [4] <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps>
- [5] <https://cronkite.asu.edu/degree-programs/admissions/student-resources/social-media-guidelines>
- [6] <http://cronkite.asu.edu/undergrad/advising.php>
- [7] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSJMCBA/undergrad/false>
- [8] <https://webapp4.asu.edu/programs/t5/majorinfo/ASU00/CSSPJBA/undergrad/false>
- [9] https://cronkite.asu.edu/assets/pdf/standards_com_petition.pdf
- [10] <https://cronkite.asu.edu/student-life/undergraduate-advising>
- [11] <mailto:Cronkiteadvising@asu.edu>
- [12] <https://cronkite.asu.edu/degree-programs/undergraduate/cronkite-school-dual-degree-programs>
- [13] <https://students.asu.edu/contact/admissions>
- [14] <https://graduate.asu.edu/policies-procedures>
- [15] <https://cronkite.asu.edu/about/plagiarism>
- [16] <https://students.asu.edu/graduate/apply>
- [17] <http://students.asu.edu/programs>
- [18] <https://graduate.asu.edu/pay-for-college>

Sandra Day O'Connor College of Law Policies

Graduate Policies

Academic Integrity

Honor 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. The college's honor code 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. Copies of the honor code are available from the college's student services office.

Academic Standing

Retention Standards

The College of Law requires a minimum GPA of 73.00 or 2.00 to continue enrollment. If a student's GPA falls below this number, he or she may be disqualified in accordance with College of Law policies.

The College of Law statement of student policies contains additional retention and academic policies. The statement of student policies can be found at <https://law.asu.edu> [1].

Advising

Academic assistance for currently enrolled law students is available through the office of the assistant dean for academic affairs.

Degree Requirements

Concurrent Degrees

College of Law students must be in academic good standing to be eligible to pursue a concurrent degree.

Shared Credit

Per the Division of Graduate Education policy for concurrent master's degrees, a maximum of 20 percent 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 hours common to both degree programs may vary from this maximum value only when the Graduate Education office has formally approved coordinated degree programs.

The Graduate Education policy also states that for a concurrent master's/doctoral degree a maximum of nine 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 Education office has formally approved coordinated degree programs.

The Graduate Education 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 Education office has formally approved coordinated degree programs.

Process

Current Juris Doctor College of Law students who are interested in pursuing a concurrent degree should contact the College of Law Assistant Dean for Academic Affairs or the College of Law Assistant Registrar prior to applying to the college or department offering the desired concurrent degree.

Students in one of the College of Law's master's degree programs who are interested in pursuing a concurrent degree should contact the College of Law 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 the College of Law and who wish to pursue a concurrent degree with the College of Law should contact the College of Law Admission office: <https://www.law.asu.edu/admissions> [2].

Admission Process

The Sandra Day O'Connor College of Law enrolls only one first-year, JD class per year, and it enters 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. The following steps must be completed for an applicant to be considered for admission to the JD program:

1. Demonstrate an earned undergraduate degree from an accredited four-year college or university by the time of enrollment in the JD program.
2. Take the LSAT and provide a reportable score from that test.
3. Submit a completed application with application fee.
4. Submit transcripts and letters of recommendation through the Law School Admissions Council's Credential Assembly Service, which will be provided to the College of Law by LSAC with the applicant's LSAT record. Applicants must apply electronically through www.lsac.org [3].

The undergraduate record and LSAT score are only two of many factors considered for admission.

More details about the application process can be found at <https://law.asu.edu/admissions> [4]. For an application to be considered timely, it must be postmarked or electronically submitted by March 1. For earlier consideration, the deadline is Nov. 15.

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 Division of Graduate Education and the Sandra Day O'Connor College of Law.

Source URL: <https://catalog.asu.edu/policies/law>

Links

[1] <https://law.asu.edu/>

[2] <https://www.law.asu.edu/admissions>

[3] <http://www.lsac.org/>

[4] <https://law.asu.edu/admissions>

College of Liberal Arts and Sciences Policies

Included 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. Possible sanctions include appropriate grade penalties, loss of registration privileges, disqualification and dismissal. For more information, see <https://provost.asu.edu/academicintegrity> [2] and for information about College of Liberal Arts and Sciences policies and procedures, see <https://clas.asu.edu/resources/academic-integrity> [3]. CLAS tracks all reports of academic integrity violation internally and shares that information with other ASU colleges and schools.

Student Right of Appeal

When accused and sanctioned for an academic integrity violation, the student has the following rights:

- A student may discuss the matter directly with the faculty member.
- If the issue is not resolved after speaking with the faculty member, the student has the right to initiate a discussion with the chair of the academic unit offering the course or the chair's designee.
- If the issue is not resolved after speaking with the chair or the chair's designee, the student has the right to initiate a discussion with the CLAS dean's office (senior staff in the College of Liberal Arts and Sciences, Office of Student and Academic Programs). If an XE for the course or a more severe sanction (e.g. suspension, expulsion) has been recommended by the faculty member, the student is strongly encouraged to meet with dean's office staff to discuss the allegation. Students may call 480-965-6506 to schedule an appointment.
- The student may appeal to the College of Liberal Arts and Sciences Student Affairs and Grievances Committee. After discussing the matter with the faculty member, chair, and dean's office staff, a student has the right to appeal the finding that an academic integrity violation has occurred or the sanctions levied to the CLAS Student Affairs and Grievances Committee. The appeal process is initiated by scheduling an appointment with Dean's Office staff in the Office of Student and Academic Programs. Students have 10 working days from the date of the email or letter notifying them of the academic integrity violation to initiate an appeal. After the 10 days, the sanction requested by faculty member will be imposed and the matter will be closed.

Appeals are heard by the college's Student Affairs and Grievance Committee, a body composed of faculty and students from across the college that serves as the dean's delegate. The committee meets no more than once a week 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 his 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 dean's office will maintain a record of the incident and the sanctions. If the seriousness of the current situation or past violations warrant, the dean's office retains the right to impose or recommend sanctions in addition to those requested by a faculty member.

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 departmental academic advisors regularly. Students with additional questions regarding the academic rules of the college and the university are welcome to meet with advisors in the college's office of student and academic programs, in FULTN 110 (480-965-6506).

In addition, students must understand and follow the requirements for university general studies and college graduation requirements in their edition of ASU's academic catalog. The academic catalog is the governing source for all degree requirements.

Undergraduate Policies

Academic Standing

The standards for GPA and the terms of academic probation, disqualification, reinstatement and appeal are identical to those of the university, as set forth under retention and academic standards, except that disqualified students in the College of Liberal Arts and Sciences are suspended for at least two regular semesters at the university.

When a student is placed on probation, one of three things can happen. The student can:

- return to academic good standing by raising his or her cumulative GPA to 2.00 or higher at the end of a fall or spring semester
- remain on probation by earning the required semester GPA of at least 2.00, but not raising the cumulative GPA to academic good standing*
- be disqualified if the student fails to achieve the required semester GPA of 2.00

*A student 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.

Students who are placed on academic probation are required to see their advisor in the major in each term they remain on continuing probation prior to enrollment in subsequent terms. Students who are academically disqualified should contact the Office of Student and Academic Programs in FULTN 110 (480-965-6506).

Note: 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, the Department of Psychology. These programs have specific readmission criteria. Please review the reinstatement/readmission portion of this section for more information about policies and procedures.

Students who fail to meet the minimum 2.00 fall or spring semester GPA after being placed on academic probation will be disqualified from further attendance at Arizona State University.

Students disqualified at the end of semester have the option of submitting a written appeal to the college, within no more than ten working days after notification of their disqualification. If the appeal is successful, the student will not need to reapply to the university, but will be placed on continuing probation for the subsequent semester. Students who do not appeal or whose appeal is denied will be suspended from further attendance for at least two regular fall and spring semesters.

Students who are academically disqualified should contact the Office of Student and Academic Programs in FULTN 110 (480-965-6506) for further steps.

Advising

All students are encouraged to seek advising before registration.

eAdvisor

eAdvisor provides students the tools to successfully follow their major maps to graduation and assists 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 access and learn more about eAdvisor at <https://eadvisor.asu.edu/> [4].

Advising Locations

College of Liberal Arts and Sciences students should seek routine advising in the department or school of their major. Locations of each advising office can be found at <https://clas.asu.edu/current-students/department-advisors> [5].

The office of student and academic programs, in FULTN 110, is the central resource center for academic information in the college. Requests from students, departmental advisors and faculty for clarification of rules, procedures and advising needs of the college and university should be directed to that office. Also available is information on policies and procedures of the college regarding academic honesty, 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 meet with their advisors in order to be eligible to register for their courses:

- all students registering for their first semester at ASU
- freshmen registering for their second semester at ASU
- students on academic probation
- students who have been disqualified
- students who are off track in their major

With the exception of those who have been disqualified, students listed above should consult an advisor in the department or school of their major. Disqualified students should schedule an advising appointment with the office of student and academic programs located in FULTN 110 (480-965-6506).

Advising for Preprofessional Programs

Professional Field	Advisor Location
Dentistry	FULTN 110
Foreign Service	Diplomat in Residence, Jasper Daniels, COOR 6971
Law	FULTN 110
Medicine	FULTN 110
Ministry	School of Historical, Philosophical and Religious Studies, COOR 3309
Occupational Therapy	FULTN 110
Optometry	FULTN 110
Osteopathy	FULTN 110
Pharmacy	FULTN 110
Physical Therapy	FULTN 110
Physician Assistant	FULTN 110
Veterinary Medicine	FULTN 110

Health Professions

Students who plan to pursue a health profession should meet regularly with the preprofessional advising staff located in the Office of Student and Academic Programs. 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, call 480-965-2365 (FULTN 110).

Prelaw

Students who plan to pursue a law-related profession should seek out guidance from the preprofessional advising staff located in the office of student and academic programs. 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 in legally related fields (e.g., through internships). Students can schedule a meeting with a prelaw advisor by calling 480-965-2365.

Academic (Grade) Grievance

Student academic grievance procedures in the College of Liberal Arts and Sciences normally treat matters involving a student's current or recent course work where, in a claim of unfair treatment, the relief that is sought is a change of a course's final grade. The grievance procedures do not deal with matters such as perceptions of inappropriate conduct or discrimination, which properly belong in personnel proceedings, or with issues related to charges of academic dishonesty. Academic grievances must be initiated within the regular semester immediately following the course at issue, whether the student is enrolled in the university or not.

The grievance procedures of the College of Liberal Arts and Sciences are as follows:

- The student should first discuss the problem with the instructor of the course.
- If the matter cannot be resolved at the course instruction level, the student may appeal to the chair, or the chair-designated representative, of the department responsible for the course.
- Only when the problem cannot be resolved at the department level should the student contact the CLAS Office of Student and Academic Programs in Fulton Center (suite 110, phone number 480-965-6506) to discuss the next steps in the academic grievance process.
- After meeting with the dean's designee in the Office of Student and Academic Programs, the student may file a written grievance with the Office of Student and Academic Programs. The grievance will be forwarded by the Office of the Dean to the instructor with a request for a reasonably prompt response.
- The student will be contacted to review the response when it arrives in the dean's office and decides whether to request a hearing. The request for a hearing must be in written form. Upon receiving a request, a formal hearing will be arranged before the College Student Affairs and Grievances Committee. The committee is a regular faculty committee of the college, meeting up to once per week during the fall and spring term. The Committee does not meet during summer and winter breaks or during fall or spring intersessions.

The hearing shall be conducted by the committee chair and shall be closed. The arrangements for the order of appearance, for 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 delegate serves as an ex officio member of the committee but has no vote in the decision making process. The committee shall make a confidential report through the committee chair to the associate dean for Student and Academic Programs.

The associate dean for Student and Academic Programs will review the report for confirmation of a final course of action, in keeping with university policy (<https://catalog.asu.edu/appeal> [6]), and shall inform the student and the faculty member of his decision. The decision of the associate dean is final.

Credit/Registration

Credits, Degrees and Course Registration

Credit Requirement

All candidates for graduation for bachelor degrees in the college 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.

Minors

The college offers minors in many of its disciplines. All minors must entail a minimum of 18 hours in the discipline with at least 12 of those hours as upper-division courses. Six of the upper-division hours must be taken from courses offered by the College of Liberal Arts and Sciences. Students should work with the advisors in the departments of their minors to make certain they are making the most effective choices to complete their minors. 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

The normal course load is 15 or 16 credit hours for a full 15-week semester. First-semester freshmen and entering transfer students are not permitted to register for more than 18 credit hours in the initial 15-week semester or nine credit hours in session A and nine credit hours in session B.

Other students who wish to register for more than 18 hours must have a GPA of at least 3.40 and have completed a minimum of two semesters at ASU, in which they have completed 17 to 18 hours per 15-week semester. Students meeting these requirements may seek an overload for 19 to 21 hours (or up to 10 hours in either session A or B) from the advising office in the departments of their majors. Any petition for an overload in excess of 21 hours (or more than 10 hours in either session A or B) must be presented to the Office of Student and Academic Programs, in FULTN 110.

No student should assume that his or her petition 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.

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 office of student and academic programs, in FULTN 110.

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.

College of Liberal Arts and Sciences students 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 by the instructor and the college.
- 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.

Note: Students may not enroll under the pass/fail option in the following courses:

- those taken to satisfy the second-language or first-year composition requirements
- those in the student's major, minor or certificate program
- those counted toward or required to supplement the major
- those counted as 499 Individualized Instruction
- those taken for honors credits
- those 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. Note: The audit grade option may not be changed after the drop/add period.

Degree Requirements

College Graduation Requirements

All students in the College of Liberal Arts and Sciences must complete the university general studies requirements as well as all requirements in their major. In addition, the college has established requirements that are specific to the BA, BS and BS in planning degrees.

Requirements for all college undergraduates: All students are required to take a minimum of MAT 117 or higher, excluding MAT 110 and one-credit hour math courses. A grade of "C" (2.00) or higher must be earned in the chosen mathematics course.

Each student admitted as a first-time freshman is required to complete a freshman success course or first-year seminar. These courses are designed to introduce students to the college and help them gain 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: Each student pursuing a bachelor of arts degree must demonstrate intermediate proficiency in a second language by completing the courses specified below with a grade of "C" (2.00) or higher in each course. The second-language course requirement may be fulfilled in one of the following ways:

- completion of a second-language course work 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 SHS 202 American Sign Language IV or its equivalent

*Those students completing this requirement in Ancient Greek must take GRK 301 and 302; students completing the requirement in Portuguese or Romanian must complete POR 314 or ROM 314.

Bachelor of Science: Each student pursuing a bachelor of science degree must complete six credit hours (two courses) of science and society courses. Students should consult an advisor in the department or school of their major for a list of

appropriate courses. The current list of science and society courses is also listed on the college's website at <https://clas.asu.edu/resources/science-society> [7]

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 of the major may require up to 45 credit hours of course work. The minimum is 30 hours. A maximum of 15 additional hours may be required in related courses and prerequisites. No more than 60 credit hours of course work 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-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). 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) had the normal grading scheme been used.

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

- actuarial science
- biochemistry
- biological sciences
- biophysics
- chemistry
- computational mathematical sciences
- Earth and environmental studies
- Earth and space exploration
- mathematics
- microbiology

- molecular bioscience/biotechnology
- physics
- psychology

Social Sciences

- African and African American studies
- American Indian studies
- anthropology
- applied mathematics for the life and social sciences
- Asian Pacific American studies
- communication
- economics
- family and human development
- geographic information science
- geography
- global health
- global studies
- justice studies
- political science
- sociology
- transborder Chicana/o and Latina/o studies
- urban planning
- women and gender studies

General Electives

Most liberal arts and sciences majors can meet all the above requirements 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 Degrees

The college allows students who have completed at least 30 graded credit hours with a minimum GPA of 2.00 to petition the college to pursue a concurrent degree. Concurrent degrees may not be from the same discipline or have overlap in the courses required for each major. In order to complete a concurrent degree, students must earn at least 30 unique credit hours applied toward the requirements for each majors' degree. Petition forms are available within the Concurrent Degree Checklist section of the *Advising Resources and Forms [8]* page on the CLAS website. The completed forms must be submitted to the Office of Student and Academic Programs (FULTN 110).

Note: Certain specially designed concurrent degree programs, viewable on Degree Search, may have different standards and requirements than individually selected ones.

Reinstatement/Readmission

Students who have been academically disqualified from the university and have not attended for at least two regular semesters can earn readmission or reinstatement to the college and to their majors. That process begins with developing a plan with advisors in the office of student and academic programs. That process begins by developing a plan with advisors in the Office of Student and Academic Programs. Any plan is specific to the student's individual needs and directly addresses the factors that resulted in disqualification. The plan may include taking course work at a two-year college and meeting specific GPA requirements to demonstrate readiness to return to ASU.

Students can schedule a meeting to develop a plan with an advisor in the Office of Student and Academic Programs by calling 480-965-6506. Students are encouraged to meet to discuss this plan at least a semester prior to the desired readmission date.

Note: Disqualified students who were off track for two or more semesters at the time of their disqualification will not be readmitted or reinstated into their former majors. Students whose prior majors were in the Hugh Downs School of Human Communication or the Department of Psychology must meet the specific criteria for readmission to those programs.

Other Special Requirements

Some of the major degree programs offered by the college require students to satisfactorily complete a portfolio before being permitted to take upper-division classes. Others require students to study abroad as part of the degree program. Students should check with the departments or schools of their majors to see if any such policies apply in their majors of choice.

Graduate Policies

Please consult 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 Division of Graduate Education and the College of Liberal Arts and Sciences.

Source URL: https://catalog.asu.edu/policies/liberal_arts

Links

[2] <https://provost.asu.edu/academicintegrity>

[3] <https://clas.asu.edu/resources/academic-integrity>

[4] <https://eadvisor.asu.edu/>

[5] <https://clas.asu.edu/current-students/department-advisors>

[6] <https://catalog.asu.edu/appeal>

[7] <https://clas.asu.edu/resources/science-society>

[8] <https://clas.asu.edu/resources/advising>

College of Nursing and Health Innovation Policies

The College of Nursing and Health Innovation (CONHI) 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. Confirm current policies, protocols and procedures with the respective student handbook [2]. Commonly referenced policies, protocols and procedures are given in the appendices of student handbooks.

Students interested in the undergraduate nursing programs, including the traditional prelicensure clinical nursing program, postbaccalaureate clinical nursing program, RN to BSN, RN to BSN concurrent enrollment program, and the Eastern Arizona College - ASU RN to BSN partnership program, may contact the College of Nursing and Health Innovation student academic services office at 602-496-0888 to obtain the most current information on college policies. 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 of clinical learning experiences.

Academic Integrity

Academic and Professional Integrity

Academic honesty is expected of all students in all examinations, papers, academic transactions and records. Possible sanctions include appropriate grade penalties, disqualification and dismissal. The College of Nursing and Health Innovation adheres to the ASU student code of conduct and the CONHI academic and professional integrity protocol located in student handbooks. A copy of the student code of conduct may be obtained online at <https://provost.asu.edu/academicintegrity> [3] and a copy of the CONHI academic and professional integrity protocol may be obtained online at <https://nursingandhealth.asu.edu/student-life/current-students> [2]. Academic dishonesty is not tolerated in any course and is subject to specific College of Nursing and Health Innovation policies and procedures.

Undergraduate Policies

Academic Standing

University standards for academic good standing 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 the cumulative or semester GPA to meet the academic good standing criteria; otherwise, these students may be disqualified or 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 freshmen and 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 off-track status is displayed on My ASU student 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.

Students pursuing the RN to BSN, the postbaccalaureate BSN or the concurrent enrollment program 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 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 course work transferred from other accredited institutions and the 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 <https://eadvisor.asu.edu/> [4] and with personalized tools at <https://eadvisor.asu.edu/students/tools> [5].

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.

Mandatory Advising

All freshmen 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 transferring to 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> [6].

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 prerequisite courses for the nursing programs must be taken for a letter grade. All upper-division nursing courses will be taken for a grade except for selected clinical courses in the prelicensure program that are taken for "P" (pass) or "Y" (satisfactory).

Students wishing to pursue concurrent degrees must petition the university standards committee and have approval from the College of Nursing and Health Innovation and from the college that offers the other chosen degree.

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 at <http://bsn.asu.edu> [7]. Potential students must have an active RN license in good standing in the state or country in which they are working. There is a minimum GPA of 2.50 for all undergraduate course work. All prerequisites, including a statistics course, require a grade of a “C” or better.

The RN to BSN program courses are offered online and can be completed in 16 to 24 months. There are five starts per year: twice in the fall, twice in the spring, and once in the summer.

The RN to BSN program builds on the knowledge and skills the student learned in their associate degree or diploma program. The course assignments will enhance the student’s written and verbal communication skills, clinical reasoning skills and technology skills. Faculty are leaders and experts in their practice areas. 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.

The RN to BSN program has transfer pathway agreements with all the community colleges in Arizona. Students with an AAS from a community college in Arizona may be eligible for a pathway program. Students must have earned a 2.50 GPA in the following courses to be eligible for a pathway program: BIO 201, BIO 202, CHM 130/LL, BIO 205, ENG 101, ENG 102 and PSY 101.

Students who did not complete the AAS in the state of Arizona are eligible for the non-pathway program.

For more information on this program, please view <http://bsn.asu.edu> [7].

Traditional Prelicensure Clinical Nursing Program

Admission requirements for the traditional prelicensure clinical nursing program are more rigorous than university requirements. Some entering freshmen will be directly admitted 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 application process will be used to fill any available seats in the TPCNP after placing 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 admit nursing major status and may compete for advancement to the TPCNP.

Consideration for advancement to the traditional prelicensure clinical nursing program and the post-baccalaureate clinical nursing program are separate processes that follow admission to ASU.

Students in other majors, including nursing major students who have forfeited direct admission, 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 TPCNP is composed of the select GPA and the TEAS score. Seats will be given to those students with the highest advancement scores. For students applying through the competitive application process, the select GPA and the TEAS scores will be used to rank students from high to low. After directly admitted students who meet continuing eligibility criteria are advanced, students who are the highest on the list will be offered the remaining spaces in the TPCNP. 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 will not be maintained. Students who do not meet the minimum select GPA and TEAS scores will be withdrawn from consideration. Nursing faculty may opt to use additional criteria in the selection process.

Select GPA: The select GPA will be 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. Please see a nursing 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.

Prerequisite and select GPA for Competing Students: Students must have a minimum 3.25 in both their prerequisite GPA and select GPA. The average select GPA for those advanced into the program in previous semesters has been much higher than a 3.25.

TEAS for Competing 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, we recommend students visit www.atitesting.com [8] to review the resources available from the creators of the exam. TEAS score: minimum required = 58.7 percent. 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 will be withdrawn from consideration.

Postbaccalaureate Clinical Nursing Program

In order to be considered for the PBCNP, all interested students must have a bachelor's degree in a discipline other than nursing posted at ASU by the deadline for placement. Placement in the PBCNP 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 program that begins during the spring semester and it includes the spring, summer and fall semesters. The program is offered only at the ASU Downtown Phoenix campus. The program will only begin during the spring semester. Summer tuition rates apply.

The prerequisites for this program are: BIO 201, BIO 202, CDE 232, CHM 101, HCR 220, HCR 240, MIC 205/206, NTR 241, PGS 101 and a statistics course that meets the General Studies CS requirement. Eight of the 10 courses must be completed by the placement deadline with a minimum 3.50 GPA for the semester for which the student applies. All four science courses (BIO 201, BIO 202, CHM 101, and MIC 205/206) must be completed by the placement deadline.

Grades of "C" (2.00) or better in each must be earned in each prerequisite course and a minimum 3.50 prerequisite GPA (the cumulative GPA for the prerequisites mentioned above) is required by December 31. Courses with a grade of "C" or better may not be repeated to improve the prerequisite GPA. Please see academic advisor for limited replacement course options.

Placement is based on a select GPA and a TEAS score of 58.7 percent or higher. 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.

Students who have a degree may choose to apply to the PBCNP or to the TPCNP, or to both programs, as long as the prerequisites have been met for both programs.

Concurrent Enrollment Associate-Baccalaureate Nursing Program

The concurrent enrollment associate-baccalaureate nursing program is offered through participating community colleges. This program is designed for qualified nursing students who are interested in earning their BSN in nursing while simultaneously pursuing their AAS in nursing. 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.

ASU prerequisite requirements: BIO 201, BIO 202, CHM 101, PGS 101 or CDE 232, MIC 205/206, ENG 101 and 102, HCR 240, and the math requirement (MAT 117, 142, or higher). Students must have a 3.00 or higher GPA in these courses to be eligible for consideration.

For more information about the Maricopa County Community College CEP, please see: <https://asa.maricopa.edu/departments/healthcare-education-at-the-maricopa-community/maricopanursing-programs/concurrent-enrollment-programs-cep> [9]. For more information about concurrent enrollment programs at other community colleges, please call (602) 496-0937.

General Information

Students in the nursing programs must earn grades of "C" (2.00) or higher in all nursing course work 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.

Students who have completed one or more semesters in an upper-division, accredited, baccalaureate school of nursing are highly unlikely to transfer into clinical nursing programs with advanced standing.

For the TPCNP and PBCNP programs, science courses (CHM 101, BIO 201, BIO 202 and MIC 205 and 206) must be current within seven years of the program start date.

Program Fees

Traditional Prelicensure Clinical Nursing Program: Students directly admitted to ASU as a nursing major are charged \$1,000 per semester/term in addition to regular tuition while taking the critical (prerequisite) courses. All students advanced to the TPCNP, whether directly admitted or competitively admitted, are charged \$1,750 per semester or term for the four semesters or terms of the clinical program in addition to tuition charges. Fees are subject to change.

Postbaccalaureate Clinical Nursing Program: There is a \$5,500 program fee per semester or term for the postbaccalaureate BSN concentration in addition to regular tuition and fees. This totals approximately \$16,500 in program fees plus regular tuition and fee charges.

All tuition and fees are subject to change.

Concurrent Degrees

Concurrent degrees are multiple degrees with one conferral date. The student receives both degrees at the same time regardless if course work 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 success specialist 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: <https://nursingandhealth.asu.edu/student-life/current-students>. [2]

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 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 nursingandhealth@asu.edu [10] 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 or ineligible students who have skipped a fall or spring semester must follow the procedures for readmission. See readmission to the university at <https://students.asu.edu/readmission> [11]. Applications for reinstatement and readmission to nursing are subject to rigorous requirements that reflect admission and progression standards.

Other Special Requirements

Special Note: The 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. Confirm current policies, protocols and procedures with the student handbook: <https://nursingandhealth.asu.edu/current-students/student-forms> [2]

Titers and Immunizations: Please refer to the appropriate student handbook [12] for the most recent 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. See the Arizona State Board of Nursing website at <http://www.azbn.gov> [13].

Equal Access: The college is committed to making learning experiences accessible and inclusive for all students, including those with an identified disability or disabling condition. In compliance with the ASU policy on Students with Disabilities USI 702-02, <http://www.asu.edu/aad/manuals/usi/usi701-02.html> [14], every effort will be made to accommodate students with special needs to find cost-effective methods to address the identified student condition and serve the needs of the patients. Accommodations may include resources and assistive aids for those students with cognitive and perceptual disabilities, specialized equipment for hearing or vision deficits, and modifications to the physical environment or clinical hours. Students with disabilities are required to document their condition with the Disability Resource Center upon admission to the college and to be key participants in identifying their needs. The college will provide reasonable and appropriate accommodations for any student who has documented a disability or disabling health condition.

Supplemental Requirements for the Clinical Nursing Programs: The requirements specified in this section affect student ability to progress in the clinical nursing program course work, eligibility for clinical placement and to ultimately to be licensed as an RN.

Cardiopulmonary Resuscitation/Basic Life Support Certification: Proof of CPR/BLS health care provider certification is required. 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 Screen: All students in clinical nursing programs will be required to complete a substance screen. 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 course work but 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. "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" (<http://www.azbn.gov/Documents/Newsletters/2008/Journal%201st%20Quarter%202008.pdf> [15], page 23).

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 nursingandhealth@asu.edu [10]. Upon admission, each student is assigned a faculty advisor or mentor within the degree or certificate program or area of concentration.

Review the student handbooks for the College of Nursing and Health Innovation for information regarding graduate academic procedures and protocols:

Graduate Programs in the College of Nursing and Healthcare Innovation Student Handbooks [2]

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 Division of Graduate Education and the College of Nursing and Health Innovation.

Source URL: <https://catalog.asu.edu/policies/nursing>

Links

[2] <https://nursingandhealth.asu.edu/student-life/current-students>

[3] <https://provost.asu.edu/academicintegrity>

- [4] <https://eadvisor.asu.edu/>
- [5] <https://eadvisor.asu.edu/students/tools>
- [6] <https://nursingandhealth.asu.edu/admissions/information-sessions>
- [7] <http://bsn.asu.edu>
- [8] <http://www.atitesting.com/>
- [9] <https://asa.maricopa.edu/departments/healthcare-education-at-the-maricopa-community/maricopanursing-programs/concurrent-enrollment-programs-cep>
- [10] <mailto:nursingandhealth@asu.edu>
- [11] <https://students.asu.edu/readmission>
- [12] <https://nursingandhealth.asu.edu/current-students/student-forms>
- [13] <http://www.azbn.gov>
- [14] <http://www.asu.edu/aad/manuals/usi/usi701-02.html>
- [15] <http://www.azbn.gov/Documents/Newsletters/2008/Journal%201st%20Quarter%202008.pdf>

College of Public Service and Community Solutions Policies

The 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

The College of Public Service and Community Solutions academic integrity process models the ASU process. For more information on the process, including next steps, please visit our website at <https://publicservice.asu.edu/grievance-process> [1].

Undergraduate Policies

Academic Standing

Students in the 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 higher in all courses taken at ASU. Certain majors within the College of 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.

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 one 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 Office of the Registrar or 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 following categories of students are required to receive advising and be cleared by a program advisor before they may register for classes:

- all freshmen
- 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 unless an overload petition has been filed with and 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. Petitions for overload are not ordinarily 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

The 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 course work 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. ASU 101-CPP 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

The 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 solution-based learning requirement. Each student must complete course work 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

The concurrent degree policy for the College of Public Service and Community Solutions is up to each individual school within the college. Students interested in pursuing a concurrent degree should work with the academic advisor for their major.

Reinstatement/Readmission

Students seeking reinstatement after disqualification should contact the 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. All academic disciplinary action is the function of the College of Public Service and Community Solutions student services office (in UCENT 780) under the direction of the dean of the college. Students having academic problems should call this office for advising at 602-496-0600.

The mission of the 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 the College of Public Services and Community Solutions is assigned an academic advisor from the academic

unit of the student's major area of study. Questions about advising should be directed to the student's academic advisor or to the College of Public Service and Community Solutions student services office.

Graduate Policies

Advising

Advising is usually handled by graduate faculty or a committee. Once admitted, each student is typically assigned a temporary faculty advisor in the potential areas of specialization; this advisor assists in planning a course of study. For those degree programs requiring the completion of a thesis, a chair and thesis supervisory committee are selected by the director of graduate studies, in consultation with the student and appointed by the dean of the Division of Graduate Education. Each graduate degree program in the 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 Division of Graduate Education and the College of Public Service and Community Solutions.

Source URL: https://catalog.asu.edu/policies/public_programs

Links

[1] <https://publicservice.asu.edu/grievance-process>

School of Sustainability Policies

Academic Integrity

The School of Sustainability adheres to ASU's academic integrity policies and procedures [2].

Undergraduate Policies

Academic Standing

Student Responsibilities

Students need to make many decisions as they complete their degrees. While the school and the university have a number of resources available (e.g., faculty, courses, advisors and tutors) to help in making the decisions, students are expected to take responsibility for their decisions.

Good Standing

Students in the School of Sustainability are considered in good standing for the purpose of retention if they maintain a cumulative GPA of 2.00 or higher in all courses taken at ASU and maintain critical requirements within the major, which may include higher GPA expectations (students should refer to the major map for their catalog year).

Critical Requirements

All sustainability students must meet critical requirements for their intended majors. Students who do not comply with the critical requirements are off track and will have holds placed on their records. They will have to meet with their advisors to have their holds removed. Further registration in their intended majors may not be permitted for those students who still do not meet all critical requirements in the following semester. Students that are off track for two consecutive semesters may be required to change their major.

Probation

Students who do not maintain a cumulative GPA of 2.00 or higher in all courses taken at ASU are placed on academic probation. Before students on probation can register for classes in the next semester, they are required to complete an academic success contract with an advisor and discuss campus academic resources, plan semester goals and discuss

strategies to attain academic success. Students on academic probation may be limited to the number of credit hours they can enroll in, must enroll in UNI 220 Academic Refresher, and must also do one of the following:

1. Over the next semester, students on probation must raise their cumulative ASU GPA to 2.00 or higher in order to return to good academic standing.
2. They must obtain a semester GPA of 2.50 with no grade lower than a "C" in order to be granted one additional semester on continuing probation, providing them with two semesters to return to good academic standing and avoid disqualification.

In addition, students who have fewer than 24 credit hours will be required to participate in the ASU Pathway for Achieving Student Success program [3].

Disqualification

Students who do not meet probation requirements are subject to disqualification. Disqualified students will not be able to register for classes in the fall or spring semester at the university. Registrations will be canceled for students who have already registered for future fall or spring semesters.

Advising

The School of Sustainability's Student Services Center assists students in achieving their personal, educational, cultural and career goals while becoming self-directed, lifelong learners. The school encourages students to meet with an advisor at least once a semester and requires that students meet with an advisor at four points during their academic career:

1. new-student advising (all newly admitted students)
2. sustainability success advising (during the first semester to plan for the second semester)
3. pivotal advising (when students typically declare their track and related discipline)
4. launchpad advising (to prepare for capstone experiences and planning for post-graduation)

Office hours are Monday through Friday (excluding university holidays), 9 a.m. to 4 p.m. Students should schedule their advising appointments in advance online through My ASU so advisors can set aside the appropriate time to answer all their questions.

Degree Requirements

School Graduation Requirements

All students in the School of Sustainability must complete the university general studies requirement as well as all requirements in their majors. In addition, the school has established requirements that are specific to the BA and BS:

1. ASU 101 requirement: ASU 101-SOS The ASU Experience (for incoming freshmen) or SOS 201 Introduction to ASU and Sustainability (for incoming transfer students) (1)
2. statistics requirement: STP 226 Elements of Statistics, CS (3) or additional statistics course options as approved by the school
3. second-language requirement

Second-Language Requirement

Bachelor of Arts: Any student pursuing a BA in the School of Sustainability must demonstrate intermediate proficiency in a second language by completing the courses specified below with a grade of "C" (2.00) or higher in each course. Second-language course requirements may be fulfilled by one of the following:

- completion of second-language course work at the intermediate level (202 or equivalent) *
- a second-language course at the 300 level or higher taught in the second language and having 202 or its equivalent as a prerequisite
- completion of secondary education at a school in which the language of instruction was not English

*Those students completing this requirement in Ancient Greek must take GRK 301 and 302; students completing the requirement in Portuguese or Romanian must complete POR 314 or ROM 314.

Bachelor of Science: Any student pursuing a BS in the School of Sustainability must demonstrate intermediate proficiency in a second language by completing the courses specified below with a grade of "C" (2.00) or higher in each course. Second-language course requirements may be fulfilled by one of the following:

- completion of second-language course work at the introductory level (102 or equivalent)
- a second-language course at the 200 level or higher taught in the second language and having 102 or its equivalent as a prerequisite
- completion of secondary education at a school in which the language of instruction is not English

The School of Sustainability also requires a cumulative 2.50 ASU GPA and a 3.00 SOS GPA in order to graduate with a BA or BS in sustainability.

Concurrent Degrees

The School of Sustainability has some formal agreements and major maps [4] in place for concurrent degrees, but students are not limited to these agreements.

Students may seek approval to pursue concurrent degrees with the School of Sustainability after they have completed at least 30 credit hours at ASU. To be eligible to add a BA or BS in sustainability as a concurrent degree, students must have a 3.30 cumulative ASU GPA.

Students interested in declaring a concurrent sustainability degree or current sustainability students interested in declaring a concurrent degree should schedule an appointment [5] with a sustainability advisor to complete a School of Sustainability Standards Petition [6]. Concurrent degrees must be approved by the academic units for both degree programs, so students will also need to meet the eligibility criteria and follow the process outlined by the other academic unit as well.

Degree combinations with too great an overlap between the required courses for each major will not be approved. For example, students may not pursue a BA or BS in sustainability as well as a BA in business with a concentration in sustainability or a BA in interdisciplinary studies with a concentration in sustainability.

Reinstatement/Readmission

Students seeking reinstatement after disqualification or readmission after absence from the university should contact the School of Sustainability office regarding procedures and guidance for returning to good standing. When reinstatement includes readmission, application must be made through the ASU readmission process.

Other Special Requirements

Student Appeal Procedure on Grades

The School of Sustainability follows the university policy for student appeal procedure on grades [7].

Graduate Policies

Graduate students should refer to the School of Sustainability graduate handbooks [8] for information about graduate policies and academic standards.

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 Division of Graduate Education and the School of Sustainability.

Please contact the school for more information, at schoolofsustainability@asu.edu [9] or (480) 727-6963.

Source URL: <https://catalog.asu.edu/policies/sustainability>

Links

[2] <https://provost.asu.edu/academicintegrity>

[3] <https://tutoring.asu.edu/pass>

[4] <https://webapp4.asu.edu/programs/t5/programs/Concurrent/all/undergrad/false>

[5] https://webapp4.asu.edu/advsched/?acad_org=CSS

[6] <https://schoolofsustainability.asu.edu/docs/sos/SOS-Standards-Petition.docx>

[7] <https://catalog.asu.edu/appeal>

[8] <http://schoolofsustainability.asu.edu/graduate>

[9] <mailto:schoolofsustainability@asu.edu>

Mary Lou Fulton Teachers College Policies

Mary Lou Fulton Teachers College is nationally known for innovative teacher preparation programs, the quality of its graduates and strength of its school partnerships. The college is among the national leaders in teacher education. Graduates are prepared to address the local and global challenges of improving education by becoming the next generation of teachers, school and school district leaders, researchers, scholarly practitioners, policy makers and other educational leaders.

Mary Lou Fulton Teachers College prepares new teachers to impact student achievement through rigorous and innovative programs at schools around the state and on ASU's Tempe, Polytechnic, West and Downtown Phoenix campuses. Online graduate and undergraduate courses are offered in a variety of areas making programs available at a distance.

As one of the largest, most influential colleges of education in the nation, Mary Lou Fulton Teachers College offers highly regarded doctoral degree programs. Candidates are well prepared for dynamic careers in school leadership, education policy, education technology, higher and postsecondary education and other education-related fields. Consistently ranked as a top graduate school by U.S. News and World Reports, Mary Lou Fulton Teachers College is a force for discovery and for inspiring leaders who will meet the challenges of the future.

For more information, visit <https://education.asu.edu> [2].

Academic Integrity

Students in Mary Lou Fulton Teachers College who do not exhibit integrity and professional behavior in the classroom or when in the field are referred to the college administration for disciplinary action. Please refer to the ASU Student Academic Integrity Policy for more information: <https://provost.asu.edu/academicintegrity> [3].

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 Student Code of Conduct (<http://students.asu.edu/srr/code> [4]), the ASU Student Academic Integrity Policy (<https://provost.asu.edu/academicintegrity> [3]), 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 field experience or student teaching (for certification students). 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 performance 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.

To meet satisfactory academic requirements, all undergraduate students must:

1. Maintain a minimum overall cumulative GPA of at least 2.50.
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 grade of "W" or "I" in more than one course may be considered lack of academic progress.
3. Pass all required clinical experiences, including internships, apprentice teaching and student teaching, with a grade of "C" or "Y" 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 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, 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 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 student teaching) while addressing the deficiency. A student who is on academic probation in which the next term requires student teaching will need to meet with his or her 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 will result in dismissal from the program.

Deficiency: This term describes a required course or other program criterion, such as course work or GPA, which has not been met or was not successfully completed.

Dismissal: Administrative removal from the clinical experience, from student teaching or the iTeachAZ courses, from the degree program or from the college is referred to as dismissal.

An undergraduate student who has been dismissed from the Teachers College will not be allowed to enroll in further teacher or administrator certification program courses for a minimum of one semester. When the student is notified of the dismissal, he or she must participate in the development of a professional improvement plan. The student's current and future status will be determined by the terms of the professional improvement plan.

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. There are three reasons for making a PIP referral:

- poor academic standing (i.e., ongoing academic deficiencies across course work)
- issues regarding professionalism (classes or clinical 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 the assistant division director and director of student services to develop a plan for success in the iTeachAZ program.

A student will be dismissed 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 student teaching, an applied project or culminating experience) while addressing the deficiency. A student who is placed on probation in which the next term requires student teaching will need to meet with their advisor to discuss options for the semester.

Academic Suspension: Academic suspension may be imposed if an undergraduate student has two or more of the deficiencies listed. 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 dismissal from the program.

Deficiencies for undergraduate students:

1. a cumulative GPA below 2.50

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

Please note: Students who enroll in a course that requires a field observation while not currently enrolled in a clinical experience course that semester are required to enroll in a USL course. Students can choose from USL 210, 216, 402 or 410. Students will obtain the registration and information from their advisor.

NOTE: Undergraduate students will not be approved for student teaching if they are on academic probation or suspension. Once a student returns to good standing, the student can be approved to student teach.

Clinical Experience Deficiencies Undergraduate Students:

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

1. A student who fails a clinical experience or internship course may be allowed to retake the clinical experience or internship one time if the reasons for failure are judged to be remediable. If a student is permitted to retake the clinical experience or internship and fails to pass the second time, the student will be dismissed from program.
2. In some cases, clinical 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 clinical placement or internship due to violations of the Professional Responsibilities Standards, violations of a professional code of conduct, district policy, or state or federal law, or engages in 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 program without benefit of a period of academic probation or another attempt to pass the clinical experience or internship.

Students who fail a clinical experience will be required to attend a meeting with the division director or designee and director of student services to determine if they are able to retake the clinical experience. Please refer to 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.

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 will be 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 will not be 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. 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 will be informed of an allegation of a violation of or lack of compliance with the Professional Responsibilities Standards and will 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 will attend a meeting 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 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 the division director or designee, the senior director of student services, and other college representatives as determined by the division director to discuss the reasons for request for dismissal from the internship or student teaching placement. If it is determined that the allegations of a violation of unprofessional behavior resulting in the request for dismissal from the school or district 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/clinical experience course or student teaching course**
- must withdraw from all courses that require concurrent enrollment with internship or student teaching.

*If an intern or teacher candidate wishes to appeal the "E" grade, the candidate can follow the grade appeal process as outlined on the Teachers College 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 withdrawal is processed by the Office of the Registrar, the grade will be administratively changed to an "E".

If a teacher candidate wishes to repeat the internship or student teaching and concurrent course work 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 the division director or designee and the senior director of student services 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 on a PIP for unprofessional behavior, the teacher or administrator candidate will be dismissed from the initial 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 noncertification degree options within Teachers College (i.e., educational studies, master's degree without certification) or within other colleges at ASU.

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

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> [5].

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.

Step One: Informal Meeting with Instructor - This step is mandatory and applies to 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 either received no reply within five business days or was unable to schedule a meeting within 10 business days of the date of contact.

Step Two: Submit Grievance to Office of Student Services – If the grievance is not resolved in step one, the student may forward the grade appeal to the senior director of student services Erica Mitchell, at Erica.Mitchell@asu.edu [6].

Step Three: Division Director Reviews Grade Appeal – The director of student services will review the grade appeal and may request additional information if needed. The grade appeal will be forwarded to the division director for review.

- Undergraduate programs and graduate certification program appeals will be sent to interim division director Dr. Cory Hansen.

The division director will review all information and will notify the student of the outcome.

Step Four: Appeal Decision to the Dean

- Per university policy, the student may appeal the division director's decision to the dean, whose decision is final. The students must appeal within five business days of receiving the division director's decision. To submit an appeal to the dean, the student must forward the original appeal and the division director's response to Shandra.Daniels@asu.edu [7], who will begin the appeal process at the dean's level.
- Only the issue appealed to the division director may be appealed; no new issues or complaints may be added.
- The dean or designee has full discretion as to whether to refer the appeal to the Student Issues Committee (also known as the college Academic Grievance Committee). See <https://catalog.asu.edu/appeal> [8] for university policies on grade appeals.
- The student will be notified by mail of the outcome. The decision of the Student Issues Committee (dean's designee) 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 of the college in which the course is offered.

For more information on university grading policies, see <http://catalog.asu.edu/appeal> [9]. 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 registrar's 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 Teachers College programs. See <https://education.asu.edu/resources/undergraduate-services> [10] or <https://sites.google.com/a/asu.edu/tc-graduate-student-resources/introduction/student-success-staff> [11] 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 iTeachAZ curriculum. Additional university fees are assigned to courses when the audit option is chosen.

Course Prerequisites

Enrollment in upper-division iTeachAZ course work requires approval from Teachers College. Review current course descriptions for course prerequisites.

Incomplete Grades

Incomplete grades will only be issued if a student is in good standing in the course and experiences an extenuating situation just prior to the end of the term. Courses not leading to Arizona teacher certification must be completed one calendar year from the initial grade assignment. Students enrolled in the professional program must complete courses for which they received "I" (incomplete) grades before the start of student teaching.

Grade appeals

The undergraduate grade appeal policy is available from academic advisors in the Office of Student Services or at <http://education.asu.edu/student-forms-policies> [12]. 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 will be computed in the ASU cumulative GPA.

Transfer

Students may transfer a maximum of 64 credits 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 program 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 iTeachAZ must: submit an online form; have a 2.50 cumulative GPA; 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, Transfer Admission Guarantee and Maricopa-ASU Pathways Program will meet the requirements for progression into the professional program.

Withdrawal

Review the Mary Lou Fulton Teachers College undergraduate withdrawal policy at <http://education.asu.edu/student-forms-policies> [12] and the current university withdrawal procedures at <https://students.asu.edu/drop-add> [13]. It is each student's responsibility to withdraw from courses. Students will not be automatically withdrawn for nonattendance.

Degree Requirements

Students who begin at ASU as freshmen will 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, students must maintain an overall cumulative GPA of 2.00 or higher and earn a “C” (2.00) grade in all education courses. Students are evaluated in accordance with the Mary Lou Fulton Teachers College retention and continuation policy. Students in the program 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 will be 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 will be placed on probation or suspension and are subject to the disqualification policy of Mary Lou Fulton Teachers College. Refer to the retention and continuation policy for additional information: <http://education.asu.edu/student-forms-policies> [12].

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 higher (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 or administrator certification programs.

Academic Requirements:

To be eligible to progress into student teaching, 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 for student teaching until the deficiencies are completed. For undergraduates this includes requirements for general studies, foundational courses, and electives in the major and minor. For graduate students, this includes all requirements that appear on the program and plan of study.

If students wish to take a course concurrently with student teaching in addition to the courses required during student teaching, they must submit a petition for review by the advising coordinator. The course must be offered in the evening or online and not conflict with contracted hours for student teaching.

Essential Functions of Student Teaching or Administrator Internship:

As a credentialing institution of the State of Arizona, our mission is to prepare teachers for service in P-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 will spend the majority of their days standing while interacting with P-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 P-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 must also 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 will be 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 successfully perform the essential functions of their assigned clinical experiences. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform these essential functions.

Special Situations for InMAC Students:

Students in the InMAC program are in multiple interdependent roles:

- employees of a school or school district
- holders of a teaching intern certificate from the Arizona Department of Education
- graduate students at Arizona State University

The teaching position requires that the student hold the intern certificate. The intern certificate requires that the college certify to the State of Arizona Department of Education that the student is enrolled in a teacher preparation program and is in good academic standing. At the completion of the first year, the intern certificate renewal requires a letter from the college certifying that the student has met the requirements set forth by the state. InMAC students who are on academic probation at the end of the first year will be evaluated on a case-by-case basis to determine if a renewal or extension letter can be issued. 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 InMAC student who is ineligible to renew 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 MAC track of the program. More information is available from the Office of Student Services.

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 IR allows for expedited issuance of the teaching or administrative certificate.

STUDENT SUPPORT

A. Student Support Process

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 the academic plan for their major and 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 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, a student will be required to attend a mandatory meeting to discuss the alleged

violations. This meeting provides students 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 on a PIP are placed on a probationary status in the college until requirements of the PIP are met. Note: 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.

B. 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 fewer 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 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 submit their medical documentation to the senior director of student services in the Mary Lou Fulton Teachers College.

C. 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 are required to document their condition with the Disability Resource Center prior to enrolling in the program. Students who are registered with DRC will be key participants in establishing reasonable and appropriate accommodations with course instructors.

ADDITIONAL REQUIREMENTS FOR TEACHER CERTIFICATION CANDIDATES

Milestones

As outlined on major maps, students are required to meet milestones for successful progression into iTeachAZ. These milestones include obtaining a DPS fingerprint clearance card, submitting an iTeachAZ intent to progress form with an academic advisor, and attending an enrollment workshop. Details can be found at <http://education.asu.edu/student-forms-policies> [12].

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 experience must have proof of a fingerprint clearance card on file in the Office of Clinical Experiences before clinical placement hours begin.

Intent to Progress

All students who start at ASU as first-time freshmen must submit their intent to progress forms to the Office of Student Services during term three, before beginning the iTeachAZ program in term five. The intent to progress form is located at <http://education.asu.edu/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 Division of Graduate

Education. The interactive plan of study contains certain degree requirements such as course work, a committee and a culminating experience. Call 602-543-6358 and ask for the academic advisor for a specific campus or program.

Academic 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 Student Code of Conduct (<http://students.asu.edu/srr/code> [4]), the ASU Student Academic Integrity Policy (<http://provost.asu.edu/academicintegrity> [14]), 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 they are engaged in clinical experience or student teaching (for certification students). 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 Division of Graduate Education website (<http://graduate.asu.edu> [15]) for further information about the Division of Graduate Education 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 refer to the Division of Graduate Education policies).

To meet satisfactory academic requirements, all graduate students must:

- Maintain at minimum a 3.00 GPA every semester on the following:
 - 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 degree or master's degree program) and courses identified as deficiencies in the original letter of admission.
 - Cumulative GPA: The cumulative GPA represents all courses completed at ASU.
- Achieve a "C" grade or higher in all courses listed on the plan of study, including secondary education content area courses. Earning a grade of "W" or "I" in more than one course may be considered lack of academic progress.
- Pass all required clinical experiences, including internships, apprentice teaching and student teaching, with a grade of "C" or "Y" or better.
- 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, 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 Division of Graduate Education 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 student teaching) while addressing the deficiency. A student who is on academic probation in which the next term requires student teaching will need to meet with his or her advisor to discuss options for the semester.

Deficiency: This term describes a required course or other program criterion, such as course work or GPA, which has not been met or was not successfully completed.

Dismissal: Administrative removal from the clinical experience, from student teaching or the iTeachAZ courses, from the degree program or from the college is referred to as dismissal.

An undergraduate student who has been dismissed from the Teachers College will not be allowed to enroll in further teacher or administrator certification program courses for a minimum of one semester. When the student is notified of the dismissal, he or she must participate in the development of a professional improvement plan. The student's current and future status will be determined by the terms of the professional improvement plan.

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. There are three reasons for making a PIP referral:

- poor academic standing (i.e., ongoing academic deficiencies across course work)
- issues regarding professionalism (classes or clinical 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 the assistant division director and director of student services to develop a plan for success in the iTeachAZ program.

A student will be dismissed 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 Division of Graduate Education Policies (for graduate students)

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 student teaching, an applied project or culminating experience) while addressing the deficiency. A student who is placed on probation in which the next term requires student teaching will need to meet with their advisor to discuss options for the semester. Please note that a graduate student with a single semester GPA at or below 2.00 may be recommended for dismissal without the benefit of a semester of probation.

Students should carefully review the Division of Graduate Education policies (found at <https://graduate.asu.edu/policies-procedures> [16]), as the Division of Graduate Education policies are required of all graduate students at ASU. Pay special attention to the policies regarding GPA, time limit for degree completion, and continuous enrollment.

Deficiencies for graduate students:

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*
5. a grade of "I" or "W" in a 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.

NOTE: Students will not be approved for student teaching if they are on academic probation or suspension. Once a student returns to good standing, the student can be approved to student teach.

Clinical Experience Deficiencies:

The following policies apply to students enrolled in initial teacher certification or administrator certification programs.

1. A student who fails a clinical experience or internship course may be allowed to retake the clinical experience or internship one time if the reasons for failure are judged to be remediable. If a student is permitted to retake the clinical experience or internship and fails to pass the second time, the student will be recommended to the Division of Graduate Education for dismissal from the program.
2. In some cases, clinical 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 clinical placement or internship due to violations of the Professional Responsibilities Standards, a professional code of conduct, district policy, or state or federal law, or engages in 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 program without benefit of a period of academic probation or another attempt to pass the clinical experience or internship.
3. An InMAC student whose clinical 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 MAC track and successfully completing the requirements of that program. This means the student may not continue to take classes with an InMAC cohort.

Students who fail a clinical experience will be required to attend a meeting with the division director or designee and director of student services to determine if they are able to retake the clinical experience. Please refer to 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, administrator candidate or graduate student in a noncertification program 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 will be 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 will not be 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. 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 will be informed of an allegation of a violation of or lack of compliance with the Professional Responsibilities Standards and will 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 will attend a meeting 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, administrator 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.

C. Dismissal from Clinical 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 the division director or designee, the senior director of student services, and other college representatives as determined by the division director to discuss the reasons for request for dismissal from the internship or student teaching placement. If it is determined that the allegations of a violation of unprofessional behavior resulting in the request for dismissal from the school or district 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/clinical 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.

*If an intern or teacher candidate wishes to appeal the "E" grade, the candidate can follow the grade appeal process as outlined on the Teachers College 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 course work 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 the division director or designee and the senior director of student services 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 on a PIP for unprofessional behavior, the teacher or administrator candidate will be dismissed from the initial 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 noncertification degree options within Teachers College (i.e., educational studies, master's degree without certification) or within other colleges at ASU.

Students enrolled in the Master of Education and Arizona certification program who are dismissed from a clinical experience or fail a clinical experience and would like to complete the program without obtaining teacher certification (master's degree only) must submit a petition to the assistant division director and senior director of student services 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 MAC course work. Students approved to remain in the MAC 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

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> [5].

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.

Step One: Informal meeting with instructor - This step is mandatory and applies to 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 either received no reply within five business days or was unable to schedule a meeting within 10 business days of the date of contact.

Step Two: Submit grievance to Office of Student Services – If the grievance is not resolved in step one, the student may forward the grade appeal to the senior director of student services Erica Mitchell, at Erica.Mitchell@asu.edu [6].

Step Three: Division Director Reviews Grade Appeal – The director of student services will review the grade appeal and may request additional information if needed. The grade appeal will be forwarded to the division director for review.

- Graduate certification program appeals will be sent to interim division director Dr. Cory Hansen.
- Nonteacher certification graduate appeals will be sent to division director Dr. Sherman Dorn.

The division director will review all information and will notify the student of the outcome.

Step Four: Appeal Decision to the Dean

- Per university policy, the student may appeal the division director's decision to the dean, whose decision is final. The students must appeal within five business days of receiving the division director's decision. To submit an appeal to the dean, the student must forward the original appeal and the division director's response to Shandra.Daniels@asu.edu [7], who will begin the appeal process at the dean's level.
- Only the issue appealed to the division director may be appealed; no new issues or complaints may be added.
- The dean or designee has full discretion as to whether to refer the appeal to the Student Issues Committee (also known as the college Academic Grievance Committee). See <https://catalog.asu.edu/appeal> [8] for university policies on grade appeals.
- The student will be notified by mail of the outcome. The decision of the Student Issues Committee (dean's designee) is final.

It is university policy that students filing grievances and those who are witnesses be protected from retaliation. Students who believe they are victims of retaliation should immediately contact the dean of the college in which the course is offered.

For more information on university grading policies, see <http://catalog.asu.edu/appeal> [9]. 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 registrar's office.

Appealing a Recommendation for Dismissal from Program:

The ASU Division of Graduate Education 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 Division of Graduate Education upon the recommendation of the college. The student has the right to appeal a recommendation for dismissal.

Steps in appeal process:

1. The student will receive notice that a recommendation for dismissal from the program is being made to the ASU Division of Graduate Education.
2. Within 10 business days of receiving the notice, the student may appeal in writing to the Mary Lou Fulton Teachers College Student Issues Committee (dean's designee). Petition for review forms are available in the Mary Lou Fulton Teachers College Office of Student Services on each campus and online at <http://mytc.asu.edu> [17]. Failure to file the form within 10 business days of the date of notification will result in an automatic denial of the appeal.

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 Division of Graduate Education 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 Division of Graduate Education; 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; please 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 Division of Graduate Education.

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 Education policies at <https://graduate.asu.edu/policies-procedures>. [16]

Graduation Requirement

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 Programs

In addition to the Division of Graduate Education 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.

Each student in the induction, Master of Education and Arizona certification program must hold an Arizona intern teaching certificate and be employed. If either the employment or certificate status changes, the student will need to apply to be placed in the Master of Education and Arizona certification program. A MAC student who becomes employed on an intern certificate will be evaluated by the division director or designee and placed in the appropriate classes to complete the degree. In either case, extra time may be required to complete the degree program.

Doctoral Programs

In addition to the Division of Graduate Education 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 Division of Graduate Education, to have a GPA of 3.00 (on a 4.00 scale), 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 may result in academic probation, or, for egregious violations, immediate recommendation to Graduate Education 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 Division of Graduate Education for dismissal for failure to meet the Division of Graduate Education policies. See <http://graduate.asu.edu> [15].

Students must fulfill all requirements of their individual graduate programs to remain in good academic standing and abide by all university policies.

Additional requirements

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 Clinical Experiences before field placement hours begin.

Source URL: <https://catalog.asu.edu/policies/mlftc>

Links

[2] <https://www.education.asu.edu/>

[3] <https://provost.asu.edu/academicintegrity>

[4] <http://students.asu.edu/srr/code>

[5] <https://students.asu.edu/academic-calendar>

[6] <mailto:Erica.Mitchell@asu.edu>

[7] <mailto:Shandra.Daniels@asu.edu>

[8] <https://catalog.asu.edu/appeal>

[9] <http://catalog.asu.edu/appeal>

[10] <https://education.asu.edu/resources/undergraduate-services>

[11] <https://sites.google.com/a/asu.edu/tc-graduate-student-resources/introduction/student-success-staff>

[12] <http://education.asu.edu/student-forms-policies>

[13] <https://students.asu.edu/drop-add>

[14] <http://provost.asu.edu/academicintegrity>

[15] <http://graduate.asu.edu>

[16] <https://graduate.asu.edu/policies-procedures>

[17] <http://mytc.asu.edu>

Academic Programs List

The following section contains a listing of all program descriptions and requirements that are provided for graduate degrees and certificates, minors, undergraduate certificates and undergraduate degrees. Undergraduate degrees have a corresponding major map that includes the critical requirements, order of courses and grade requirements for that degree. Each undergraduate degree's requirements are outline on the degree's corresponding major map. The major maps and MAPP and TAG agreements are provided in the final sections of this document.

Graduate Programs

Graduate Degrees and Certificates (Program Descriptions and Requirements)

Business, W. P. Carey School of

Accountancy, MAcc (BAACCMACC)
Agribusiness, MS (AGAGRIBMS)
Business Administration (Accountancy), PHD (BAACCTPHD)
Business Administration (Agribusiness), PHD (BAAGRIPHD)
Business Administration (Computer and Information Systems), PHD (BAINFSYPHD)
Business Administration (Finance), PHD (BAFINANPHD)
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 Management, MS (BAINFOMS)
Management, MS (BACMRMS)
Management, MS (BAMCCMS)
Real Estate Development, MREDev (ARREMREDEV)
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 & the Arts, Herberger Institute for

Architecture, MArch (ARARCMARCH)
Art, MFA (HIARTMFA)
Art (Art Education), MA (FAARTEDMA)
Art (Art History), MA (FAARTHISMA)
Art (Digital Technology), MFA (FADIGITMFA)
Built Environment (Energy Performance and Climate Responsive Architecture), MS (AREENERGYMS)
Composition, MM (FAMCOMPMM)
Composition (Interdisciplinary Digital Media and Performance), MM (FADIGITMM)
Creative Enterprise and Cultural Leadership, MA (HICECLMA)
Dance, MFA (FADANCEMFA)
Dance (Interdisciplinary Digital Media and Performance), MFA (FADANDIMFA)
Design (Design of Healthcare and Healing Environments), MSD (ARHHEMMSD)
Design (Industrial Design), MSD (ARINDDEMMSD)
Design (Interaction Design), MSD (ARDSCIMMSD)
Design (Interior Design), MSD (ARINTDEMMSD)
Design (New Product Innovation), MSD (ARDSCNMSD)
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)
 Environmental Design and Planning, PHD (ARENVDDEPHD)
 History and Theory of Art, PHD (FAHIARTPHD)
 Industrial Design, MID (HIINDMID)
 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 and Performance), DMA (FAINTDDMA)
 Music (Music Composition), DMA (FACOMPDMA)
 Music (Music Education), PHD (FAMUSEDPHD)
 Music (Musicology), MA (FAMHISTMA)
 Music (Musicology), PHD (HIMUSMPHD)
 Music (Performance), DMA (FAPERFDMA)
 Music Education, MM (FAMUSEDMM)
 Music Theory Pedagogy (Certificate), Certificate (HIMTPGRCT)
 Music Therapy, MM (FAMTHERMM)
 Performance (Collaborative Piano), MM (FACPIANOMM)
 Performance (Conducting), MM (HIPERCOMM)
 Performance (Music Theatre/Opera Performance), MM (FAMUTPOMM)
 Performance (Performance Pedagogy), MM (FAPPEDMM)
 Performance (Performance), MM (FAPERF3MM)
 Socially Engaged Practice in Design and the Arts (Certificate), Certificate (HISEPGRCT)
 Theatre, MA (FATHEAMA)
 Theatre (Arts Entrepreneurship and Management), MFA (HITHEAEMFA)
 Theatre (Directing), MFA (FADIRMFA)
 Theatre (Dramatic Writing), MFA (FADRWRMFA)
 Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)
 Theatre (Performance Design), MFA (FAPERDMFA)
 Theatre (Performance), MFA (FAPERFMFA)
 Theatre (Theatre For Youth), MFA (FAYOUTHMFA)
 Theatre (Theatre For Youth), 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, 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, MSE (ESCIVLMSE)
 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 (Information Assurance), MCS (ESCSEIMCS)
 Computer Science (Information Assurance), MS (ESCSEIAMS)
 Computer Science (Information Assurance), PHD (ESCSEIAPHD)
 Computing Studies, MCSt (TSCOMPMCST)
 Construction Engineering, MSE (ESCONEMSE)
 Construction Management, MS (ESCONSTMS)
 Construction Management, PHD (ESCONPHD)
 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 (Enterprise Systems Innovation and Management), MSE (ESIEEMSE)
 Engineering Science (Software Engineering), MSE (ESSFEMSE)
 Environmental and Resource Management, MS (ESERMMS)
 Human Systems Engineering, MS (ECAPSYCHMS)
 Industrial Engineering, MS (ESINDENMS)
 Industrial Engineering, PHD (ESINDENPHD)
 Information Technology, MS (TSIFTMS)
 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)
 Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)
 Neural Engineering (Certificate), Certificate (ESNENGRCT)
 Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)
 Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)
 Simulation, Modeling, and Applied Cognitive Science, PHD (TSSMACSPHD)
 Software Engineering, MS (TSSERMS)
 Solar Energy Engineering and Commercialization, PSM (ESSEECPSM)
 Sustainable Engineering, MSE (ESSUEMSE)

Systems Engineering, PHD (ESSYSPHD)
Technology (Alternative Energy Technologies), MSTech (TSATMSTECH)
Technology (Aviation Management and Human Factors), MSTech (TSHFMSTECH)
Technology (Electronic Systems Engineering Technology), MSTech (TSSYMSTECH)
Technology (Environmental Technology Management), MSTech (TSMGMSTECH)
Technology (Global Technology and Entrepreneurship), MSTech (TSGEMSTECH)
Technology (Graphic Information Technology), MSTech (TSGIMSTECH)
Technology (Management of Technology), MSTech (TSMRMSTECH)
Technology (Manufacturing Engineering Technology), MSTech (TSMFMSTECH)

Future of Innovation in Society, School for the

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)
Applied Ethics and the Professions (Science, Technology and Ethics), MA (LAAEPSEEMA)
Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)
Global Technology and Development, MS (LSGTDMS)
Human and Social Dimensions of Science and Technology, PHD (GCHSDSTPHD)
Responsible Innovation in Science, Engineering and Society (certificate), Certificate (GCRSESGRCT)
Science and Technology Policy, MSTP (LAHSDPSM)

Global Management, Thunderbird School of

Global Affairs (Certificate), Certificate (TBGAFGRCT)
Global Affairs and Management, MA (TBGAMMA)
Global Development (Certificate), Certificate (TBGDVGRCT)
Global Finance (Certificate), Certificate (TBGFINGRCT)
Global Management, MGM (TBTGMMGM)
Global Management, MGM (TBTGMXMGM)
Global Management (Certificate), Certificate (TBTGMGRCT)
Global Marketing (Certificate), Certificate (TBGMKTGRCT)
Global Trade and Commerce (Certificate), Certificate (TBGTCMGRCT)

Health Solutions, College of

Audiology, AuD (LAAUDAUDD)
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)
Exercise and Wellness, MS (EEXERMS)
Exercise and Wellness (Healthy Aging), MS (NHEXWHMS)
Health Informatics, MAS (GCHLHINMAS)
Integrated Health Care, MIHC (NHIHCFMIHC)
Nutrition, MS (ECHNUTMS)
Nutrition (Dietetics), MS (ECNTRDMS)
Obesity Prevention and Management, MS (NHOBSMS)
Physical Activity, Nutrition and Wellness, PHD (ECNUTRIPHD)
Science of Health Care Delivery, MS (NHSKCDMS)
Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)
Speech and Hearing Science, PHD (LAHEARPHD)

Integrative Sciences and Arts, College of

Applied Biological Sciences, MS (TSAPBIOSMS)

Counseling, MC (EDCOUNMC)
Counseling Psychology, PHD (EDCPSYPHD)
Technical Communication, MS (LSTCCMMS)
Technical Communication (certificate), Certificate (LSTECGRCT)

Interdisciplinary Arts & Sciences, New College of

Communication Studies, MA (ASCOMSTMA)
English, MA (ASENGLMA)
Interdisciplinary Studies, MA (ASINTERMA)
Psychology, MS (ASPGSMS)
Social Justice and Human Rights, MA (ASJHRMA)
Social Technologies, MA (ASSTCMA)

Journalism & Mass Communication, Walter Cronkite School of

Business Journalism (Certificate), Certificate (CSBSJGRCT)
Journalism and Mass Communication, PHD (CSJMCPhD) Mass
Communication, MMC (CSMCOMMMC)
Sports Journalism, MA (CSSPJMA)

Law, Sandra Day O'Connor College of

Biotechnology and Genomics, LL.M. (LWGENOMLLM)
Indian Law (certificate), Certificate (LWLAWGRCI)
Juris Doctor of Law, JD (LWJDJD)
Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)
Laws, LL.M. (LAWLAWSLLM)
Laws (Global Legal Studies), LL.M. (LAWLGLPLLM)
Legal Studies, MLS (LWLGSMLEGS)
Legal Studies (Patent Practice), MLS (LWLPPMLEGS)
Sports Law and Business, MSLB (LWSLBMSLB)
Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Liberal Arts & Sciences, College of

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 Media and Popular Culture, MAS (LAAMPCMAS)
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)
Asian Languages and Civilizations (Chinese), MA (LACHINAMA)
Asian Languages and Civilizations (Japanese), MA (LAJAPANMA)
Asian Studies (certificate), Certificate (LAASIANCE)
Astrophysics, MS (LAASTPHMS)
Astrophysics, PHD (LAASTPHPHD)
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)
 Biomimicry, MS (LABMYMS)
 Biomimicry (Certificate), Certificate (LABMYGRCT)
 Chemistry, MS (LACHEMMS)
 Chemistry, PHD (LACHEMPHD)
 Communication, PHD (LACOMMOPHD)
 Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)
 Creative Writing, MFA (LACWRITMFA)
 Critical Theory (certificate), Certificate (LACRTGRCT)
 Digital Humanities (Certificate), Certificate (LACDHGRCT)
 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 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)
 Exploration Systems Design, PHD (LAESDPHD)
 Exploration Systems Design (Instrumentation), PHD (LAESDIPHD)
 Exploration Systems Design (Sensor Networks), PHD (LAESDSNPHD)
 Exploration Systems Design (Systems Engineering), PHD (LAESDSEPHD)
 Family and Human Development, MS (LAFAMHDMS)
 Family and Human Development, PHD (LAFAMSCPHD)
 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 (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, PHD (LASSHPHD)
 Global Health (Complex Adaptive Systems Science), PHD (LASSHCPHD)

Global Health (Culture and Health), PHD (LASSHCHPHD)
 Global Health (Evolutionary Global Health Sciences), PHD (LASSHEPHD)
 Global Health (Urbanism), PHD (LASSHURPHD)
 History, MA (LAHISTMA)
 History, PHD (LAHISTPHD)
 History and Philosophy of Science, PHD (LAHPSCIPHD)
 Immigration Studies (certificate), Certificate (LAIMMSTUCE)
 Infant Family Practice, MAS (LACDEMAM)
 International Letters and Cultures, PHD (LAILCPHD)
 Justice Studies, MS (LAJUSSTMS)
 Justice Studies, PHD (LAJUSSTPHD)
 Liberal Studies, MLSt (LAMLMSLS)
 Liberal Studies (Film and Media Studies), MLSt (LAFMSMLS)
 Linguistics (certificate), Certificate (LALINGUICE)
 Linguistics and Applied Linguistics, MA (LALINMA)
 Linguistics and Applied Linguistics, PHD (LALINPHD)
 Literary Translation Studies (Certificate), Certificate (LALTSGRCT)
 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)
 Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)
 Philosophy, MA (LAPHILMA)
 Philosophy, PHD (LAPHILPHD)
 Philosophy (History and Philosophy of Science), MA (LAHPSMA)
 Philosophy (History and Philosophy of Science), PHD (LAHPSPHD)
 Physics, MS (LAPHYSIMS)
 Physics, PHD (LAPHYSIPHD)
 Plant Biology and Conservation, MS (LAPLBIOMS)
 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)
 Scholarly Publishing (certificate), Certificate (LASCHPUBCE)
 Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)
 Social and Cultural Pedagogy, MA (LASCPMA)

Social Science Research Methods (Certificate), Certificate (LASSRMGRCT)
 Social Transformation Certificate, Certificate (LASOTGRCT)
 Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)
 Sociological Inquiry, PHD (LASOCPHD)
 Sociology, MA (LASOCMA)
 Spanish, MA (LASPANMA)
 Spanish, PHD (LASPANPHD)
 Statistics, MS (GCSTATMS)
 Statistics, PHD (LASTPPHD)
 Statistics (certificate), Certificate (GCSTATCE)
 Teaching English to Speakers of Other Languages, MTESOL (LAENGMTESL)
 Transborder Studies, MAS (LATCLMAS)
 Transborder Studies, PHD (LATCLPHD)
 Transportation Systems (certificate), Certificate (GCTRANSCE)
 Urban and Environmental Planning, MUEP (ARURBMUEP)
 Urban Planning, PHD (ARPUPPHD)
 Women and Gender Studies, MA (LAWSTMA)

Nursing and Health Innovation, College of

Adv Nursing Practice (Women's Health NP), DNP (NUANPWHDNP)
 Advanced Nursing Practice, DNP (NUANPDNP)
 Advanced Nursing Practice (Adult Nurse Practitioner), DNP (NUANPADDNP)
 Advanced Nursing Practice (Adult Psychiatric Mental Health Nurse Practitioner), DNP (NUANPPMDNP)
 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 (Geriatric Nurse Practitioner), DNP (NUGNPDNP)
 Advanced Nursing Practice (Innovation Leadership), DNP (NUANPILDNP)
 Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)
 Advanced Nursing Practice (Pediatric Nurse Practitioner), DNP (NUANPPDNP)
 Biospecimen Repository Administration (certificate), Certificate (NUBRAGRCT)
 Care Coordination (certificate), Certificate (NUCRCDGRCT)
 Child and Adolescent Mental Health Intervention (certificate), Certificate (NUCAMHICE)
 Clinical Research Management, MS (NUCRMMS)
 Clinical Research Management (certificate), Certificate (NUHCRGRCC)
 Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)
 Community and Public Health Practice (certificate), Certificate (NUCHPGRCH)
 Evidence-Based Practice in Nursing and Healthcare (certificate), Certificate (NUEVIDNSCE)
 Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)
 Family Psychiatric and Mental Health Nurse Practitioner (certificate), Certificate (NUPMNUPRCE)
 Health Care Innovation, Certificate (NUHCINGRCT)
 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 (Care Coordination), MS (NUCRCDMS)
 Nursing (Community Health Advanced Practice Nursing), MS (NUCHNDTMS)
 Nursing (Nursing Education), MS (NUNURSEDMS)
 Nursing (Nursing Informatics), MS (NUNINFMS)
 Nursing (Patient Safety and Health Care Quality), MS (NUPSHCMS)

Nursing and Healthcare Innovation, PHD (NUNHIPHD)
 Nursing Informatics (Certificate), Certificate (NUNINFRCT)
 Patient Safety and Health Care Quality (certificate), Certificate (NUPSHCGRCT)
 Regulatory Science and Health Safety, MS (NURSHSMS)

Public Service and Community Solutions, College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)
 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 Management (Certificate), Certificate (PPCMGGRCT)
 Criminal Justice, MA (PPCRIMJMA)
 Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)
 Criminology and Criminal Justice, MS (PPCRJMS)
 Criminology and Criminal Justice, PHD (PPCRJPHD)
 Emergency Management (Certificate), Certificate (PPEMEGRCT)
 Emergency Management and Homeland Security, MA (PPEMH SMA)
 Emergency Management and Homeland Security (Biosecurity and Threat Management), MA (PPEMH SBTMA)
 Emergency Management and Homeland Security (Community Resilience), MA (PPEMH SCRMA)
 Emergency Management and Homeland Security (Emergency Management), MA (PPEMH SEMMA)
 Emergency Management and Homeland Security (Homeland Security), MA (PPEMH SHSMA)
 Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)
 Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)
 Nonprofit Leadership and Management, MNL (PPNPSMNS)
 Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)
 Participatory Governance (certificate), Certificate (PPPGOGRCT)
 Policy Informatics (Certificate), Certificate (PPPOIGRCT)
 Program Evaluation, MS (PPPGEMS)
 Program Evaluation (Certificate), Certificate (PPPGEVGRCT)
 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 (PPPUAGRCT)
 Public Policy (Environmental Policy), MPP (PPPUPEMPP)
 Public Policy (Policy Informatics), MPP (PPPUPIMPP)
 Public Policy (Science and Technology Policy), MPP (PPPUPTMPP)
 Public Policy (Urban Policy), MPP (PPPUUPMPP)
 Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMPSL)
 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 (PPPSEPMPMSL)

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 (Planning, Administration and Community Practice), MSW (PPCPDTMSW)
Social Work - Advanced Standing, MSW (PPASWMSW)
Sustainable Tourism, MAS (PPSUSTMAS)
Sustainable Tourism (certificate), Certificate (PPSTGRCT)
Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)

Sustainability, School of

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)
Global Sustainability Leadership (certificate), Certificate (SUSUSGGRCT)
Sustainability, MA (SUSUSTMA)
Sustainability, MS (SUSUSTMS)
Sustainability, PHD (SUSUSTPHD)
Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)
Sustainability Leadership, EMSL (SUEMSLEMSL)
Sustainability Leadership, MSL (SUSUSLMSL)
Sustainability Solutions, MSUS (SUSUSOMSUS)

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 (Accomplished Teaching), MA (EDACCTCMA)
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 (English as a Second Language), MA (EDESLEMA)
Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)
Curriculum and Instruction (Literacy Education), MA (EDLANGMA)
Educational Leadership, MEd (EDSUPVMED)
Educational Leadership (Principalship), MEd (TEPRINMED)
Educational Leadership (Supervision), MEd (TESPRVIMED)
Educational Policy, MA (EDSPFMA)
Educational Policy and Evaluation, PHD (EDLDRSHPHD)
Educational Technology, MEd (EDTECHMED)
Educational Technology, PHD (EDTECHPHD)
Elementary Education (Teacher Certification), MEd (TEEEACLMEDE)
English as a Second Language (Certificate), Certificate (TEESLGRCT)
Gifted Education (Certificate), Certificate (TEGEDGRCT)
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 Sciences, MA (EDPSYCHMA)
Learning, Literacies and Technologies, PHD (EDCIPHD)
Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)

Physical Education, MPE (ECPHYEDMPE)
Secondary Education (Teacher Certification), MEd (TESCERTMED)
Special Education (Teacher Certification), MEd (TESECRTMED)
Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

Undergraduate Programs

Minors (Program Descriptions and Requirements)

African and African American Studies Minor (LAAFRMIN)
American Indian Studies Minor (LAAISMIN)
American Studies Minor (ASAMSMIN)
Anthropology Minor (LAASBMIN)
Applied Biological Sciences Minor (TSABSMIN)
Applied Psychology Minor (ECPSYMIN)
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)
Communication Minor (HSCMNMIN)
Communication Minor (LACOMMIN)
Communication Minor (LSCOMMIN)
Community Health Minor (NUCHLTMIN)
Community Sports Management Minor (PPCSMMIN)
Computational Mathematical Sciences Minor (LACMSMIN)
Construction Management Minor (ESCMGMIN)
Criminology and Criminal Justice Minor (PPCRJMIN)
Dance Minor (FADANMIN)
Design Studies Minor (ARDSNMIN)
Digital Culture Minor (HIDGCMIN)
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 and Resource Management Minor (ESERMMIN)
Ethnic Studies Minor (ASETHMIN)
Family and Human Development Minor (LAFASMIN)
Film and Media Production Minor (FAFMPPMIN)

Film and Media Studies Minor (LAFMSMIN)
Food and Nutrition Management Minor (ECFNTRMIN)
French Minor (LAFREMIN)
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)
History Minor (ASHISMIN)
History Minor (LAHISMIN)
History Minor (LSHISMIN)
Human Nutrition Minor (ECNTRMIN)
Human Systems Engineering Minor (ESHSEMIN)
Innovation in Society Minor (FIFISMIN)
Integrative Health Minor (NUIHLTMIN)
Interdisciplinary Organizational Studies Minor (ASIOSMIN)
Interior Design History Minor (ARINTMIN)
Italian Minor (LAITAMIN)
Justice Studies Minor (LAJUSMIN)
Kinesiology Minor (NHKINMIN)
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)
Military Leadership Minor (LAMISMIN)
Music Minor (FAMUSMIN)
Music Performance Minor (HIMUSPMIN)
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)
Philosophy Minor (ASPHIMIN)
Philosophy Minor (LAPHIMIN)
Physics Minor (LAPHYMIN)
Physics Minor (LSPHYMIN)
Political Science Minor (ASPOLMIN)
Political Science Minor (LAPOSMIN)
Psychology Minor (ASPGSMIN)
Psychology Minor (LAPGSMIN)
Public Relations and Strategic Communications Minor (HSPRSMIN)
Public Service and Public Policy Minor (PPPAFMIN)
Real Estate Minor (BAREAMIN)
Recreation Management Minor (PPRECMIN)
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 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)
Speech and Hearing Science Minor (LASHSMIN)
Statistics Minor (LASTAMIN)
Studio Art Minor (HISTARTMIN)
Sustainability Minor (SUSUSMIN)
Sustainable Tourism Minor (PPTDMSMIN)
Theatre Minor (FATHEMIN)
Tourism Development and Management Minor (PPTDMMIN)
Transborder Chicana/o and Latina/o Studies Minor (LATCLMIN)
Urban Planning Minor (ARPUPMIN)
Urban and Metropolitan Studies Minor (PPURBMIN)
Wellness Foundations Minor (ECEXWMIN)
Women and Gender Studies Minor (ASWSTMIN)
Women and Gender Studies Minor (LAWSTMIN)
Youth Services Leadership Minor (HSYSLMIN)

Undergraduate Programs

Undergraduate Certificates (Program Descriptions and Requirements)

Actuarial Science Certificate (LAACTCERT)
African and African American Studies Certificate (LAAFRCERT)
American Indian Nation Governance Certificate (LAAIGVCERT)
Applied Business Data Analytics Certificate (BABDACERT)
Arabic Studies Certificate (LAARBCERT)
Arts Entrepreneurship Certificate (HITHAECERT)
Arts in Education Certificate (HIAEDCERT)
Asian Pacific American Studies Certificate (LAAPACERT)
Asian Studies Certificate (LAASNCERT)
Brazilian Studies Certificate (LABZSCERT)
Child Life Certificate (LACHLFCERT)
Child Nutrition Certificate (ECNTRCERC)
Civic Education Certificate (LACVECERT)
Civil Communication Certificate (LACCOMCERT)
Classical Studies Certificate (LACLGCERT)
Communication Sciences and Disorders Certificate (NHCSDCERT)
Computer Gaming Certificate (ESSCICERT)
Convention Sales and Meeting Planning Certificate (PPTDMCERT)
Creative City Certificate (PPURBCERC)
Criminal Investigations Certificate (PPCRICERT)
Cryptology Certificate (LACRYCERT)

Digital Culture Certificate (HIDGCCERT)
East Asian Studies Certificate (LAEASCERT)
Economic Justice Certificate (LAECNJCERT)
Energy and Sustainability Certificate (SUESUCERT)
Entertainment and Technology Certificate (LAFMSUERE)
Entrepreneurship and Innovation Certificate (BAKEICERT)
Environmental Education Certificate (TEEVEDCERT)
Environmental Humanities Certificate (LAENHCERT)
Environmental Humanities Certificate (LSENHHCERT)
Ethics Certificate (LAETHCERT)
Ethnic Studies Certificate (ASETHCERT) European
Union Studies Certificate (LAEUSCERT) Family
Communication Certificate (ASFAMCCERT) Film
and Video Studies Certificate (ASVIDCERT)
Food Industry Management and Marketing Certificate (BAFIMMCERT)
Food System Sustainability Certificate (SUFSUCERT)
Games and Impact Certificate (TEGIMCERT)
Geographic Information Science Certificate (LAGISCERT)
Hazardous Materials and Waste Management Certificate (TSETMCERT)
Health Science for the Peace Corps Certificate (NHHSPCCERT)
History and Philosophy of Science Certificate (LAHPSCERT)
Homeland Security Certificate (PPHSLCERT)
Honors Business Consulting Certificate (BAECNUERT)
Human Rights Certificate (LAHRTSCERT)
Informatics Certificate (ESCPICERT)
Innovation for Impact Certificate (FIIFICERT)
International Business Certificate (BAIBSCERT)
International Cinema Certificate (LAICINCERT)
International Studies Certificate (LAINSCERT)
Islamic Studies Certificate (LAISLCERT)
Jewish Studies Certificate (LAJUDCERT)
Korean Studies Certificate (LAKORCERT)
Latin American Studies Certificate (LALASCERT)
Leadership and Ethics Certificate (PPLDECERT)
Leadership in Business Certificate (BALIBCERT)
Leadership, Ethics and Service Certificate (PPLETSCERT)
Lesbian, Gay, Bisexual and Transgender Certificate (PPLGBTCERT)
Medieval and Renaissance Studies Certificate (LAMRSCERT)
Modern Hebrew Certificate (LAHEBCERT)
Nonprofit Professional Certificate (PPNPYCERT)
Oral History Certificate (ASOHCCERT)
Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)
Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)
Political Thought and Leadership Certificate (LAPTLCERT)
Professional Sales Certificate (BAPRSCERT)
Public Administration and Public Management Certificate (PPPAFCERT)
Religion and Conflict Certificate (LARELCERT)
Risk Communication Certificate (ASRCMCERT)
Russian and East European Studies Certificate (LAREECERT)
Sales and Marketing Essentials Certificate (BASMECERT)

Secondary Education Certificate (TESEDCERT)
Security Studies Certificate (PPSCSCERT)
Small Business and Entrepreneurship Certificate (BASMBCERT)
Social Transformation Certificate (LASOTCERT)
Socially Engaged Practice in Design and the Arts Certificate (HISEPCERT)
Socio-Legal Studies Certificate (LASLSTCERT)
Southeast Asian Studies Certificate (LASALCERT)
Spanish for the Professions Certificate (LSSPPRFCER)
Special Events Management Certificate (HSRTMUERT)
Speech-Language Pathology Assistant Certificate (LASLPACERT)
Sports Business Certificate (BASPBCERT)
Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)
Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)
Technical Communication Certificate (LSTECCERT)
Technology Entrepreneurship Certificate (ESTNECERT)
Translation Certificate (LASPACERT)
Wildlife Management Certificate (LSWLMCERT)
Women and Gender Studies Certificate (ASWSTCERT)
Women and Gender Studies Certificate (LAWSTCERT)
Working with Military Families Certificate (LAWWMFCERT)
Writing (Liberal Arts and Sciences) Certificate (LAENGCERT)
Writing (New College) Certificate (ASWRTCERT)

Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy, BS (BAACCBS)
Agribusiness (Global Agribusiness), BS (AGAGBGABS)
Business, BA (BABUSBA)
Business (Business Administration), BA (BABUSBABA)
Business (Chinese Language and Culture), BA (BABUSCLBA)
Business (Communication), BA (BABUSCBA)
Business (Food Industry Management), BA (BABUSFIMBA)
Business (Global Agribusiness), BA (BABUSGAGBA)
Business (Global Leadership), BA (BABUSGBA)
Business (Global Logistics Management), BA (BABUSGLBA)
Business (Global Politics), BA (BABUSGPBA)
Business (Human Resources), BA (BABUSHRBA)
Business (Law), BA (BABUSLBA)
Business (Public Service and Public Policy), BA (BABUSPBA)
Business (Retail Management), BA (BABUSRBA)
Business (Spanish Language and Culture), BA (BABUSSLBA)
Business (Sports and Media Studies), BA (BABUSMSBA)
Business (Statistics), BA (BABUSTABA)
Business (Sustainability), BA (BABUSSBA)
Business (Technology), BA (BABUSTCBA)
Business (Tourism), BA (BABUSTBA)
Business (Urban Policy), BA (BABUSUBA)
Business Data Analytics, BS (BABDABS)
Business Entrepreneurship, BS (BABUENTBS)
Business Exploratory, (BABUSEXP)

Computer Information Systems, BS (BACISBS)
Economics, BS (BAECNBS)
Finance, BS (BAFINBS)
Food Industry Management, BS (BAFIMBS)
Management, BS (BAMGTBS)
Marketing, BS (BAMKTBS)
Marketing (Digital and Integrated Marketing Communications), BS (BAMKDIMCBS)
Marketing (Professional Sales), BS (BAMKTPSBS)
Supply Chain Management, BS (BASCMBBS)

Design & the Arts, Herberger Institute for

Architectural Studies, BSD (ARSTDBSD)
Art (Art Education), BFA (FAARTEBFA)
Art (Art History), BA (FAARTHBA)
Art (Art Studies), BA (FAARTSTDBA)
Art (Ceramics), BFA (FAARTCBFA)
Art (Drawing), BFA (FAARTDBFA)
Art (Fibers), BFA (FAARTFBFA)
Art (Intermedia), BFA (FAARTIBFA)
Art (Metals), BFA (FAARTMBFA)
Art (Museum Studies), BA (FAARTMSBA)
Art (Painting), BFA (FAARTPABFA)
Art (Photography), BFA (FAARTPHBFA)
Art (Printmaking), BFA (FAARTPMBFA)
Art (Sculpture), BFA (FAARTSBFA)
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 (HIDGCMPPBA)
Digital Culture (Music), BA (HIDGCMBA)
Digital Culture (Theatre), BA (HIDGCTBA)
Environmental Design, BS (HIEDSBS)
Film (Film and Media Production), BA (FAFLMBA)
Film (Filmmaking Practices), BA (FAFPRBA)
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 Education, 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)
Air Traffic Management, BS (TSATMBS)
Applied Computer Science, BS (TSACSBS)
Applied Science, BAS (TSAPSBAS)
Applied Science (Aviation), BAS (TSAMTABAS)
Applied Science (Electronic Energy Systems), BAS (TSEESBAS)
Applied Science (Graphic Information Technology), BAS (TSGITBAS)
Applied Science (Internet and Web Development), BAS (TSIWDBAS)
Applied Science (Manufacturing Technology and Management), BAS (TSMETFBAS)
Applied Science (Operations Management), BAS (TSIMCOBAS)
Applied Science (Software and Computing Systems), BAS (TSCSTBAS)
Biomedical Engineering, BSE (ESBMEBSE)
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 (Information Assurance), BS (ESCSEIBS)
Computer Science (Software Engineering), BS (ESCSESBS)
Computer Systems (Computer Hardware Technology), BS (TSCSTHBS)
Computer Systems (Embedded Systems Technology), BS (TSCSTMBS)
Computer Systems Engineering, BSE (ESCSEBSE)
Computer Systems Engineering (Information Assurance), BSE (ESCSEIBSE)
Construction Engineering, BSE (ESCONBSE)
Construction Management, BS (ESCONMGTBS)
Construction Management (Concrete Industry Management), BS (ESCONIMBS)
Electrical Engineering, BSE (ESEEEBSE)
Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)
Electronics Engineering Technology (Alternative Energy Technologies), BS (TSEETABS)

Electronics Engineering Technology (Electronic Systems), BS (TSEETEBS)
Electronics Engineering Technology (Integrated Electronic Systems), BS (TSEETINBS)
Engineering, BSE (TSEGRBSE)
Engineering (Automotive Systems), BSE (TSEGRASBSE)
Engineering (Electrical Systems), BSE (TSEGRESBSE)
Engineering (Humanitarian Engineering), BSE (TSEGRHEBSE)
Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)
Engineering (Robotics), BSE (TSEGRRBSE)
Engineering Exploration, (TSEGRPRE)
Engineering Management, BSE (ESEMGBSE)
Environmental and Resource Management, BS (TSETMBS)
Graphic Information Technology, BS (TSGITBS)
Graphic Information Technology (Gaming), BS (TSGITGBS)
Human Systems Engineering, BS (ESHSEBS)
Industrial Engineering, BSE (ESIEEBSE)
Industrial and Organizational Psychology, BS (ECPSYBS)
Informatics, BS (ESCPIBS)
Information Technology, BS (TSIFTBS)
Manufacturing Engineering, BS (TSMEGRBS)
Manufacturing Engineering Technology (Mechanical), BS (TSMETMBS)
Materials Science and Engineering, BSE (ESMSEBSE)
Mechanical Engineering, BSE (ESMAEMBSE)
Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)
Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)
Mechanical Engineering Technology, BS (TSMECBS)
Mechanical Engineering Technology (Aeronautical Engineering Technology), BS (TSMECEBS)
Mechanical Engineering Technology (Automation Engineering Technology), BS (TSMECUBS)
Mechanical Engineering Technology (Automotive), BS (TSMECTBS)
Product Development and Manufacturing Technology, BS (TSMETBS)
Software Engineering, BS (TSSERBS)
Technological Entrepreneurship and Management, BS (TSTEM2BS)

Future of Innovation in Society, School for the

Innovation in Society, BA (FIFISBA)
Innovation in Society, BS (FIFISBS)

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)
International Trade, BS (TBINTRABS)

Health Solutions, College of

Applied Science (Food Service Management), BAS (ECNTRBAS)
Applied Science (Health Sciences), BAS (NUHSCBAS)
Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)
Biomedical Informatics, BS (ESBMIBS)
Exercise and Wellness (Exercise for Obesity Prevention), BS (NHEXWOPBS)
Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)
Exercise and Wellness (Health Promotion), BS (ECEXWHBS)
Exercise and Wellness (Strength and Conditioning Specialist), BS (NHEXWSCBS)
Health Education and Health Promotion, BS (NHHEHPBS)
Health Sciences (Health Policy), BS (NUHSCHPBS)
Health Sciences (Healthy Lifestyles Coaching), BS (NUHSCHLCBS)
Health Sciences (Pre-professional), BS (NUHSCPRESBS)

Health Systems Management, BS (TSHSYMBS)
Kinesiology, BS (NUKINBS)
Medical Studies, BS (NHMEDBS)
Nutrition (Dietetics), BS (ECNTRDBS)
Nutrition (Food and Nutrition Management), BS (ECNTRMBS)
Nutrition (Food and Tourism Management), BS (ECNTFTMBS)
Nutrition (Human Nutrition), BS (ECNTRHBS)
Nutrition (Nutrition Communication), BS (ECNTRCBS)
Public Health, BS (NHPBHBS)
Science of Health Care Delivery, BS (NHHCDBS)
Speech and Hearing Science, BS (LASHSBS)

Honors - Barrett, The Honors College

Honors College, (9HOHONALL)

Integrative Sciences and Arts, College of

Agribusiness (Preveterinary Medicine), BS (AGAGBPBS)
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 (Technical Communication), BAS (LSTECBAS)
Communication, BA (LSCOMBA)
English, BA (LSENGBA)
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)
General Studies, BA (LSGNSBGS)
History, BA (LSHISBA)
Interdisciplinary Studies, BA (LSBISBIS)
Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)
Liberal Studies, BA (LABLSBLS)
Organizational Leadership, BA (LSORGLBA)
Political Science, BS (LSPOLBS)
Science, Technology and Society, BS (ECSTSBS)
Technical Communication, BS (LSTECBS)

Interdisciplinary Arts & Sciences, New College of

Applied Computing, BS (ASACOBBS)
Applied Mathematics, BS (ASMATBS)
Applied Science, BAS (ASBASBAS)
Biology, BA (ASLSCBA)
Biology, BS (ASLSCBS)
Biology (Environmental Science), BS (ASLSCEBS)
Biology (Forensics), BS (ASLSCFBS)
Biology (Pharmacology/Toxicology), BS (ASLSCPBS)
Communication, BA (ASCOMMBA)

Communication, BS (ASCOMMBS)
 English, BA (ASENGBA)
 English (Secondary Education), BA (ASENGSEBA)
 Environmental Science, BA (ASENVBA)
 Environmental Science, BS (ASENVBS)
 Ethnicity, Race and First Nations Studies, BA (ASETHBA)
 Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)
 Exploratory Health and Life Sciences, (ASHSCIEXP)
 Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)
 Exploratory Social and Behavioral Sciences, (ASSBSEXPL)
 Forensics, BS (ASFOREBS)
 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)
 Philosophy, Religion and Society, BA (ASRELBA)
 Political Science, BA (ASPOLBA)
 Political Science, BS (ASPOLBS)
 Psychology, BA (ASPGSBA)
 Psychology, BS (ASPGSBS)
 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)
 Women and Gender Studies, BA (ASWSTBA)
 Women and Gender Studies, BS (ASWSTBS)

Journalism & Mass Communication, Walter Cronkite School of

Journalism and Mass Communication, BA (CSJMCBA)
 Mass Communication and Media Studies, BA (CSMCMSTBA)
 Sports Journalism, BA (CSSPJBA)

Liberal Arts & Sciences, College of

Actuarial Science, BS (LAACTBS)
 African and African American Studies, BA (LAAFRBA)
 American Indian Studies, BS (LAAISBS)
 Anthropology, BA (LAASBBA)
 Anthropology, BS (LAASBBS)
 Applied Mathematics for 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)
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)
Communication, BA (LACOMBA)
Communication, BS (LACOMBS)
Computational Mathematical Sciences, BS (LACMSBS)
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)
English, BA (LAENGBA)
English (Creative Writing), BA (LAENGCBBA)
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)
Geographic Information Science, BS (LAGISBS)
Geography, BA (LAGCUBA)
Geography, BS (LAGCUBS)
Geography (Meteorology-Climatology), BS (LAGCUMBS)
Geography (Urban Studies), BS (LAGCUUBS)
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 (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)
 Philosophy, BA (LAPHIBA)
 Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)
 Physics, BA (LAPHYBA)
 Physics, BS (LAPHYBS)
 Physics (Secondary Education), BS (LAPHYSEBS)
 Political Science, BA (LAPOSBA)
 Political Science, BS (LAPOSBS)
 Psychology, BA (LAPGSBA)
 Psychology, BS (LAPGSBS)
 Psychology (Psychological Science), BS (LAPGSPSBS)
 Religious Studies, BA (LARELBA)
 Russian, BA (LARUSBA)
 Sociology, BS (LASOCBS)
 Spanish, BA (LASPABA)
 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)
 Women and Gender Studies, BA (LAWSTBA)

Nursing and Health Innovation, College of

Applied Science (Health Innovation), BAS (NUHCIBAS)
 Community Health, BS (NUCHLTBS)
 Health Care Compliance and Regulations, BS (NUHCCRBS)
 Health Care Coordination, BS (NUHCCOBS)
 Health Care Innovation, BS (NUHCIBS)
 Integrative Health, BS (NUIHLTBS)
 Nursing, BSN (NUNURDBSN)

Public Service and Community Solutions, College of

Applied Science (Emergency Management), BAS (PPEMGBAS)
 Community Advocacy and Social Policy, BA (PPCASPBA)
 Community Sports Management, BS (PPCSMBS)
 Criminology and Criminal Justice, BS (PPCRIMJBS)
 Nonprofit Leadership and Management, BS (PPNLMBS)
 Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)
 Parks and Recreation Management, BS (PPPRMBS)
 Parks and Recreation Management (Therapeutic Recreation), BS (PPPRMTRBS)
 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)
Social Work, BSW (PPSWUSWU)
Tourism Development and Management, BS (PPTDMBS)
Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)
Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)
Urban and Metropolitan Studies, BA (PPURBBA)
Urban and Metropolitan Studies, BS (PPURBBS)

Sustainability, School of

Sustainability, BA (SUSUSTBA)
Sustainability, BS (SUSUSTBS)

Teachers College, Mary Lou Fulton

Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)
Education Exploratory, (TEEDUEXPL)
Educational Studies, BAE (EDSLSTBAE)
Educational Studies (Early Childhood Education), BAE (TEESECEBAE)
Elementary Education, BAE (TEEEDBAE)
Elementary Education (Bilingual Education and English as a Second Language), BAE (TEDLLBAE)
Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)
Secondary Education (Additional Arizona Locations), BAE (TESEDBAE)
Secondary Education (Biological Sciences), BAE (TEBIOBAE)
Secondary Education (Chemistry), BAE (TECHMBAE)
Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)
Secondary Education (Economics), BAE (EDECNBAE)
Secondary Education (English), BAE (TEENGBAE)
Secondary Education (French), BAE (EDFREBAE)
Secondary Education (Geography), BAE (EDGCUBAE)
Secondary Education (German), BAE (EDGERBAE)
Secondary Education (History), BAE (TEHISBAE)
Secondary Education (Japanese), BAE (EDJPNBAE)
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 and Elementary Education, BAE (TESPEBAE)

Graduate Programs

Graduate Degrees and Certificates (Program Descriptions and Requirements)

Business, W. P. Carey School of

Accountancy, MAcc (BAACCMACC)

Online Degree Search Title: Accountancy (MACC)

Campus: Tempe

Program Description:

The W.P.Carey MAcc program is structured to provide students with an in-depth working knowledge of advanced accounting topics that are most relevant in today's business environment. The Master of Accountancy program fulfills course requirements for the CPA exam in Arizona and California, preparing students for a variety of careers in accounting.

The nine-month master's degree in accountancy is designed for individuals who want to immerse themselves in full-time graduate studies and take classes during the day.

Degree Requirements: 30 credit hours including the required capstone course (ACC 588).

The master's degree is a cohort-based, full-time program requiring a bachelor's degree in accountancy and is completed in one academic year, either August through May or January through December. Applicants must complete program prerequisites prior to admission to the program. 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.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

Legal Studies (MLS)

W. P. Carey MBA - Full-Time Program

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey graduate programs office.

Minimum requirements for admission to the master's degree program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT test scores
- one letter of recommendation that comments on students motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/masters-programs/accounting-taxation>

MCRD 350

wpcareymasters@asu.edu

480-965-3332

Agribusiness, MS (AGAGRIBMS)

Online Degree Search Title: Agribusiness (MS)

Campus: Polytechnic

Program Description:

The Morrison School of Agribusiness and Resource Management at the Polytechnic campus offers the MS in agribusiness. This degree is designed to prepare students from a variety of backgrounds with a set of critical and analytical business skills, while recognizing the unique demands of the agr business and resource management sectors. Graduates are well prepared for successful administrative or managerial careers with either government or private-sector organizations in either field.

Students are able to select either a research-oriented program, which leads to the completion of a supervised thesis, or a program consisting of course work only (nonthesis option). The nonthesis option allows students to develop an area of specialization and apply these skills to a real-world environmental and resource management problem through an integrative capstone course experience. Both the thesis and nonthesis options require the completion of a common set of core courses.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required capstone course (AGB 589).

Core requirements for this program include 18 credit hours of course work. Thesis students fulfill the remaining 12 credit hours by taking three research credits, six thesis credits and three hours of electives. Nonthesis students fulfill the remaining hours by taking 12 hours of electives.

It is suggested that students take a coherent sequence of courses such as those indicated below, but considerable flexibility is possible based on individual backgrounds and interests.

Thesis and Nonthesis Master's in Agribusiness

Semester I

AGB 528 Advanced Agribusiness Marketing (3)

AGB 561 Applied Econometrics (3)

Semester II

AGB 511 Advanced Agribusiness Management (3)

AGB 532 Advanced Agribusiness Finance (3)

AGB 570 Managerial Economics for Agribusiness (3)

Semester III

500-level AGB emphasis electives (6)

AGB 589 Agribusiness Capstone (3)

Semester IV

500-level AGB emphasis or other electives (9)

Thesis Option

AGB 592 Research (3)

AGB 599 Thesis (6)

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- official GRE general exam, Miller Analogies Test or GMAT scores
- statement of purpose*
- current curriculum vitae
- proof of English language proficiency**
- three letters of recommendation (optional)

*Note: An explanation of the applicant's basic skills in economics, accounting, statistics, computer use and some experience or knowledge in an area related to agribusiness should be addressed in the statement of purpose.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Complete information on the English proficiency exams and other required documents can be found on the the Division of Graduate Education's website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Please see the program website for application deadlines.

The Morrison School of Agribusiness and Resource Management awards assistantships to selected candidates. These support ongoing research and teaching activities. The awards are made on the basis of availability and according to the needs of the faculty and interests of the students. Scholarships are also available on a competitive basis for qualified candidates.

Students must fulfill both the requirements of the Division of Graduate Education and those of the W.P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness
<http://wpcarey.asu.edu/masters-programs>
MCRD 350
wpcareymasters@asu.edu
480-965-3332

Business Administration (Accountancy), PHD (BAACCTPHD)

Online Degree Search Title: Accountancy (PhD)

Campus: Tempe

Program Description:

The objective of the PhD program in business administration with a concentration in accountancy is to prepare scholars to conduct high-quality research and to teach in the fields of:

- auditing
- financial accounting
- managerial accounting
- taxation

This program allows students to develop the capability to review, analyze, conduct and publish research through a series of research seminars, theory-building and statistical course work 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 hours of dissertation and 72 hours of course work and research. Students may not apply credit hours earned for a doctoral degree previously awarded at 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 among doctoral studies include financial and managerial accounting, auditing and taxation. With 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 course work. A maximum of 12 approved graduate credit hours can be transferred to satisfy program requirements.

Comprehensive Examinations

Upon completion of all necessary course work 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 may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the vice provost for the Division of Graduate Education 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 a summer session) in which the student defends the dissertation.

Note: For detailed information regarding the university's doctoral degree requirements, please refer to the Division of Graduate Education policy and procedures for a Doctor of Philosophy.

Maximum Time Limit

Doctoral students must complete all program requirements within a 10-year period. The 10-year period starts with the initial enrollment into the doctoral program. In addition, the student must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. Any exception must be approved by the supervisory committee and the vice provost for Graduate Education and ordinarily involves repetition of the comprehensive examinations.

Admission Requirements:

All applicants must submit the online graduate admission application.

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.

The Division of Graduate Education admits or denies each applicant and notifies them in writing.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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 objective of the PhD in business administration with a concentration in agribusiness is to produce scholars who are trained in the latest methods of business and economic analysis and who can apply these methods to address critical research problems in a vital sector of the global economy. The program is a full-time residential program where graduates are expected to assume research and teaching positions at top-ranked universities.

Agribusiness doctoral students 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

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 hours (which may include research credit) of the approved doctoral program and 12 dissertation hours must be completed after admission to the student's doctoral program. Students may not apply credit hours earned for a doctorate previously awarded at 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 that consists of three elements:

- a core of theory and quantitative methods course work in economics and management from the Morrison School of Agr business
- advanced courses in at least one of these areas from the W. P. Carey School of Business: economics, finance, marketing, supply chain management or management
- a three-course sequence of doctorate-level theory and methods from the Morrison School of Agr business as applied to issues and concepts specific to the agr business sector

The agr business 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 course work on a student's approved program of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examinations. The comprehensive examination consists of a minimum of a written exam; 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 vice provost for Graduate Education 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.

Note: For detailed information regarding the university's doctoral degree requirements, please refer to the Graduate Education Policies and Procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within a 10-year period. The 10-year period starts with the initial enrollment into the doctoral program. In addition, the student must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. Any exception must be approved by the supervisory committee and the vice provost for Graduate Education and ordinarily involves repetition of the comprehensive examinations.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- official GRE general exam or GMAT scores
- personal statement*
- current curriculum vitae
- three letters of recommendation
- proof of English language proficiency**

*Note: An explanation of the applicant's goals should be addressed in the statement.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Complete information on the English proficiency exams and other required documents can be found on the Division of Graduate Education's website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Please 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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 (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 W. P. Carey PhD in business administration degree program. The objective of the full-time program is to prepare scholars for careers at leading research-focused educational institutions. This program allows students to develop the capability to review, analyze, conduct and publish research through a series of seminars and additional supporting course work. In addition, doctoral students participate in ongoing research projects in conjunction with faculty members in the department.

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 course work beyond the bachelor's degree. A minimum of 42 hours of doctoral course work and 12 hours of dissertation credits 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 course work 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 may also be required.

Candidacy:

Doctoral students are notified of achieving candidacy status by receipt of a letter from the dean of the Division of Graduate Education 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.

Note: For detailed information regarding the university's doctoral degree requirements, please refer to the Division of Graduate Education policies and procedures.

Maximum Time Limit:

Doctoral students must complete all program requirements within a 10-year period. The 10-year period starts with the initial enrollment into the

doctoral program. In addition, students must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. Any exception must be approved by the supervisory committee and the dean of the Division of the Graduate Education and ordinarily involves repetition of the comprehensive examinations.

Admission Requirements:

All applicants are required to submit the online graduate admission application and the supplemental application materials required by the department.

Doctoral applicants admitted to the W. P. Carey School of Business must have demonstrated the following proficiencies:*

- competency in mathematics
- strong quantitative ability
- competency in the use of computer technology for analytical purposes
- an undergraduate degree in a related field from an accredited university
- GMAT score
- proof of English proficiency**

*A master's degree or MBA is recommended (30 credits may count toward the minimum total of 84 hours of course work in the doctoral program). At least two years of full-time related work experience is recommended.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. International applicants whose native language is not English must submit scores from the Test of English as a Foreign Language (TOEFL). For more information on requirements, please review the program's website. Please also review the Division of Graduate Education website for specific ASU admission requirements.

Applications are reviewed by the department's faculty committee using a portfolio approach. The committee will review each individual application and examine all parts equally.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of

Business Administration

<https://wpcarey.asu.edu/information-systems-degrees/doctoral/overview>

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, 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 understanding and critical analysis of current issues in finance.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 hours (which may include research credit) of the approved doctoral degree program and 12 dissertation 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 another institution toward their current ASU 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 course work on a student's approved plan of study, the academic unit may initiate the scheduling and administering of a student's comprehensive examination. The comprehensive examination consists of a 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 when they receive a letter from the dean of the Division of Graduate Education 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 summer session) in which the student defends the dissertation.

Note: For detailed information regarding the university's doctoral degree requirements, please refer to the Division of Graduate Education's Doctor of Philosophy policy and procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within a 10-year period. The 10-year period starts with the initial enrollment into the doctoral degree program. In addition, the student must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. Any exception must be approved by the supervisory committee and the dean of the Division of Graduate Education and ordinarily involves repetition of the comprehensive examinations.

Admission Requirements:

Admission to the PhD program in business administration with a concentration in finance 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. A TOEFL speak score of 26 is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

In addition to the general requirements of the Division of Graduate Education, applicants must submit:

- an online graduate admission application
- three academic letters of recommendation
- scores from the GMAT or GRE
- a brief statement of their career objectives
- a resume

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.

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 (Management), PHD (BAMGMTPHD)

Online Degree Search Title: Management (PhD)

Campus: Tempe

Program Description:

The Department of Management and Entrepreneurship offers students the opportunity to obtain a PhD in business administration with a concentration in management. 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 mission of the program is the development of 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 hours (which may include research credit) of the approved doctoral program and 12 dissertation 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 doctoral degree. 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 hours of course work 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; we provide a great deal of individual attention and mentoring to our students.

Comprehensive Examinations

Upon completion of all necessary course work 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 may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the vice provost for Graduate Education 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 MGT 795 Continuing Registration) during the semester (including summer sessions) in which the student defends the dissertation.

Maximum Time Limit

Doctoral students must complete all program requirements within a 10 year period. The 10 year period starts with the semester and year of admission to the doctoral program. In addition, students must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. Therefore, the maximum time limit is the shortest of the following: the time period since initial enrollment (10 year time limit) or the time after passing the comprehensive exams (five year time limit).

Any exception must be approved by the supervisory committee and the vice provost for the Division of Graduate Education and ordinarily involves repetition of the comprehensive examinations.

Admission Requirements:

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 the Division of Graduate Education. The Division of Graduate Education admits or denies each applicant and notifies them in writing.

All applicants must submit:

- the online graduate admission application
- GMAT scores and prior academic performance records
- three letters of recommendation
- a personal statement
- employment summary
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of
Business Administration
<https://wpcarey.asu.edu/management-degrees/doctoral>
BA 323
wpcareymgt@asu.edu
480-965-3431

Business Administration (Marketing), PHD (BAMARKPHD)

Online Degree Search Title: Marketing (PhD)

Campus: Tempe

Program Description:

The PhD program is for those students who want to become full-time professors at research-oriented universities. It is not intended for people who want to work in industry positions. It is a full-time program only, and students take all their courses on campus.

All students complete a core curriculum yet tailor their work to achieve personal goals. The program is designed to be completed in four to five years.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Plan of Study

At least 30 hours (which may include research credit) of the approved doctoral program and 12 dissertation 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 doctoral degree. 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 course work 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 may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of Graduate Education 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 (including summer session) in which the student defends the dissertation.

Note: For detailed information regarding the university's doctoral degree requirements, please refer to the Division of Graduate Education policies and procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within a 10-year period. The 10-year period starts with the initial enrollment into the doctoral program. In addition, students must take the final oral examination in defense of the dissertation within five years after passing the comprehensive examinations. Any exception must be approved by the supervisory committee and the dean of the Division of Graduate Education and ordinarily involves repetition of the comprehensive examinations.

Admission Requirements:

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.

The Division of Graduate Education admits or denies each applicant and notifies applicants in writing.

All applicants must submit:

- the online graduate admission application
- GMAT or GRE scores and prior academic performance records
- letters of recommendation
- a personal statement
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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:

The objective of the PhD program in business administration with a concentration in supply chain management is to prepare scholars to conduct high-quality research and teach in the field of supply chain management. Supply chain management incorporates the core areas of logistics, operations management and sourcing or purchasing.

It is a full-time residential program for students whose career goals are full-time university research and teaching. Students are trained to competently recognize SCM-related problems, frame these problems into research questions and address them in a scholarly manner. Students are required to review, analyze, conduct and publish research through a series of doctoral seminars and supplemental course work that encourages creativity and critical thinking.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program requires the completion of course work, 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 will 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 will also have the opportunity to teach courses during their doctoral program. Teaching assistantships typically will be made available during the last two years of the program. This will allow doctoral degree students to get research projects and manuscripts into the multiyear pipeline typical of accepted research articles. Through our areas of excellence, our centers and our faculty, the supply chain management program has special opportunities for industry-based research projects.

Course Work

The doctoral program consists of a minimum of 84 credit hours of approved graduate course work beyond the bachelor's degree. The department requires doctoral students to take 48 credit hours of graduate course work 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 credits can be transferred from previous graduate course work. 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 will supervise manuscript planning and writing. The bulk of the writing is to be done during the summer by the students. Faculty in the students' areas of excellence will evaluate the papers and provide detailed feedback and instructions for rewriting of papers.

Comprehensive Examinations

Upon completion of all necessary course work 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 may also be required.

Candidacy

Doctoral students are notified of achieving candidacy status when they receive a letter from the dean of the Division of Graduate Education 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.

Note: For detailed information regarding the university's doctoral degree requirements, please refer to the Division of Graduate Education's policies and procedures.

Maximum Time Limit

Doctoral students must complete all program requirements within a 10-year period.

Admission Requirements:

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. Graduate Admission Services admits or denies each applicant and notifies them in writing.

All applicants must submit:

- the online graduate admission application
- GMAT or GRE scores and prior academic performance records
- letters of recommendation
- a personal statement
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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, Online

Program Description:

Delivered by the highly ranked W. P. Carey Departments of Information Systems and Supply Chain Management, the MS in business analytics program builds on quantitative skills and develops the analytics depth needed to make an immediate impact. Students discover how to derive value from data, lead data-driven analyses and create a business advantage across markets and industries.

The nine-month, lock-step curriculum consists of eight quarter-based courses and two semester-long courses. The 16-month, lock-step curriculum consists of nine quarter based courses and one semester-long course. The program culminates in a semester-long applied project, which delivers real-world experience and develops communication and leadership abilities. One applied project course (1.5 credit hours) from each discipline will serve as the culminating experience for students completing the MS in business analytics.

Two formats are available for the master's degree program in business analytics. The program at the Tempe campus is designed for individuals who want to immerse themselves in full-time graduate studies and take classes during the day. The program is also offered entirely online and is designed for working professionals seeking to continue working full time while attending school.

Degree Requirements: 30 credit hours including the required applied project courses (SCM 593 and CIS 593), or 33 credit hours including the required applied project courses (SCM 593 and CIS 593).

core (23.5 or 24)*

CIS 505 Introduction to Enterprise Analytics (3)

CIS 508 Data Mining (3)

CIS 509 Data Mining II (3)

CIS 515 Business Analytics Strategy (3)

SCM 516 Introduction to Applied Analytics (3) or ECN 501 Statistics for Managers (2.5)**

SCM 517 Data-Driven Quality Management (3)

SCM 518 Analytical Decision Making Tools I (3) or SCM 515 Decision Models for Supply Chain Management (3)

SCM 519 Analytical Decision Making Tools II

restricted electives (3)

culminating experience (3)***

total required credit hours (30)

*Students in concurrent programs with the MS in business analytics may need to take an additional elective worth at least .5 credit hour if their core course work is 23.5 credit hours.

**If ECN 501 is taken in lieu of SCM 516, students will need to take an additional .5 credit hour worth of electives.

***Students take CIS 593 Applied Project (1.5) and SCM 593 Applied Project (1.5) for the culminating event for a total of 3 credit hours.

Concurrent Degrees:

This degree is also offered as concurrent degree with W. P. Carey MBA - Full-Time Program

Admission Requirements:

All applicants are required to submit the online graduate admission application and the supplemental application materials required by the W. P. Carey graduate programs office.

Minimum requirements for admission to the MS in business analytics program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation that comments on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- resume and essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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

Economics, PHD (BAECONPHD)

Online Degree Search Title: Economics (PhD)

Campus: Tempe

Program Description:

The PhD program in economics is a full-time program intended to prepare 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 doctoral program is relatively small in size, with about 45 doctoral students in residence at any time. The low student-faculty ratio allows us to provide greater faculty attention and mentoring compared to larger programs. Students are involved in teaching, research and seminar activities, becoming valued members of the department. Most of our doctoral students are supported through teaching and research assistantships for five years. Stipends are highly competitive with any graduate program in the country.

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

See the Department of Economics graduate student handbook for details concerning these tasks.

Admission Requirements: • Each applicant must submit an online application form, fee and other materials to Graduate Admission Services; admission guidelines are available on the Graduate Admission Services website.

- All applicants to the doctoral program in economics must have a bachelor's degree or equivalent.
- The Department of Economics requires applicants to send official scores from the GRE. Applications will not be reviewed until the GRE scores are received.
- Applicants are required to submit at least three letters of recommendation to the director of graduate studies in the Department of Economics.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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.

Please see the program website for application deadlines and admission terms.

Contact Information:

Business, W. P. Carey School of

Department of Economics

<https://wpcarey.asu.edu/economics-degrees/doctoral>

CPCOM 412

wpcareyecn@asu.edu

480-965-3531

Finance, MS (BAFINMS)

Online Degree Search Title: Finance (MS)

Campus: Tempe

Program Description:

The W. P. Carey MS in finance at Arizona State University delivers a leading-edge curriculum balanced between finance, and asset and portfolio management. Graduates of this program will be prepared for a range of career opportunities, including corporate finance, risk management, money management, financial planning, investment banking, consulting or real estate.

The master's degree in finance is one of the few advanced finance degrees offered by a top-ranked business school, offering a distinctive foundation in business and finance. Students will have access to world-renowned faculty, motivated classmates and personalized career resources. The program may be completed in nine months with classes taken on campus during the day.

Degree Requirements: 32 credit hours including a capstone course (FIN 575).

The master's degree in finance curriculum is composed of 12 courses. The schedule will follow the seven-week quarterly schedule of the MBA program.

Required Core Courses:*

ACC 502 Financial Accounting (2.5 or 3)
ECN 501 Statistics for Managers (2.5 or 3)
ECN 502 Managerial Economics (2.5 or 3)
FIN 502 Managerial Finance (2.5 or 3)
FIN 525 Investment Strategies (2.5)
FIN 530 Derivatives (2.5)
FIN 545 Advanced Corporate Finance (2.5)
FIN 550 Fixed Income (2.5)
FIN 555 Entrepreneurial Finance (2.5)
FIN 560 International Finance and Investments No (2.5)
FIN 565 Risk Management in Banks and Financial Institutions (2.5)

Culminating Experience:

FIN 575 Finance Capstone (2.5)

*To account for the difference in the numbers of credit hours offered in the core courses, up to two additional credit hours of electives may be required."

Concurrent Degrees:

This degree is also offered as concurrent degree with W. P. Carey MBA - Full-Time Program

Admission Requirements:

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 from undergraduate programs with quantitative underpinnings at either ASU or other universities. Typical undergraduate majors are expected to include business and management, economics, statistics, computer science and other types of science, engineering, technology and mathematics degree areas.

Students must complete the online application form to apply to Graduate Admission Services for admission to the program. They must also submit the following:

- official transcripts of all course work completed at institutions other than ASU
- GMAT
- one letter of recommendation
- essays
- resume
- proof of English language proficiency

GPA and Minimum Qualifications: All applicants must submit a GMAT test score. The average GMAT target is 650 to 675 (similar to peer programs). Applicants should expect to score above 600 on the GMAT to be competitive.

Applicants must have maintained a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semester hours or 90 quarter hours of undergraduate course work.

English Proficiency Requirement: The English proficiency requirement is the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Exam: No

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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:

To accelerate China's pace of global integration, the W. P. Carey School of Business at Arizona State University and Shanghai Advanced Institute of Finance have jointly launched a DBA in global financial management in China. The Doctor of Business Administration is an applied research professional degree program designed for senior corporate leaders and government officials in China seeking a terminal degree alternative to the traditional PhD. The leaders emerging from this program will 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.

This degree is only offered in China.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

credit hours from an awarded master's degree (30)

required core (27)

electives (6)

required research (9)

DBA 799 Dissertation (12)

Admission Requirements: • minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program, with a minimum GPA of 3.00 required in the master's degree work for acceptance into the DBA program

• minimum of a graduate degree from a regionally accredited college or university of recognized standing in a related field such as Master of Business Administration, Master of Economics, Master of Finance, Master of Accountancy or related field of specialization in business

English proficiency requirement is not required.

This degree is only offered in China. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/international-programs/china/english/DBA/overview>
BA 252B
WPCareydba@asu.edu
480-965-6635

Global Logistics, MS (BAGLSMS)

Online Degree Search Title: Global Logistics (MS)

Campus: Tempe

Program Description:

The W. P. Carey School of Business MS in global logistics is delivered by the highly ranked W. P. Carey Department of Supply Chain Management and provides deep expertise in global logistics and unique insight into emerging markets.

The nine month, full-time curriculum with courses offered during the day, provides specialized knowledge and practical perspectives on global operations, logistics and multicultural perspectives, thus preparing graduates for a growing career field. Students will have access to world-renowned faculty, motivated classmates and personalized career resources.

Degree Requirements: 30 credit hours including the required applied project course (SCM 593).

The program curriculum is composed of 10 courses, including one course that serves as the applied project. The schedule will follow a combination of ASU scheduling options. Three courses will follow schedule C and will have a semester-long duration. The other seven courses will follow the 7.5 week quarterly schedule of the MBA program. Those courses will require some online and extra class time to meet the 40 contact hour standard of The Association to Advance Collegiate Schools of Business.

Required Core Courses for the Degree:

MGT 400 Cross-Cultural Management (3) or MGT 411 Leading Organizations (3)
SCM 502 Operations and Supply Management (3)
SCM 515 Decision Models for Supply Chain Management (3)
SCM 516 Introduction to Applied 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:

SCM 593 Applied Project (3)

Admission Requirements:

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 students who have strong quantitative skills and seek to adapt those skills to be more competitive in the job market. Typical undergraduate majors are expected to include business and management majors, computer information systems, economics and other types of global studies or similar degree areas.

Students must complete the online graduate admission application to apply for admission to the program. They must also submit the following:

- essays
- GMAT or GRE test scores
- official transcripts of all course work completed at institutions other than ASU
- one letter of recommendation
- resume

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the W. P. Carey School of Business.

GPA and Minimum Qualifications: Applicants must have maintained a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semester hours or 90 quarter hours of undergraduate course work.

Required Admission Examinations: All applicants must submit either the GMAT or GRE. For more information on GMAT, please visit <http://www.mba.com> (<http://www.mba.com>). For GRE, please visit <http://www.ets.org/gre> (<http://www.ets.org/gre>). Applicants should expect to score above 600 on the GMAT to be competitive.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Exam: no

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 Management, MS (BAINFOMS)

Online Degree Search Title: Information Management (MS)

Campus: Tempe, Online

Program Description:

The MS in information management is a degree program designed for working professionals offered in an evening or online format. The W. P. Carey School of Business information management program will prepare students to manage in an information technology environment. Students will also learn the business skills needed to leverage IT and gain a competitive advantage in the global economy.

The evening master's degree is a 12 month program and the online master's degree is a 16 month program. Both the evening and online master's programs feature integrated course work in a case-based and team-oriented environment, allowing students to collaborate and leverage the experience of their peers.

The W. P. Carey MSIM program that is offered on the Tempe campus has been designated by the U.S. Immigration and Customs Enforcement agency within the Department of Homeland Security as a STEM eligible degree program (CIP code 52.1301). The STEM designation allows eligible graduates on student visas access to an Optional Practical Training (OPT) extension (<https://students.asu.edu/international/support/opt> target="_blank"), up to 29 months, as compared to 12 months for non-STEM degrees. The longer work authorization term may help international students gain additional real-world skills and experience in the U.S.

Degree Requirements: 30 credit hours including the required applied project course (CIS 593 or SCM 593 or MKT 580 or FIN 591), or MSIM/MBA Dual Degree: 30 credit hours and an applied project.

The Master of Science in information management is offered in a 12 month evening format or 16 month online format. The program requires 30 credit hours of course work and an applied project.

With an innovative curriculum that deepens the synthesis of information, technology and business, the W. P. Carey School of Business master's degree in information management combines the best of both worlds --- a leading-edge information management education and one of the nation's top-ranked business schools. Please access the program website for a list of courses.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

Legal Studies (MLS)

W. P. Carey MBA - Full-Time Program

Admission Requirements:

All applicants are required to submit the online graduate admission application and the supplemental application materials required by the department.

Minimum requirements for admission to the Master of Science in information management program are:

- two years of full-time related work experience
- an undergraduate degree in a related field from an accredited university
- completed prerequisite college-level courses or equivalent experience in statistics, brief calculus and a programming language
- resume and essays
- two letters of recommendation
- English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website. The GMAT exam is not required.

Applicants must fulfill both the requirements of the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/masters-programs/information-technology>

MCRD 350

wpcareymasters@asu.edu

480-965-3332

Management, MS (BACMRMS)

Online Degree Search Title: Management (MS)

Campus: Tempe

Program Description:

Arizona State University's W. P. Carey School of Business MS in management 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. It is also designed to bridge the gap between academic preparation and real-world business applications.

Graduates of this program will have 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 course work is completed in one year, giving a broad overview of the essentials of managerial decision-making.

Classes begin each fall semester in August and are offered on the Tempe campus.

Degree Requirements: 36 credit hours including the required applied project course (MGT 593).

The following courses are required:

ACC 502 Financial Accounting
ACC 503 Managerial Accounting
ECN 501 Managerial Statistics
ECN 502 Managerial Economics
FIN 502 Managerial Finance
LES 582 Ethical Issues for Managers
MGT 502 Organization Theory and Behavior
MGT 588 Strategic Leadership
MGT 591 Topic: Business Communications
MGT 591 Topic: Consulting Project Capstone
MGT 591 Topic: Negotiations
MGT 594 Career Leadership
MKT 502 Marketing Management
SCM 502 Operations and Supply Chain Management
SCM 587 Project Management

Concurrent Degrees:

This degree is also offered as concurrent degree with Legal Studies (MLS)

Admission Requirements:

All applicants are required to submit the ASU graduate admission online application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

Minimum requirements for admission to the MS in management program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation that comments on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs

<https://wpcarey.asu.edu/masters-programs/management>

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, the participant will be granted an ASU Master of Science in Management degree through the W. P. Carey School of Business.

The curriculum is designed to leverage participants' existing strengths in a chosen management concentration and at the same time 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. The curriculum also prides itself on 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 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, with a concentration 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 Division of Graduate Education. As a lock-step program, there will be 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" (3.00 on a scale of 4.00) or higher 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.

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 Development, MREDev (ARREMREDEV)

Online Degree Search Title: Real Estate Development (MRED)

Campus: Tempe

Program Description:

The Arizona State University's MRED is one of the leading programs offered through the nationally ranked and recognized W. P. Carey School of Business, in partnership with the Sandra Day O'Connor College of Law, the Herberger Institute for Design and the Arts, and the Del E. Webb School of Construction. The program offers a truly transdisciplinary approach to real estate development education through a full-immersion curriculum that explores the development process in its entirety.

The program partnerships are the key to encompassing all facets of the real estate development process. Students receive core knowledge through a transdisciplinary curriculum that offers real-world application through synthesis projects utilizing actual locations with variable situations.

During the one-year program, students learn how to locate, analyze and consider the physical, legal, economic, political and financial conditions impacting the use of property and the critical analysis required for a successful project. Graduates of the program are prepared to undertake mid- and senior-level management responsibility for small to large development and investment companies. They enter the real estate development industry with a keen awareness of developing projects that are financially viable, economically desirable, politically acceptable, environmentally respectful, socially responsible and contextually and artfully designed.

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.

Foreign Language Requirements: None.

Thesis Requirements: None.

All students must successfully complete the final synthesis project requirement established by the W. P. Carey School of Business and the Division of Graduate Education 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" (3.00) or higher satisfy the culminating experience requirement.

Concurrent Degrees:

This degree is also offered as concurrent degree with Legal Studies (MLS)

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office. Complete application instructions may be obtained from the department's website.

Minimum requirements for admission to the master's degree program in real estate development are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores*
- one letter of recommendation that comments on student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency**

*MCAT or LSAT scores can be accepted in lieu of GMAT or GRE.

**Proof of English proficiency is required for an applicant whose native language is not English (regardless of current residency).

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/real-estate-development>
MCRD 350

Supply Chain Management (certificate), Certificate (BASCMCERT)

Online Degree Search Title: Supply Chain Management (Grad Certificate)

Campus: Online

Program Description:

The certificate is composed of five, three-credit online courses in supply chain management, each five weeks in length. The content of the courses is tightly integrated and offers a comprehensive coverage of core topics in supply chain management. The intended audiences for the 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, and they 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).

The following courses are required for this certificate:

SCM 502 Operations and Supply Management (3)

SCM 520 Strategic Procurement (3)

SCM 521 Supply Management and Negotiation (3)

SCM 532 Supply Chain Cost and Design Issues (3)

SCM 541 Logistics in the Supply Chain (3)

Admission Requirements:

All applicants must submit the online graduate admission application and meet the Division of Graduate Education admission requirements. In addition, applicants should have a minimum of two years of full-time work experience.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of

WPC Graduate Programs

<https://wpcarey.asu.edu/executive-education>

MCRD 460

wpcarey.execed@asu.edu

480-965-7579

Supply Chain Management and Engineering, MS (BASCMEMS)

Online Degree Search Title: Supply Chain Management and Engineering MS

Campus: Online

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 that 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, Informatics and Decision Systems Engineering in the Ira A. Fulton Schools of Engineering.

Most students will 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 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).

core course credit hours (27)

culminating experience: SCM 593 Applied Project (3)

Admission Requirements:

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 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.

Students must complete the online graduate admission application for admission to the program. They must also submit the following to the W. P. Carey School of Business:

- resume
- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- personal statement
- one letter of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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, MTax (BATAMTAX)

Online Degree Search Title: Taxation (MTax)

Campus: Tempe

Program Description:

The MTax program is a specialized degree program designed to equip students with the highly technical and demanding skills required to provide tax and business advice in the private and public sectors. An esteemed faculty of practitioners and experienced accounting professionals deliver deep knowledge through the innovative, practical curriculum. The W.P.Carey MTax program prepares students for a career in the private and public sector, fulfilling the coursework requirements for CPA certification in either Arizona or California.

The nine-month master's degree program is delivered by the highly ranked W. P. Carey School of Accountancy and is designed for individuals who want to immerse themselves in full-time graduate studies and take classes during the day.

Degree Requirements: 30 credit hours including the required capstone course (ACC 589).

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 (August to May). Applicants must complete program prerequisites prior to admission to the program. Please refer to the W. P. Carey 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.

Concurrent Degrees:

This degree is also offered as concurrent degree with:
Legal Studies (MLS)
W. P. Carey MBA - Full-Time Program

Accelerated Degrees:

This degree is also offered as an accelerated degree with Accountancy, BS
Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

The minimum requirements for admission to the Master of Taxation program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT test scores
- one letter of recommendation that comments on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/masters-programs/accounting-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: Tempe

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 MBA 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: 48 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 online graduate admission application, meet the Division of Graduate Education admission requirements, and meet the guidelines established by the custom corporate MBA program.

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 - Weekend Program

Campus: Tempe

Program Description:

The purpose of the W. P. Carey MBA is to provide a solid foundation and knowledge base in the core business disciplines, to develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions. The curriculum is delivered in a case-based,

team-oriented and discussion learning environment. Elective courses provide additional depth and breadth to enhance an area of emphasis, students' knowledge base and career goals. The weekend MBA is designed for working professionals seeking to continue working full-time while attending school. The program starts each January and is completed in 19 months.

The MBA program is supported by each of the eight academic units within the W. P. Carey School of Business.

Degree Requirements: 48 credit hours including the required capstone course (MGT 589).

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 MBA program or taken while enrolled in another MBA 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. The program is completed in 19 months.

core (1.5)

LES 582 Ethical Issues for Managers (1.5)

electives and research (31.5)

culminating experience (3)

Capstone: MGT 589 Strategic Management (3)

comprehensive examination

All students must successfully complete the comprehensive requirement established by the school of business and the Division of Graduate Education for the MBA. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00) or higher satisfy the comprehensive examination requirement.

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

Minimum requirements for admission to the MBA weekend program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- two letters of recommendation that comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/mba-programs>
MCRD 350
wpcareymasters@asu.edu

W. P. Carey MBA, MBA (BAEVENMBA)

Online Degree Search Title: W. P. Carey MBA - Evening 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, to develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions. The curriculum is delivered in a case-based, team-oriented and discussion learning environment. Elective courses and technical certificates provide additional depth and breadth, to enhance an area of emphasis, students' knowledge base and career goals. The evening MBA is designed for working professionals seeking to continue working full time while attending school. The program starts in August and is completed in 21 months.

The MBA program is supported by each of the eight academic units within the W. P. Carey School of Business.

Degree Requirements: 48 credit hours including the required capstone course (MGT 589).

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 MBA program or taken while enrolled in another MBA 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.

core (1.5)

LES 582 Ethical Issues for Managers (1.5)

electives (43.5)

culminating experience (3)

Capstone: MGT 589 Strategic Management (3)

Comprehensive Examination

All students must successfully complete the comprehensive requirement established by the school of business and the Division of Graduate Education for the MBA. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00) or higher satisfy the comprehensive examination requirement.

Concurrent Degrees:

This degree is also offered as concurrent degree with Legal Studies (MLS)

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

Minimum requirements for admission to the MBA evening program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- two letters of recommendation that comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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 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 analytic capabilities and decision-making and leadership skill sets to effectively integrate decisions into the business environment. The executive MBA is designed for managers who have significant experience managing people, projects and budgets. Classes begin in the fall and meet twice monthly on Fridays and Saturdays. This allows the opportunity to minimize time away from work and maximize time for studying and class preparation, and is flexible enough to accommodate travel for students who are regional as well as local. The executive MBA is completed in 21 months.

The MBA program is supported by each of the eight academic units within the W. P. Carey School of Business. Curriculum information can be found on the school website.

Degree Requirements: 48 credit hours including the required capstone course (MGT 589).

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 MBA program or taken while enrolled in another MBA 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.

core (1.5)

LES 582 Ethical Issues for Managers (1.5)

electives and research (43.5)

culminating experience (3)

Capstone: MGT 589 Strategic Management (3)

Comprehensive Examination

All students must successfully complete the comprehensive requirement established by the school of business and the Division of Graduate Education for the MBA. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00) or higher satisfy the comprehensive examination requirement.

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

Required materials to be reviewed for admission to the program include:

- official transcripts of all course work completed at institutions other than ASU
- current resume
- two letters of recommendation that comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- essays
- personal interview, by invitation only
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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:

The new full-time MBA curriculum rises to meet the rapid changes and new realities in business. By rethinking the way the world does business, the W. P. Carey School of Business is rethinking the way it is taught. Success in the future can't rely solely on where we've been --- the road ahead needs a forward focus. The full-time MBA 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 MBA curriculum is rooted in transformation, of both the students and of business as we know it. As the world continues to evolve faster and unpredictably, students need an MBA that can prepare them to lead through uncertainty.

The MBA program is supported by each of the eight academic units within the W. P. Carey School of Business.

Degree Requirements: 48 credit hours including the required capstone course (MGT 589).

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 courses taken prior to admission to the MBA program or taken while enrolled in another MBA 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.

core (1.5)

LES 582 Ethical Issues for Managers (1.5)

electives (55.5)

Comprehensive Examination

All students must successfully complete the comprehensive requirement established by the school of business and the Division of Graduate

Education for the MBA. The comprehensive culminating experience is integrated with capstone course MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00) or higher satisfy the comprehensive examination requirement.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Accountancy (MAcc)
- Architecture (MArch)
- Business Analytics MS
- Finance (MS)
- Information Management (MS)
- Juris Doctor (JD)
- Legal Studies (MLS)
- Taxation (MTax)

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

Minimum requirements for admission to the MBA full-time program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- two letters of recommendation that comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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 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, to develop analytic capabilities, decision-making and leadership skill sets essential to making sound business decisions. The curriculum is delivered in a case-based, team-oriented learning environment. Elective courses provide additional depth and breadth to enhance an area of emphasis, students' knowledge base and career goals. The online MBA 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 MBA program is supported by each of the eight academic units within the W. P. Carey School of Business. Curriculum information can be found on the school website.

Degree Requirements: 48 credit hours including the required capstone course (MGT 589).

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 MBA program or taken while enrolled in another MBA 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 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.

core (1.5)

LES 582 Ethical Issues for Managers (1.5)

electives (43.5)

culminating experience (3)

Capstone: MGT 589 Strategic Management (3)

Comprehensive Examination

All students must successfully complete the comprehensive requirement established by the school of business and the Division of Graduate Education for the MBA. The comprehensive culminating experience is integrated with MGT 589 Strategic Management. Students passing this course with a grade of "B" (3.00) or higher satisfy the comprehensive examination requirement.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

Electrical Engineering (MSE)

Industrial Engineering (MS)

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the W. P. Carey Graduate Programs Office.

Minimum requirements for admission to the full-time MBA program are:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- two letters of recommendation that comment on the student's motivation, commitment, achievements, work experience and opportunity for success in the program
- current resume
- essays
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Complete application instructions may be obtained from the department's website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the W. P. Carey School of Business.

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 W. P. Carey School of Business at Arizona State University is directly involved in the development of top leadership in China. In 2003, the

executive MBA 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.

The business leaders emerging from this program will 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.

This degree is only offered in China.

Degree Requirements: 48 credit hours including the required capstone course (MGT 589).

The curriculum consists of 12 courses. It is based on the integration of core management principles, with an immersion in accounting, finance, 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 curriculum also prides itself on its 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 will be 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 MBA established by the school of business and the Division of Graduate Education. 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 is only offered in China. All applicants are required to contact the program coordinator before submitting the online graduate admission application.

Contact Information:

Business, W. P. Carey School of
WPC Graduate Programs
<https://wpcarey.asu.edu/international-programs/china/english/EMBA/overview>
MCRD 375DD
chinaemba@asu.edu
480-965-4203

Design & the Arts, Herberger Institute for

Architecture, MArch (ARARCMARCH)

Online Degree Search Title: Architecture (MArch)

Campus: Tempe

Program Description:

The MArch is an accredited professional degree program at ASU. There are two programs of study available:

- a two-year program for applicants who have completed the four-year BSD in architectural studies at ASU or an equivalent degree from another school that offers an accredited professional degree in architecture
- a three-plus-year program for applicants with an undergraduate degree in a discipline or field other than architecture

Both programs promote broad areas of knowledge, professional skill and a social awareness that the architect must command if architecture is to enhance contemporary life and remain an enduring and valid expression of society.

Degree Requirements: 56 credit hours including the required capstone course (ADE 622), or 78 credit hours including the required capstone course (ADE 622).

Two-year program

Requirements involve an average of 14 credit hours per semester. A summer internship is required after the first full year of study.

Students who can adequately demonstrate competence through experience or previous academic course work for any of the specific requirements outlined below are encouraged to petition the graduate coordinator for a course substitution.

Typical Plan of Study

First Year

Fall

ADE 521 Advanced Architectural Studio I (5)
ATE 553 Building Systems III (3)
ATE 563 Building Structures III (3)
ATE 598 Sustainability of the Built Environment (3)

Spring

ADE 522 Advanced Architectural Studio II (5)
APH 505 Foundation Theory Seminar (3)
ATE 556 Building Development (3)
Design Professional Elective (3)*

Summer

ARP 584 Clinical Internship (3) or ARP 598 ST: Arch Professional Practice

Second Year

Fall

AAD 515 Current Issues and Topics (3)
ADE 621 Advanced Architectural Studio III (5)
Design Professional Elective (3)*
Design Professional Elective (3)**

Spring

AAD 652 Architectural Management II (3)
ADE 622 Advanced Architectural Studio IV (5)
Design Professional Elective (3)**

*The list of Herberger design electives can be found on the Herberger Institute for Design and the Arts website.

**The elective can be taken outside the college with graduate coordinator approval.

Three-plus-year program

The three-plus-year graduate program requires 24 credit hours of proficiency course work in addition to the master's degree-level course work, which make up the total number of 102 credit hours of approved courses and electives. For most students, this program involves 15 credit hours in the first summer and 14 to 15 credit hours in each of the subsequent six semesters. A summer internship is required after the second full year of study.

Students who can adequately demonstrate previous academic course work for any of the proficiencies are encouraged to petition the graduate coordinator for a course waiver.

Typical Plan of Study

Note: Courses shown in boldface are considered deficiencies and do not count toward the official plan of study.

First Year

Summer

ADE 510 Foundation Architectural Studio (6)
ALA 236 Computers in Landscape Architecture (3)

APH 509 Foundation Seminar (3)

Fall

ADE 511 Core Architectural Studio (6)

APH 313 History of Architecture I (3)

ATE 361 Building Structures I (3)

ATE 451 Building Systems I (3)

Spring

ADE 512 Core Architectural Studio (6)

APH 314 History of Architecture II (3)

ATE 452 Building Systems II (3)

ATE 462 Building Structures II (3)

After the first summer and academic year, the three-plus-year curriculum merges with the two-year curriculum, and they become the same course of study.

Concurrent Degrees:

This degree is also offered as concurrent degree with W. P. Carey MBA - Full-Time Program

Admission Requirements:

Admissions Requirements to the Two-Year Program

Applicants must meet the following requirements:

- Complete an online graduate admission application and hold an undergraduate or graduate degree from a college or university recognized by ASU.
- Hold a bachelor's degree (or equivalent) in architectural studies or similar preprofessional degree in architecture. The bachelor's degree must be granted by an institution that offers the National Architectural Accrediting Board accredited degree program in architecture.
- Meet the minimum GPA requirements as established by the Division of Graduate Education.
- Provide an official copy of GRE scores (unofficial copies will not be accepted). For more information, visit the GRE website or <https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).
- International students are required to submit an official Test of English as a Foreign Language (TOEFL) score. 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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information of three references must also be submitted via SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the graduate application requirements.

Admissions Requirements to the Three-Year Program

Applicants must meet the following requirements:

- Complete an online graduate admission application and hold an undergraduate or graduate degree from a college or university recognized by ASU.
- Hold a bachelor's degree (or equivalent) in a field other than architectural studies.
- Meet the minimum GPA requirements as established by the Division of Graduate Education.
- Provide an official copy of GRE scores (unofficial copies will not be accepted). For more information, visit the GRE website or <https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).
- International students are required to submit an official Test of English as a Foreign Language (TOEFL) score. 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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information of three references must also be submitted via SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the Division of Graduate Education 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 two-year program with deficiencies if their previous course work is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Please 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://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 Herberger Institute School of Art MFA program seeks to provide a stimulating and challenging environment for artistic and intellectual growth. We recognize contemporary art practice may emerge from within a distinct material practice but usually involves working across a variety of media and methods. As a result, prospective students select an area of focus for their creative research and studio activity but can expect to develop their own path through curriculum, availing themselves of human and facilities resources throughout the program. Areas of focus may be chosen from among a range of media and methods including:

- ceramics
- drawing
- fiber arts
- intermedia
- metal arts
- painting
- photography
- printmaking
- sculpture
- wood arts

With the realization that discipline, familiarity with historical precedents and freedom go hand in hand, the program strives to strike a balance between supporting the acquisition of skills and technique and encouraging independence, innovation and critical reflection. Responsibility is placed on the individual student to find personally meaningful content and an effective means to express that content within and across the art disciplines. Graduate students enjoy studio spaces determined by their area of focus, engaged creative research with faculty and access to graduate facilities.

Partnerships with the ASU Art Museum collections and staff, a strong guest artist schedule and other special professional development opportunities enhance the program.

Further information can be found in the program description on the school webpage.

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:

- 10 to 15 hours of ART 680 Practicum, resulting in an MFA exhibition
- 18 to 27 graduate studio credit hours
- at least six credit hours of graduate-level academic course work
- nine to 18 credits of graduate-level ART seminars
- six credits of required courses in Contemporary Art Theory (3) and Cross-Practice Critique (3)

Admission Requirements:

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 Division of Graduate Education.

- All applicants must complete the online graduate admission application.
- A bachelor's degree from a regionally accredited college or university recognized by ASU is required.
- Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's program is required.
- The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English, regardless of current

residency: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applications include the following components:

- current resume or curriculum vitae
- portfolio of 20 images sized with a maximum dimension of 1024 pixels; video files less than 60MB each; and accompanied by an image list
- statement of intent not exceeding 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
- three letters of recommendation 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 with the application to the Division of Graduate Education.

The method for submission is online via SLIDEROOM: <https://asuherberger.slideroom.com>. (<https://asuherberger.slideroom.com>) Applicants may upload images (.jpg), video (.mov, .wmv, .flv), music (mp3) or PDF documents. Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for

School of Art

<http://art.asu.edu/admissions/grad/applying/mfa.php>

ART 102

soagrad@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, studio, visual culture, development and context. The degree program culminates with an original thesis study proposed and carried out by the student. Thesis studies may be conducted in a range of contexts where art learning takes place, such as K-12 art classrooms, art centers and museums, university studios or in a teacher's own classroom.

Degree Requirements: 30 credit hours, a thesis and a written comprehensive exam (qualifying research proposal).

The degree program requires:

18 hours of core courses

six hours of special topics on research related to integrating the teaching of studio art, art history and criticism or aesthetics

six hours of research and thesis

To meet the core requirements, students must take the following core courses:

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)

Before the end of the first semester of course work (six or more credit hours), a plan of study must be submitted to the Division of Graduate Education. Additional program requirements are indicated in the guidelines for the master's degree in art education.

Admission Requirements:

All applicants must submit an online graduate admission application. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

An applicant 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 hours of art history and six hours of art education. Additional hours may be required by the school.

An applicant must have a GPA of at least "B" (3.00) in undergraduate course work during the junior and senior years. Applicants who do not meet these requirements must submit scores from the MAT or the GRE.

Applicants should submit:

- a formal art education research paper for review
- resume*
- statement of intent
- two letters of recommendation

*The resume should demonstrate how professional experience will help the student succeed in this program.

Please see the program website for application deadlines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/arted/>
ART 102
soagrad@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. It offers a diverse curriculum intended to foster critical understanding of aesthetics, production, patronage and consumption of art. Eleven internationally recognized faculty members offer classes across 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. The graduate curriculum offers focused study in the areas of images and digital technologies, art in social and political contexts, and histories and theories of visual culture.

Degree Requirements: 30 credit hours, a thesis and a foreign language exam.

This program must include a minimum of 21 hours in art history, with at least 12 of these earned in 500-level seminars. At least one course must be taken in each of the four core areas:

- ancient and medieval
- Asian, Native American, pre-Columbian
- modern
- renaissance and baroque

Satisfactory completion of ARS 501 Methodologies and Art History is required during the first semester of residence. The remaining hours include ARS 599 Thesis, approved electives and other courses specified by the faculty.

Admission Requirements:

Please see the program website for application deadlines and admission terms.

- All applicants must submit an online graduate admission application.
- Applicants must have a bachelor's degree from a regionally accredited university with 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.
- GRE scores must be submitted in support of the application, along with three letters of recommendation.
- Applicants should submit one formal research paper for review.
- Applicants should submit a one-page statement of intent indicating their objectives for graduate study.
- An applicant whose native language is not English (regardless of their current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/arhistory/>
ART 102
soagrad@asu.edu
480-965-8521

Art (Digital Technology), MFA (FADIGITMFA)

Online Degree Search Title: Art (Digital Technology) (MFA)

Campus: Tempe

Program Description:

The MFA in art with a concentration in digital technology is a program offered by the School of Art in collaboration with the School of Arts, Media and Engineering. It is a hybrid degree that combines technological and artistic goals and is designed for students with skills and experience in both realms.

Applicants will be required to demonstrate accomplishment in art and technology, particularly in having developed new digital technology for the arts. Course work will be required in both the School of Art and the School of Arts, Media and Engineering. The School of Art offers graduate-level courses in digital audio, video, photography, animation, compositing 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.

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
six credit hours of ART 621 Seminar
six credit hours of graduate-level art history
six credit hours of ART 680 Practicum and six credit hours of AME 593 Applied Project, leading either to a final thesis exhibition or an applied project

Admission Requirements:

Admission is a two-step process. Although applicants fill out one application through the online graduate application process, they must be admitted into the MFA program and to the Division of Graduate Education.

- All applicants must complete the online graduate admission application.
- A bachelor's degree from a regionally accredited college or university recognized by ASU is required.
- A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program is required.
- The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English regardless of current residency: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applications must include the following components:

- current resume or curriculum vitae
- portfolio 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
- statement of intent not exceeding 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
- three letters of recommendation 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 with the application to the Division of Graduate Education.

Applications for the digital technology concentration program must also include:

- a statement and evidence of work demonstrating digital technology skills beyond end user applications
- an art and digital technology resume

The method for submission 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. Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu>
ART 102
soagrad@asu.edu
480-965-6303

Built Environment (Energy Performance and Climate Responsive Architecture), MS (ARENERGYMS)

Online Degree Search Title: Built Environment (Energy Perf/Climate Responsive Arch) MS

Campus: Tempe

Program Description:

The MS program in the built environment with a concentration in energy performance and climate-responsive architecture educates students to become experts in energy efficient building design and energy technology. The program is concerned with the relationships between climate and site, thermal and visual comfort in buildings, and the demand and consumption of energy. 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).

First Year

Fall

ATE 521 Building Environmental Science (3)
ATE 550 Passive Heating and Cooling (3)
ATE 560 Building Energy Analysis (3)

Spring

ATE 562 Experimental Evaluation (3)
ATE 582 Environmental Control Systems (3)
ATE 598 ST: Building Energy Analysis II (3)
ATE 598 ST: Sustainability of the Built Environment (3)

Second Year

Fall

ATE 591 Seminar: Energy and Climate (1)*
ATE 599 Thesis (3-6)**

Spring

Elective (3)
ATE 599 Thesis (3-6)**

*This course is not required for the degree; however, it is a recommended elective. Three credits of electives are required.

**Thesis credits can be taken in either fall or spring semesters for a total of six credits. Completing a thesis is optional but strongly recommended; it can be substituted by an applied project of six credits (ATE 593).

Sample List of Electives:

CEE 598/SOS 598 Applied Data Analysis for Energy Scientists (3), Spring
CEE 598/SOS 598 Life Cycle Assessment for Civil Systems (3), Spring
DSC 558 Daylighting (3), Fall

A maximum of three credit hours of internship may be counted toward the electives requirement. The internship and electives have to be approved

by the academic advisor.

Admission Requirements:

All applicants must submit an online graduate admission application.

All applicants must have completed a minimum of a baccalaureate or graduate degree from a college or university recognized by ASU, 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

*See the NAAB website for more information.

**Mechanical and civil engineering and construction majors are particularly suited for application to this program.

Requirements:

- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Applicants must provide an official copy of GRE scores (unofficial copies will not be accepted). For more information, visit the GRE website or <https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).
- Additional application materials can be found online at: <http://herbergerinstitute.asu.edu/admissions/grad/applying/> (<http://herbergerinstitute.asu.edu/admissions/grad/applying/>).
- Applicants whose native language is not English (regardless of current residency) are required to submit an official TOEFL score. The minimum score for admission to the program is 80 (Internet-based) or 550 (paper-based). Other information for International applicants can be found on the Division of Graduate Education website.

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 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 Design School.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the Herberger Institute for Design and the Arts.

Please see the program website for application deadlines and admission terms.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

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 necessary to pursue a career in music composition. Opportunities to collaborate with music scholars, theorists, performers, educators and other composers provide 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, an applied project and a written comprehensive exam.

The credit requirements for the degree are distributed as follows:

composition (9)

electives (8)
music theory and music history (9)
thesis (6)

The thesis is an original composition that demonstrates mastery of composing for the selected performance medium and the coherent organization of musical material.

Other requirements:

Completion of diagnostic exams in music history 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 posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country.
- GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work.
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume and personal statement): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening portfolio: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete your application for faculty review:

- three letters of recommendation
- official transcripts
- proof of English proficiency for applicants whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Application Deadlines

For information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/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.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Composition (Interdisciplinary Digital Media and Performance), MM (FADIGITMM)

Online Degree Search Title: Music (Interdisciplinary Dig. Media and Perf.) (MM)

Campus: Tempe

Program Description:

The MM in composition with a concentration in interdisciplinary digital media and performance 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 offerings to include areas beyond typical music course work, allowing for expanded opportunities for personal growth. It also allows the School of Music 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, a thesis and a written comprehensive exam, or 32 credit hours, a thesis, a written comprehensive exam and an oral comprehensive exam.

The credit requirements for the degree are distributed as follows:

12 hours in arts media and engineering core
five or six hours in electives
eight or nine hours in music theory and music history
six hours in thesis

Other requirements:

Completion of diagnostic exams in music history 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 posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume and personal statement): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening portfolio: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review:

- three letters of recommendation
- official transcripts
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music
http://music.asu.edu
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Creative Enterprise and Cultural Leadership, MA (HICECLMA)

Online Degree Search Title: Creative Enterprise and Cultural Leadership (MA)

Campus: Downtown Phoenix, Tempe

Program Description: The MA program in Creative Enterprise and Cultural Leadership empowers students to create the cultural jobs and creative opportunities of the future. Its design-thinking pedagogy leads students to increased capacity for interpersonal communication, public communication, opportunity recognition, network and systems thinking, problem recognition and creativity. Graduates will demonstrate ability in cultural leadership and knowledge of the creative industries, distribution of creative products, the creative process and management of innovation in the creative industries.

Degree Requirements: 31 credit hours including a written comprehensive exam, oral comprehensive exam, and the applied project course (HDA 593).

Core (15)

HDA 511 Leadership in the Creative Industries (1)

HDA 512 Strategy: Problem Identification and Opportunity Recognition in the Creative Industries (2)

HDA 513 Creativity and Design Thinking (3)

HDA 521 Arts, Culture, and the Economy (3)

HDA 522 Media Literacy and Distribution (3)

GRA 501 Creative Environment and Collaborative Leadership (3)

Electives or Research (9)*

Creative Enterprise Development Elective (3)

Leadership Elective (3)

Other approved elective (3)

Other Requirement (1)

HDA 583 Fieldwork (1)

Culminating Experience (6)

HDA 593 Applied Project (6)

*Note that electives are approved either in consultation with the student's committee or the program director.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Minimum of a bachelor's degree in an arts, design, business, public policy or related discipline from a regionally accredited college or university.
- Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (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*
- GRE scores
- letters of recommendation
- letter of intent**
- professional resume

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

** Applicants are required to submit a letter of intent outlining their reasons for choosing to pursue an MA in Creative Enterprise and Cultural Leadership and outlining how their unique background and abilities make them a suitable candidate.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
 Dean, Herberger Institute for Design and the Arts
<https://entrepreneur.herbergerinstitute.asu.edu/curb-enterprise-leadership>
 WHALL 266
 herbergeradmissions@asu.edu
 480-727-6639

Dance, MFA (FADANCEMFA)

Online Degree Search Title: Dance (MFA)

Campus: Tempe

Program Description:

The MFA in dance at ASU is a highly flexible program that enriches creative and embodied practices through an integrated curriculum, connecting intuitive, kinesthetic and intellectual experiences. ASU's School of Film, Dance and Theatre seeks individuals who are self-motivated, have clear and demonstrated objectives, and are willing to explore new possibilities in the field of dance. This program also recognizes and encourages individual strengths and professional experience. The School of Film, Dance and Theatre welcomes a diversity of applicants with interest in:

Creating:

- dance and art making
- dance technologies
- improvisation and real-time composing
- transdisciplinarity and hybridity
- performance
- socially-engaged and community arts practices
- sound design

Framing and Contextualizing:

- dance and related histories
- dance anthropology and ethnography
- dance pedagogy
- movement analysis and critical inquiry
- musical methods
- performance and cultural studies
- philosophy of dance
- educational and professional partnerships

Moving:

- contemporary ballet
- postmodern contemporary dance
- somatic practices
- urban arts practices

Degree Requirements: 60 credit hours and a bound document.

Incoming students take course work in dance and related fields, which have been designed to provide a broad and fundamental preparation for future careers in:

- arts administration
- arts presenting
- community partnerships
- cross-cultural and ethnographic research
- independent creative practices
- multimedia and technology
- preK-20 private and public sector education
- professional performance companies
- social work and public programs
- wellness and health care

The MFA applied project in dance serves as the culminating experience in the graduate dance curriculum. Students have the opportunity to select the format and structure of their project in conjunction with their Master of Fine Arts committee. The applied project takes into consideration the future goals of the student and serves as a bridge to careers beyond graduate school.

Admission Requirements:

To apply for admission to the Master of Fine Arts in dance program, a student must complete an online graduate admission application and supply official copies of all transcripts from previous institutions to Graduate Admission Services. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The School of Film, Dance and Theatre requires:

- a current resume
- Web-based documentation of recent work, including one solo piece and one group piece, or other forms and types of creative research
- three letters of recommendation from professionals in the field
- a personal artistic statement

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
 School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
 GHALL 232
 fdt@asu.edu
 480-965-5337

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 Film, Dance and Theatre and expands into the specific area of new media practices. The concentration provides a select group of graduate students with a rigorous, in-depth opportunity to specialize in dance as well as transdisciplinary digital arts.

The interdisciplinary classes and research activities of the transdisciplinary School of Arts, Media and Engineering that form part of this concentration give students access to advanced media equipment, studios, project funding and interdisciplinary collaborators.

Degree Requirements: 60 credit hours and a bound document.

The degree involves three years of residency:

- a final MFA applied project (8)
- a written document
- an oral defense
- required course work in the concentration taught by AME (18)
- electives (15)
- required credit hours in the School of Dance (19)
- ongoing showings of work

The current MFA is normally accomplished during three years of residency in the School of Film, Dance and Theatre. Ongoing showings of creative work are required. Foundational course work is offered in areas of:

- creative practice
- movement practices
- pedagogy
- professional development
- technology
- 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. Thesis presentation, a final written document, reflective in nature, as well as an oral defense complete the process.

Admission Requirements:

To apply for admission to the Master of Fine Arts program in dance, interdisciplinary digital media and performance, a student must complete an online graduate admission application and supply official copies of all transcripts from previous institutions to Graduate Admission Services.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The School of Film, Dance and Theatre requires:

- a current resume
- DVD of recent work, including one solo piece and one group piece
- three letters of recommendation from professionals in the field
- a personal artistic statement that relates to School of Dance core values as described by the Learning Lens

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Design (Design of Healthcare and Healing Environments), MSD (ARHHEMSD)

Online Degree Search Title: Healthcare and Healing Environments (MSD)

Campus: Tempe

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 concentration in design of health care and healing environments 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. This concentration explores and synthesizes principles from a variety of disciplines including innovation, architecture, design, communication, human behavior, policy, quality and performance improvement, among others, in arriving at a thorough understanding of the critical issues facing the health care industry. Students in this concentration will 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:

MSD Program Requirements

- All applicants must submit the online graduate admission application and hold an undergraduate or graduate degree from a college or university recognized by ASU.

All applicants must have completed a program in design and must hold a bachelor's degree in graphic design, industrial design, interior design or a related design discipline. 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

- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.

- An applicant whose native language is not English (regardless of current residency) must submit an official Test of English as a Foreign Language (TOEFL) score. 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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

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 will be 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 (SPEAK) 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.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

Design (Industrial Design), MSD (ARINDDMSD)

Online Degree Search Title: Industrial Design (MSD)

Campus: Tempe

Program Description:

The MSD with a concentration in industrial design is meant for individuals interested in advanced studies in:

- criticism and methodology
- design processes
- history
- human factors
- technology
- theory

This concentration develops an understanding of contemporary industrial design issues through specialized research and design skills. It also prepares the graduate student for a career in industrial design education.

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:

MSD Program Requirements

- All applicants must submit an online graduate admission application and hold an undergraduate or graduate degree from a college or university recognized by ASU.

All applicants must have completed a program in design and must hold a bachelor's degree in graphic design, industrial design, interior design or a related design discipline. 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
- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score. 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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent, and contact information for three references must also be submitted via SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)). The Design School requires that these be submitted in addition to the Graduate Education application requirements.

No GRE test is 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.

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 will be 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 for whom English is not their native language will be required to submit a Speaking Proficiency English Assessment Kit (SPEAK) 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.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

Design (Interaction Design), MSD (ARDSCIMSD)

Online Degree Search Title: Design (Interaction Design) (MSD)

Campus: Tempe

Program Description:

Interaction design is about how people use products and services. This program focuses on the study of interaction design principles, tools, complexities and change. Students will be prepared to create dynamic, expressive and communicative forms for effective human-spatial interactions such as those needed with physical and virtual shopping, retrieving information and numerous other such tasks.

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:

MSD Program Requirements

- All applicants must submit the online graduate application and hold an undergraduate or graduate degree from a college or university recognized by ASU.

All applicants must have completed a program in design and must hold a bachelor's degree in graphic design, industrial design, interior design or a related design discipline. 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
- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found on the Division of Graduate Education website at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the the Division of Graduate Education application requirements.

No GRE test is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

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.

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 will be 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 (SPEAK) 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.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

Design (Interior Design), MSD (ARINTDEMSD)

Online Degree Search Title: Interior Design (MSD)

Campus: Tempe

Program Description:

The MSD with a concentration in interior design is a research degree program that addresses the discovery and inquiry of how people relate to space. The program encourages the investigation of creativity, innovation and critical thinking while acknowledging the importance of cultural and historical precedent. This concentration develops an understanding of contemporary interior design issues through specialized research and design skills. This concentration prepares students with prior interior design training for more specialized career fields and for a career in academia.

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:

MSD Program Requirements

- All applicants must submit an online graduate admission application and hold an undergraduate or graduate degree from a college or university recognized by ASU.

All applicants must have completed a program in design and must hold a bachelor's degree in graphic design, industrial design, interior design or a related design discipline. 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
- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score. 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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references must also be submitted via SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the Division of Graduate Education application requirements.

No GRE test is 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.

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 will be 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 (SPEAK) 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.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

Design (New Product Innovation), MSD (ARDSCNMSD)

Online Degree Search Title: Design (New Product Innovation) (MSD)

Campus: Tempe

Program Description:

The MSD with a concentration in new product innovation is a research-oriented graduate degree. In this degree program, students will apply the concepts learned in the core and required courses through the execution of an applied project, which could be the design and development of a new product, a new method of doing design research, new design guidelines for medical devices, etc. The focus is on application, and students will present evidence of knowledge of principles in new product innovation, strategy for implementation or methods of design evaluation. Students will present the projects through a design presentation, executive summary and project document.

Degree Requirements: 36 credit hours including the required applied project course (DSC 593).

This project-based concentration teaches graduate students about the role of design and innovation in the process of new product development within the context of a quickly evolving global economy.

Students complete their graduate work with an applied project. 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 creatively apply research to a design opportunity.

Admission Requirements:

MSD Program Requirements

- All applicants must submit the online graduate admission application and hold an undergraduate or graduate degree from a college or university recognized by ASU.
- All applicants must have completed a program in design and must hold a bachelor's degree in graphic design, industrial design, interior design or a related design discipline. 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
- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>)

(<https://asuherberger.slideroom.com>)). The Design School requires that these be submitted in addition to the Graduate Education application requirements.

No GRE test is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and those of the Herberger Institute for Design and the Arts.

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.

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 will be 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 (SPEAK) 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.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

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. This concentration develops an understanding of contemporary graphic design issues through specialized research and design skills. It also prepares the graduate student for a career in graphic design education.

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 submit an online graduate admission application.

Applicants to the master's degree program in design must hold a bachelor's degree in graphic design, industrial design, interior design or a related design discipline. 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

Further information can be found in the program description on the school Web page.

Admission is a two-step process. Although applicants fill out one application through the online application process, they must be admitted into both the concentration in the MSD program and the Division of Graduate Education.

MSD Program Requirements

- A 3.00 or higher undergraduate GPA is required.
- A minimum score of 550 on the paper-based Test of English as a Foreign Language (TOEFL) or 80 on the Internet-based test is required for an applicant whose native language is not English, regardless of current residency.
- Additional application materials can be found online at <http://herbergerinstitute.asu.edu/admissions/grad/applying/> (<http://herbergerinstitute.asu.edu/admissions/grad/applying/>).

GRE scores are not required.

Applicants are required to submit the following materials in addition to the Division of Graduate Education requirements:

- A portfolio, letter of intent and contact information for three references should be submitted via SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)).
- 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 and inexpensive copies of samples of work that will not be returned. All interested applicants can apply for a teaching assistantship position online. The link to the application will be 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 (SPEAK) 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.

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 must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

A personal interview is not required; however, a candidate wishing to visit the school is welcome and should make arrangements by contacting the department.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
designgrad@asu.edu
480-965-3536

Design, Environment and the Arts, PHD (HIDEAPHD)

Online Degree Search Title: Design, Environment and the Arts (PhD)

Campus: Tempe

Program Description:

The PhD program in design, environment and the arts is an individualized institute-wide transdisciplinary degree 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.

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 hours plus the

remaining 30 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 course work 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 submit an online graduate admission application.

Students are admitted to the program only upon completion of a master's degree in architecture, graphic design, industrial design, interior design, landscape architecture, fine arts or upon the demonstration of equivalent standing. Students must be familiar with design and the arts and will be expected to demonstrate a high level of academic maturity before being admitted to the program.

The doctoral executive committee evaluates the applications and supporting materials during the early spring for fall semester admissions. Please see the program website for application deadlines. 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
- 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 Division Graduate Education will notify all applicants in writing of the admission decision.

In addition to submitting the online graduate admission application and meeting the Division of Graduate Education requirements, applicants must submit the following doctoral application requirements online at the time of application. The application will be considered incomplete if one of these items is missing:

- a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
- an indication of proposed concentration (design, history, theory and criticism, digital culture in design, or health care and healing environments)
- an indication of a potential mentor in the Herberger Institute for Design and the Arts*
- three letters of recommendation (preferably academic, although could be professional)**
- a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's thesis, research paper or published articles)
- GRE scores (required)
- proof of English language proficiency***

*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.

**Students will 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. Students 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 will be removed from the "To Do" list. All letters must be in English.

***A Test of English as a Foreign Language (TOEFL) score of at least 100 iBT or 600 PBT or an overall International English Language Testing System (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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)). International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit (SPEAK), administered at ASU, and become certified. Additional information is available on the department website.

Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program.

Identification of a proposed research topic, or list of possible topics, that aligns with the research mission of the doctoral program and the research interests of faculty.

Students must have identified a program faculty member who has agreed to serve as a mentor.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/phd_environmental/
CDN 162
designgrad@asu.edu
480-965-4495

Design, Environment and the Arts (Design), PHD (HIDEADSPHD)

Online Degree Search Title: Design, Environment and the Arts (Design) (PhD)

Campus: Tempe

Program Description:

The design concentration is an individualized institute-wide interdisciplinary degree that integrates graduate courses and faculty research with expertise in design. Broad in scope, the program is at the cutting edge of creating new knowledge in architecture, design and the arts. The program provides research experience for students wishing to pursue careers in industry as members of transdisciplinary design teams on environmental and energy issues, as well as for those wishing to teach in the architecture, design or the art fields.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Required Core Courses: (6 credit hours)

EPD 700 Research Methods (3)

EPD 710 Current Research in Design (3)

Required Concentration Courses: (15 hours; choose five courses)

DSC 558 Daylighting (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 Conference (3)

INT 515 Decorative Arts in Historic Interiors: A thematic overview (3)

INT 516 Textiles in Historic Interiors: Appearance, Function, Symbolism (3)

Elective or Research Courses: (21 credit hours)

EPD 790 Reading and Conference (9)

EPD 792 Research (12)

Culminating Experience (12 credit hours):

EPD 799 Dissertation

Admission Requirements:

Degree: A minimum of a master's degree in a closely related field from a regionally accredited college or university is required. 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.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: GRE

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/phd_environmental/program.php
CDN 162
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: Tempe

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, be able to come to a unique synthesis, leading the way in these fields.

This concentration will primarily explore 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.

The doctoral program in design, environment and the arts with a concentration in digital culture in design requires the following:

- required doctoral core courses (6)
- required concentration core courses (12)
- research and approved electives (24)
- 799 Dissertation (12)
- a previously awarded master's degree or approved relevant course work (30)

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 hours plus the remaining 30 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 course work 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 submit an online graduate admission application.

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. Students must be familiar with design and the arts and will be expected to demonstrate a high level of academic maturity before being admitted to the program.

The doctoral executive committee evaluates the applications and supporting materials during the spring for fall semester admission. 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

- 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 Division of Graduate Education will notify all applicants in writing of the admission decision.

In addition to submitting the online application and meeting the Division of Graduate Education requirements, applicants must submit the following doctoral application requirements online at the time of application. The application will be considered incomplete if one of these items is missing:

- 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 in the Herberger Institute for Design and the Arts*
- three letters of recommendation (preferably academic, although could be professional)**
- 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)
- GRE scores (required)
- proof of English language proficiency***

*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.

**Students will 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. Students 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 will be removed from the "To Do" list. All letters must be in English.

***A Test of English as a Foreign Language (TOEFL) score of at least 100 iBT or 600 PBT or an overall International English Language Testing System (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://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)). International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit (SPEAK), administered at ASU, and become certified. Additional information is available on the department website.

A minimum of a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university is required. The bachelor's degree must be in the field of architecture, graphic design, industrial design, interior design, landscape architecture, arts media or engineering.

Applicants should have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program.

Students 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.

Students must have identified a doctoral program faculty member who has agreed to serve as a mentor.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
 Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/phd_environmental/
 CDN 162 E
 design.grad@asu.edu
 480-965-3536

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

Program Description:

The health care and healing environments concentration under the PhD in design, environment and the arts degree 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 will be mentored by local health care design consultants, teaming with nursing students, working directly with real clients and corresponding with forward-thinking health care research centers. Graduating students will be able to:

- address contemporary issues facing the health care industry
- address health care environments on multiple levels
- apply evidence-based research techniques
- effectively communicate with clinicians

Upon graduation, students 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

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students will be required to complete program requirements detailed below:

previously completed a master's (30)
 required core courses (6)
 required concentration courses (18)
 elective courses (18)
 dissertation (12)

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 can count toward the requirements of the doctoral program. If the student has not completed a master's, elective courses approved by the supervisory committee may substitute.

Of the 54 credit hours remaining after the master's degree, 12 must be dissertation credit and 12 may be research. These 24 hours plus the remaining 30 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 18 credit hours in the concentration and a minimum of nine credit hours of specialized course work outside the area of 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 submit an online graduate admission application.

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 doctoral executive committee evaluates the applications and supporting materials during the early spring for fall semester admissions. 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

- 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 Division of Graduate Education will notify all applicants in writing of the admission decision.

In addition to submitting the online application and meeting the Division of Graduate Education requirements, applicants must submit the following doctoral application requirements online at the time of application. The application will be considered incomplete if one of these items is missing:

- a statement of purpose summarizing career objectives and the reasons for pursuing doctoral education
- an indication of proposed concentration (design, history, theory and criticism, digital culture in design, or health care and healing environments)
- an indication of a potential mentor in the Herberger Institute for Design and the Arts*
- three letters of recommendation (preferably academic, although could be professional)**
- a sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's thesis, research paper or published articles)
- GRE scores (required)
- proof of English language proficiency***

*We recommend that the student email the faculty members who the student feels have related research interests, to introduce themselves and to inquire about the faculty member's availability to be a mentor.

**Students will 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. Students 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 will be removed from the "To Do" list. All letters must be in English.

***A Test of English as a Foreign Language (TOEFL) score of at least 100 iBT or 600 PBT or an overall International English Language Testing System band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English (<https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)). International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit (SPEAK), administered at ASU, and become certified. Additional information is available on the department website.

Minimum of a 3.00 cumulative GPA (scale is 4.00=A) in the last 60 hours of a student's bachelor's degree program.

Identification of a proposed research topic, or list of possible topics, that aligns with the research mission of the doctoral program and the research interests of faculty.

Student must have identified a program faculty member who has agreed to serve as a mentor.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
 Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/phd_environmental/
 CDN 162 E
 design.grad@asu.edu
 480-965-3536

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 focuses on the theoretical dimensions in areas of architectural and design history, or art history including critical discourse in the design or art disciplines. The program offers classes and research across many cultures and time periods, geographies, and multiple approaches and methodologies within the art history program.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation, and a foreign language exam.

required core courses: (6 credit hours)
 EPD 700 Research Methods (3)
 EPD 710 Current Research in Design (3)

required concentration courses: (15 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 in Art History (3)
ARS 506 Critical Studies in Roman Art (3)
ARS 514 Critical Approach/Romanesque Art (3)
ARS 533 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)

elective or research courses: (21 credit hours)

EPD 792 or ARS 792 Research (12)
3 three-credit courses at 500-700 level as agreed upon by faculty mentor

culminating experience: (12 credit hours)

EPD 799 or ARS 799 Dissertation

other requirements:

A foreign language exam is required in order to show reading knowledge of a total of two foreign languages as demonstrated by exam administered by the College of Letters and Sciences (or equivalent) during the program, or by a "B" or better 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 will not count towards 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:

Degree: A minimum of a master's degree in a closely related field from a regionally accredited college or university is required. 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.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: GRE

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/phd_environmental/program.php
ART 102
design.phd@asu.edu
480-965-8521

Digital Culture, MA (HIDGCMA)

Online Degree Search Title: Digital Culture

Campus: Tempe

Program Description:

Digital culture is geared toward practitioners of 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 transdisciplinary environment.

The degree allows artists and designers to explore new avenues for real-time media creation that seek to go beyond current paradigms. Course work also explores current practices in various contexts (performance environments, health and well-being, social media and communication) as well as engineering-based approaches to develop experiential systems with social impact.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- iOS development
- illustration
- journalism
- programming
- special effects
- software engineering
- 3D modeling and fabrication
- visual media

Degree Requirements: 33 credit hours including the applied project course (AME 593).

Core Courses: (12 credit hours)

AME 530 Experiential Media Methodology and Theory I (3)

AME 531 Experiential Media Methodology and Theory II (3)

AME 532 Creating by Algorithm (3)

AME 533 Realtime Data Analysis and Pattern Recognition for Interaction (3)

Elective or Research Courses: (18 credit hours)

AME 541 Interactive Forms (3)

AME 598 Advanced Interactive Sound (3)

AME 598 Animating Virtual Worlds (3)

AME 598 Digital Design for Tangible Devices (3)

AME 598 Integrated Perception and Cognition (3)

AME 598 Integrated System Development (3)

AME 598 Media Installations (3)

AME 598 Media Synthesis (3)

AME 598 Movement Sensing and Interaction (3)

AME 598 Multimodal Sensing Systems (3)

AME 598 Performance Systems Design (3)

AME 598 Programming for Social and Interactive Media (3)

AME 598 System Modeling (3)

AME 598 Understanding Activity (3)

ART 539 Intermedia Studio (3)

ART 543 Intermedia Performance (3)

MTC 598 Electronic Studio Tech I (3)

MTC 598 Electronic Studio Tech II (3)

MUE 598 Digital and Participatory Culture in Music (3)

PSY 528 Sensation and Perception (3)

PSY 562 Advanced Human Factors (3)

THP 555 Media Design Applications (3)

THP 556 Performance Technology (3)

Culminating Experience: (3 credit hours)

AME 593 Applied Project (3)

Admission Requirements:

Degree: A minimum of a bachelor's degree or master's degree in arts, humanities, design, media studies, computer science, engineering or a closely related field from a regionally accredited college or university is required.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 credit hours of the student's first bachelor's degree program is required. A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

Portfolio: 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), Web sites they have created or programmed, music they have composed digitally, or films they have made.

Foreign Language Exam: No

Required Admission Examination: No

Letters of Recommendation: Yes

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<http://ame.asu.edu>
STAUF B217
ameed@asu.edu
480-965-9438

Environmental Design and Planning, PHD (ARENVDEPHD)

Online Degree Search Title: Environmental Design/Planning (PhD)

Campus: Tempe

Program Description:

This program is an individualized institute-wide interdisciplinary degree that integrates graduate courses and faculty research expertise with concentrations in design; health care and healing environments; history, theory and criticism; and urban design. Broad in scope, the program is at the cutting edge of creating new knowledge in architecture, design and the arts. It complements interdisciplinary 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.

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 can count towards the requirements of the doctoral program.

Of the 54 credit hours remaining after the master's, 12 must be dissertation credit and 12 may be research. These 24 hours plus the remaining 30 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 area of concentration and a minimum of nine credit hours of specialized course work outside the area of 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 submit an online graduate admission application.

Students are admitted to the program only upon completion of a master's in architecture, graphic design, industrial design, interior design, landscape architecture, fine arts or upon the demonstration of equivalent standing. Students must be familiar with design and the arts and will be

expected to demonstrate a high level of academic maturity before being admitted to the program.

The doctorate executive committee evaluates the applications and supporting materials during the spring for fall semester admissions. Admission decisions are based on the compatibility of the applicant's career goals with the purpose of the degree program, the research mission of the institute and the research interests of faculty, previous academic training and performance, GRE scores, recommendation letters and the ability of the potential mentor to devote time to the student.

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 Division of Graduate Education will notify all applicants in writing of the admission decision.

In addition to submitting the online graduate admission application and meeting the Division of Graduate Education requirements, applicants must submit the following Doctorate of Philosophy application requirements online at the time of application. The application will be considered incomplete if one of these items is missing.

- GRE scores
- An indication of a potential mentor in the Herberger Institute for Design and the Arts. We recommend that you email the faculty member that you feel have related research interests to introduce yourself and to inquire about their availability to be a mentor to you.
- An indication of proposed area of concentration (design, history, theory, and criticism, or health care and healing environments).
- A sample of sole-authored written work in English or any other evidence relevant to admission to the program (i.e., master's thesis, research paper or published articles).
- A statement of purpose summarizing career objectives and the reasons for pursuing doctorate education.
- Three letters of recommendation (preferably academic, although could be professional). Students will provide the names and contact information of three recommenders at the time of their online application. Recommenders will receive an e-mail with a link to the on line letter of recommendation to complete. Students are able to see which recommenders have already completed their recommendation by logging into the MyASU system and viewing their "To Do" list. Once a recommender has submitted the letter of recommendation, the recommender's name will be removed from the "To Do" list. All letters must be in English.

A Test of English as a Foreign Language (TOEFL) score of at least 100 iBT or 600 PBT or an overall International English Language Testing System (IELTS) band score of 7.50, with no individual band below 7.00, is required of all applicants whose native language is not English. International applicants who are interested in receiving funding as teaching assistants must take the Speaking Proficiency English Assessment Kit (SPEAK), administered at ASU, and become certified. Additional information is available on the department website.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/phd_environmental/
CDN 162
design.grad@asu.edu
480-727-8782

History and Theory of Art, PHD (FAHIARTPHD)

Online Degree Search Title: History and Theory of Art (PhD)

Campus: Tempe

Program Description:

The PhD in the history and theory of art is a collaborative program with the University of Arizona in Tucson, Arizona. The emphasis is on transdisciplinary methodologies and electronic technologies to prepare students for teaching and museum careers.

Degree Requirements: 84 credit hours, a foreign language exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctorate requires 60 credit hours beyond the Master of Arts or 90 beyond the Bachelor of Arts. The 42 credits of doctoral course work include:

- 12 credits in the major area of emphasis
- nine credits in a minor area within art history
- six transdisciplinary credits (courses outside of art history)
- six hours of PhD core courses (ARS 691 Methodologies and ARS 692 Technologies)
- nine credits of electives
- the remaining 18 credits are research (ARS 792) and dissertation (ARS 799)

A student may elect to have a second minor in an area outside art history. In this joint program, all doctoral students are required to take courses by faculty at both Arizona State University and the University of Arizona.

Admission Requirements:

The complete application requires submissions to both Arizona State University Graduate Admission Services and the School of Art. The following must be submitted to the the Graduate Admission Services as part of the graduate admission application:

- online application
- application fee
- official notice of GRE scores (within last five years)
- official transcripts
- any other materials requested by the Division of Graduate Education

The following must be sent to the art history graduate advisor in the School of Art:

- a statement of intent regarding graduate study
- the Master of Arts thesis or a scholarly research paper
- any request for assistantships and tuition scholarships
- three academic letters of recommendation (to be sent directly by referees)

Students entering in the spring will have few or no opportunities for fellowship or assistantship support the first semester.

Students must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu>
ART 102
soagrad@asu.edu
480-965-6303

Industrial Design, MID (HIINDMID)

Online Degree Search Title: Industrial Design (MID)

Campus: Tempe

Program Description:

The MID degree is a 60 credit hour studio-based program in which students will learn to design new product and service systems that solve critical global problems. Students will engage in research, brainstorming, idea visualization, prototyping and testing of creative solutions that address critical problems we face in the world today. Graduates of this program will be adept in using principles of design innovation, sustainability and systems thinking in problem-solving and are expected to find positions in industry as well as academia after graduation.

Degree Requirements: 60 credit hours including the required capstone course (IND 622).

Two-year program

Typical Plan of Study

First Year (Fifth year)

Fall

DSC 511 Design Research (3)

DSC 598 Topic: The Culture of Objects (3)

IND 513 Industrial Design Seminar: Contemporary Issues (1)

IND 521 Advanced Industrial Design Studio I (5)

IND 544 Human Factors Systems and Documentation (3)

Spring

ATE 598 Topic: Sustainability of the Built Environment (3)

DSC 501 Qualitative Research Methods in Design (3)

IND 522 Advanced Industrial Design Studio II (5)

Design Professional Elective (3)

Summer

IND 584 Clinical Internship (3)

Second Year (Sixth year)

Fall

IND 598 Topic: Solving Problems with Life Cycle Assessment (3)

IND 621 Advanced Industrial Design Studio III (5)

Design Professional Electives (6)

Spring

AAD 552 Architectural Management II (3)

IND 598 Topic: Digital Ideation and Rapid Prototyping (3)

IND 622 Advanced Industrial Design Studio IV (5)

Design Professional Elective (3)

Three-plus year program

Courses in bold are considered deficiencies and do not count toward official graduate program of study.

First Year

Summer

DSC 236 Introduction to Computer Modeling (3)

IND 509 Foundation Industrial Design Seminar (3)

IND 510 Foundation Industrial Design Studio (6)

Fall

IND 227 Visual Methods for Problem Solving (3)

IND 242 Materials and Design (3)

IND 316 20th Century Design I (3)

IND 511 Core Industrial Design Studio I (6)

Spring

IND 261 Industrial Design II (3)

IND 317 20th Century Design II (3)

IND 428 Design Presentation (3)

IND 512 Core Industrial Design Studio II (6)

Admission Requirements:

All applicants must complete the online graduate admission application.

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.
- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Applicants must submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based), if English is not the student's native language, regardless of where they may now reside. Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- Submit a portfolio, letter of intent, and contact information for three references to SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)). The Design School requires that these be submitted in addition to Graduate Admission Services application requirements.

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.
- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Applicants must submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based), if English is not their native language, regardless of current residency. Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- Submit a portfolio, letter of intent, and contact information for three references to SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)). 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. The GRE is not required.

Applicants may be admitted to the two-year program with deficiencies if their previous course work is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Please 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/degrees/grad/>
CDN 162
designgrad@asu.edu
480-965-3536

Interior Architecture, MIA (HIAMIA)

Online Degree Search Title: Interior Architecture (MIA)

Campus: Tempe

Program Description:

The MIA is a studio-based professional degree program that prepares graduates to fill leadership positions in interior architecture, design practice and education. Focusing on the development of groundbreaking design solutions to contemporary and emergent societal issues, such as sustainability and health care, this degree draws upon history, theory and criticism to inform a transdisciplinary, evidence-based approach. Studios will have close ties to the allied disciplines of architecture and landscape architecture with faculty members from those programs actively involved in teaching studios with an interior architecture concentration. This provides a foundation of transdisciplinary learning to assist in the understanding of integrated practice. This degree program aims to further a candidate's comprehension of design as a synergistic process of identifying, analyzing and creating useful, beautiful and stimulating interior environments that serve the needs of varied user populations.

Degree Requirements: 56 credit hours including the required capstone course (INT 622).

Two-year Program

Typical Plan of Study

First Year (Fifth Year)

Fall

DSC 511 Design Research (3)
INT 519 Contemporary Issues in Interior Architecture Seminar (3)
INT 521 Advanced Interior Architecture Studio I (5)
INT 529 Design Criticism (3)

Spring

ATE 598 Sustainability of the Built Environment (3)
DSC 558 Daylighting (3)
INT 522 Advanced Interior Architecture Studio II (5)
INT 527 Design Theory (3)

Summer

INT 584 Professional Internship (3)

Second Year (Sixth Year)

Fall

INT 520 Contemporary Design Issues (3)
INT 621 Advanced Interior Architecture Studio III (5)
Professional Design Electives (6)

Spring

AAD 552 Architectural Management II (3)
INT 622 Advanced Interior Architecture Studio IV (5)
Professional Design Elective (3)

Three-plus-year Program

Typical Plan of Study

First Year

Summer

ADE 510 Foundation Architectural Studio (6)
ALA 235 Computers in Landscape Architecture (3)*
APH 509 Foundation Seminar, Architecture and Landscape Architecture (3)

Fall

ATE 451 Building Systems I (3)*
INT 310 History of Interior Design I (3)*
INT 352 Construction Methods (3)*
INT 511 Core Interior Architecture Studio I (6)

Spring

ATE 452 Building Systems II (3)*
INT 311 History of Interior Design II (3)*
INT 512 Core Interior Architecture Studio II (6)
INT 556 Technical Aspects of the Interior Architecture (3)

*Courses marked with an asterisk are considered deficiencies and do not count toward the official program of study.

After the first summer and academic year, the three-plus-year curriculum merges with the two-year curriculum and become the same course of study.

Admission Requirements:

All applicants must complete the online graduate admission application.

Admission Requirements for the Two-year Program:

- All applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU.
- 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.
- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Applicants whose native language is not English (regardless of current residency) are required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to Graduate Admission Services application requirements.

No GRE test is required.

Admission Requirements for the Three-plus-year Program:

- All applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU.
- 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.
- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Applicants whose native language is not English (regardless of current residency) are required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to Graduate Admission Services application requirements.

No GRE test is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

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 two-year program with deficiencies if their previous course work is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Please 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.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://design.asu.edu/degree-programs/interior-architecture-mia>
CDN 162
designgrad@asu.edu
480-965-3536

Landscape Architecture, MLA (ARLDEMLA)

Online Degree Search Title: Landscape Architecture (MLA)

Campus: Tempe

Program Description:

The MLA program at ASU is designed to enable students to engage with the community in applied projects that focus on improving the ecological and social health of the urban environment. The emphasis is on sustainable outdoor environments. In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure.

The graduate landscape architecture program projects can include large-scale work encompassing urban design, landscape reclamation, open space preservation planning and landscape ecological design, and projects at the more intimate scale of a neighborhood park or residential backyard. Emerging areas of focus include biotechnical design, construction of greenways, green roofs, living walls, urban agriculture as well as the design of healing environments.

As an accredited master's degree program in landscape architecture, the curriculum is intended to prepare students for landscape architecture professional practice and advanced study at the doctoral level. The Design School is committed to the merging of global and local contexts and concerns and, toward this end, graduate students in their final year go abroad for two weeks as part of their studio course. To date, students have traveled to Argentina, 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. Since 2011 when the first class of students graduated with master's degrees in landscape architecture, ASU alumni have found employment with nationally recognized landscape architects, in multinational firms and within public municipalities and agencies.

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 (MLA 622).

Master of Landscape Architecture Program Two-Year Degree Requirements

First Year (Fifth Year)

Fall (14 credit hours)

ATE 598 Sustainability of the Built Environment (3)
LDE 521 Advanced Landscape Architectural Studio I (5)
LPH 513 Research in Landscape Architecture Seminar (3)
LTC 563 Planting Design (3)

Spring (14 credit hours)

LDE 522 Advanced Landscape Architectural Studio II (5)
LPH 612 Landscape Architecture Research Methods (3)
LTC 546 LA Alternative Technologies and Materials (3)

LTC 598 ST: Urban Ecological Design (3)

Summer (3 credit hours)

LAP 584 Clinical Internship (3)

Second Year (Sixth Year)

Fall (14 credit hours)

L/APH 515 Current Topics and Issues (3)

LDE 621 Advanced Landscape Architectural Studio III

LPH 613 Landscape Architecture Seminar (3)

Design Professional Elective (3)*

Spring (14 credit hours)

L/AAD 652 Professional Practice (3)

LDE 622 Advanced Landscape Architectural Studio (5) or LDE 599 Thesis (6) or LDE 593 Applied Project (5)**

LTC 598 ST: Urban Landscape Water Systems and Management (3)

Design Professional Elective (2-3)*

Total Graduate Hours in Program: 56 credit hours

*The list of Herberger Institute for Design and the Arts design electives can be found on the institute's website: <http://design.asu.edu/> (<http://design.asu.edu/>).

**The culminating experience will be selected based upon MLA faculty guidance and approval.

Master of Landscape Architecture Program Three-Plus-Year Requirement

Note: Courses shown in bold are considered deficiencies and do not count toward official plan of study.

First Year

Summer (12 credit hours)

ALA 236 Computers in Landscape Architecture (3)

APH 509 Foundation Seminar (3)

LDE 590 Foundation Architectural Studio (6)

Fall (15 credit hours)

LDE 511 Core Landscape Architectural Studio I (6)

LPH 310 History of Landscape Architecture (3)

LTC 342 Landscape Implementation-Grading (3)

LTC 598 ST: Natural Factors (3)

Spring (15 credit hours)

ADE 512 Core Landscape Architectural Studio II (6)

LPH 311 20th-Century Landscape Architecture (3)

LTC 344 Landscape Implementation-Construction (3)

LTC 494 Plant Materials (3)

After the first summer and academic year, the three-plus-year curriculum merges with the two-year curriculum and they are the same.

Admission Requirements:

All applicants must submit an online graduate admission application.

Admission Requirements to the Two-Year Program

- Applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU.
- Applicants must have completed a four-year or five-year BSLA or BLA in landscape architecture or be a licensed landscape architect. The

bachelor's degree must be accredited by the Landscape Architectural Accreditation Board.

- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Provide official copy of GRE scores; unofficial copies will not be accepted. For more information, visit the GRE website or

<https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).

• An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency in the form of an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

• Submit a portfolio, letter of intent and contact information for three references via SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)). The Design School requires that these be submitted in addition to the Graduate Admission application requirements.

Admission Requirements to the Three-Plus-Year Program

- Applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU.
- Applicants must have completed a minimum of a bachelor's degree (or equivalent) in a field other than landscape studies.
- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Provide an official copy of GRE scores; unofficial copies will not be accepted. For more information, visit the GRE website or

<https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).

• An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency in the form of an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

• Submit a portfolio, letter of intent and contact information for three references via SlideRoom (<https://asuherberger.slideroom.com> (<https://asuherberger.slideroom.com>)). The Design School requires that these be submitted in addition to the Graduate Admission Services application requirements.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

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 two-year program with deficiencies if their previous course work is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Please 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.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
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 doctoral students train in translating, transporting and combining knowledge across disciplines for the development of innovative, experiential media systems and accompanying theoretical models. The PhD program structure includes transdisciplinary media courses through the School of Arts, Media and Engineering; elective-course credits relating to the student's research interests; and substantial research and dissertation hours devoted to collaborative research within the School of Arts, Media and Engineering network. Active participation in School of Arts, Media and Engineering transdisciplinary research teams allows media, arts and sciences doctoral students to gain and contribute expertise in knowledge fusion for digital media.

Arts, media and engineering alumni have received job opportunities in:

- audio and video
- education
- graphic design
- illustration
- interactive system development

- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

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, 33 research hours and 12 dissertation hours. Thirty of the 39 required course credits will be from the transdisciplinary media courses offered by the School of Arts, Media and Engineering. All students will be required to take a minimum of two courses under each of the five constituting areas of experiential media (30 hours).

Admission Requirements:

Please see the program website for application deadlines and admission terms.

Applicants will be required to submit:

- an online graduate admission application
- official transcripts of all undergraduate and graduate course work (if applicable)
- official GRE scores
- curriculum vitae
- statement of purpose
- three letters of recommendation and a portfolio of supporting material

Additionally, 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 as well as elaborating 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 course work 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

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
 Arts, Media and Engineering Sch T
<http://ame.asu.edu>
 STAUF B 217
 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, a concentration in conducting (emphasis areas: choral, orchestra and opera, wind band), prepares highly qualified musicians to become conductors and scholars, emphasizing a thorough knowledge of repertory, knowledge of historical and analytical issues, an understanding of efficient, effective rehearsal technique and a clear, expressive conducting technique. Doctoral students of conducting receive considerable individual attention and have regular opportunities to rehearse and conduct a variety of ensembles.

Degree Requirements: 90 credit hours, a written comprehensive exam, an oral comprehensive exam and a research paper.

The degree credit requirements are distributed as follows:

- 18 hours in conducting core
- 9 hours in specialty courses
- 9 hours in electives
- 9 hours in cognate (integrated conducting, instrumental performance or music education)
- 21 hours in music history and music theory
- 24 hours in recitals and research

Other Requirement: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

Thirty hours from a master's degree may be applied toward the 90-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 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: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

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 an MM program.

Applicants who meet the following requirements are eligible to apply.

- Applicants must hold 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 international institution officially recognized by that country.
- Applicants must have achieved a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music Application (including a resume and personal statement; choral applicants must also upload a writing sample): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening video: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts
- proof of English proficiency: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Application Deadlines

Please 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 component may be found here: <http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music (Ethnomusicology), MA (FAETHNMA)

Online Degree Search Title: Ethnomusicology (MA)

Campus: Tempe

Program Description:

The MA in music with a concentration in ethnomusicology focuses on the scholarly study of musical traditions as sociocultural artifact, behavior and performance.

Degree Requirements: 30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

At least 20 credit hours 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 below. The degree credit requirements are distributed as follows:

MHL 532 Music Bibliography (3)
MHL 592 Research (2)*
MHL 599 Thesis (6)
MHL 668 Introduction to Ethnomusicology (3)
MUP 587 Ethnomusicology Ensemble (2)
music theory (5)

electives (6-9)**
music (6-9); musicology (no more than 3) or related fields outside of ethnomusicology
open electives (0-3)

*taken concurrently with second semester of MUP 587 Ethnomusicology Ensemble (2)

**appropriate elective course work will be reviewed and approved by the academic unit prior to inclusion on the student plan of study.

A passing grade on the Foreign Language Exam in French, German, Italian or Spanish is required for graduation.

Completion of diagnostic exams in music history 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 list above. This will be tracked internally within the academic unit.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted here:

<http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Applicants must hold 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 international institution officially recognized by that country.
- Applicants must have achieved a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work.

If the applicant's native language is not English (regardless of current residency), they must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/apply> ([https://students.asu.edu/apply" target="_blank](https://students.asu.edu/apply))
- School of Music application (including a resume, personal statement and writing sample): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- three letters of recommendation
- official transcripts
- proof of English proficiency: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Application Deadlines

Applicants are encouraged to apply and complete their applications as early as possible. For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>). To ensure prompt processing of applications, email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music (Interdisciplinary Digital Media and Performance), DMA (FAINTDDMA)

Online Degree Search Title: Music (Interdisciplinary Dig. Media and Perf.) (DMA)

Campus: Tempe

Program Description:

The DMA program in music with a concentration in interdisciplinary digital media and performance 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 offerings to include areas beyond typical music course work, allowing for more opportunities for digital sound and interactive projects. It also allows the School of Music 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 are an invaluable asset to music students, with resources that complement existing and future courses in electronic music.

Degree Requirements: 90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The credit requirements for the degree are distributed as follows:

36 hours in arts, media and engineering core

30 hours in music theory and music history

24 hours in research and dissertation

Other requirements:

Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

Thirty hours from a master's degree may be applied toward the 90-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 bachelor's degree. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 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: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Applicants must hold 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 international institution officially recognized by that country.

- Applicants must have achieved a GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. The School of Music does not offer conditional admission under any circumstances.

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>)
- School of Music application (including a resume and personal statement): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening portfolio: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review:

- three letters of recommendation
- official transcripts
- GRE or MAT scores
- proof of English proficiency for applicants whose native language is not English: <https://students.asu.edu/graduate/proficiency>. (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@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 professional degree program designed for outstanding students of composition who are preparing for professional careers, including teaching positions at the university level. The concentration in music composition provides extensive faculty interaction as well as opportunities to develop advanced skills in traditional and contemporary compositional techniques. 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:

- 36 hours in major area (composition, music technology, electives)
- 30 hours in music theory and music history
- 12 hours of research
- 12 hours of dissertation

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.

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

Thirty hours from a master's degree may be applied toward the 90-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 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: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The School of Music does not offer conditional admission under any circumstances.

- Test of English as a Foreign Language (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

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume and personal statement): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening portfolio: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete your application for faculty review:

- three letters of recommendation
- official transcripts
- GRE or MAT scores
- proof of English proficiency for applicants whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

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.

For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music (Music Education), PHD (FAMUSEDPHD)

Online Degree Search Title: Music (Music Education) PhD

Campus: Tempe

Program Description:

The PhD in music with a concentration in music education is a scholarly research degree. Graduates of this program typically serve as faculty members at colleges or universities. They become scholars, researchers, music and arts administrators, and public policy advisors to education and arts organizations and civic and government groups.

The music education doctoral program includes highly specialized study in music education, elective studies with scholars and artists in the School of Music and other schools 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 education 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 degree concludes with dissertation research.

Degree Requirements: 90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The credit requirements for the degree are distributed as follows:

concentration (music education courses, including research) (30)
core requirements (10)
dissertation (12)
electives (music, music education and related studies) (29)
Internship (3)
Research (6)

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

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 bachelor'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 on degree requirements for all graduate music programs may be found on the check-sheets posted online: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- GPA of 3.00 on a 4.00 scale in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a curriculum vitae, personal statement and writing sample): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- teaching demonstration video: <http://music.asu.edu/admissions/grad/requirements.php> (<http://music.asu.edu/admissions/grad/requirements.php>)
- three letters of recommendation
- official transcripts
- GRE or MAT scores

Applications are accepted until all spaces are filled and reviewed on a rolling basis. Applicants are encouraged to apply as early as possible. For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>). To ensure prompt processing of application, please email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application. An interview with the music education 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 must be received before enrollment at ASU.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu/>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music (Musicology), MA (FAMHISTMA)

Online Degree Search Title: Music (Musicology) (MA)

Campus: Tempe

Program Description:

The MA program in Music with a concentration in musicology focuses on the scholarly study of musical style, musical terminology, reception, historiography, biography and transdisciplinary topics. Faculty provide and participate in multisensory learning experiences concerning forms and genres, performance practices, instruments, spaces, philosophies, musical infrastructures and geographic locations.

Degree Requirements: 30 credit hours, a thesis, a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

At least 20 credit hours of this program must be in the field of music history and literature. The credit requirements for the degree are distributed as follows:

music bibliography (3)
music history seminar (6)
music theory (two courses totaling a minimum of 5 credit hours)
performance ensembles (2)
electives in music (5-8); ethnomusicology or related fields outside of musicology*
open electives (0-3)
thesis (6)

*Appropriate elective course work will be reviewed and approved by the academic unit prior to inclusion on the student's plan of study. Students may not apply more than 3 credit hours of ethnomusicology courses toward their plan of study.

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

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 here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work

An applicant whose native language is not English must provide proof of English proficiency (regardless of current residency). The School of Music does not offer conditional admission under any circumstances.

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

Application Requirements

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and writing sample): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- three letters of recommendation
- official transcripts
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Application Deadlines

For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines/> (<http://music.asu.edu/admissions/deadlines/>). Applicants are encouraged to apply and complete their applications as early as possible. To ensure prompt processing of applications, email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@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 music in historical contexts, on musical traditions as sociocultural artifact, as well as behavior and performance. Students explore and engage in multisensory learning experiences concerning forms and genres, performance practices, instruments, spaces, philosophies, musical infrastructures and geographic locations. Course work includes specialized study in musicology, support studies with scholars and artists in the School of Music, the Herberger Institute for Design and the Arts, and opportunities for transdisciplinary study with faculty in schools and institutes across ASU. 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 degree concludes with a dissertation.

Degree Requirements: 90 credit hours, a written comprehensive exam, an oral comprehensive exam, and a dissertation.

Core: (10)

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)

electives and research (17)

previously awarded master's degree (30)*

Teaching Experience:

MHL 684 Internship (6)

Culminating Experience:

MHL 799 Dissertation (12)

Total credit hours for the program: 90

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

*Students entering the program without an earned MA degree will complete the requirements for the MA in music with a concentration in ethnomusicology or music history and literature.

Additional information on degree requirements for all graduate music programs may be found on the check-sheets posted online: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- minimum of a 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

- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") for students with an earned bachelor's degree; minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") for students with an earned master's degree
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

Application Requirements:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including curriculum vitae, two-page personal statement expressing the goal in pursuing this degree and two writing samples**): <http://music.asu.edu/admissions/grad/applying> (<http://music.asu.edu/admissions/grad/applying>)
- official transcripts
- GRE scores

**Preferably, the writing sample should be a paper from an upper-level undergraduate course or a graduate course, or an article or document written by the applicant.

Materials required to complete your application for faculty review:

- three letters of recommendation
- official transcripts
- proof of English proficiency for any applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
460-965-5069

Music (Performance), DMA (FAPERFDMA)

Online Degree Search Title: Music Performance (DMA)

Campus: Tempe

Program Description:

The DMA in music, concentration in performance, is a professional degree program for advanced musicians desiring high levels of performance instruction and experience as well as preparation for teaching positions at the university level. The program provides extensive faculty and guest artist interaction and opportunities to develop advanced skills in traditional and contemporary pedagogy. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements: 90 credit hours, a research paper, a written comprehensive exam, an oral comprehensive exam and two foreign language exams, or 90 credit hours, a research paper, a written comprehensive exam, and an oral comprehensive exam.

The credit requirements for the degree are distributed as follows:

major area (studio instruction, courses in concentration) (39)
music history and music theory (27)
recitals and research (24)

The performance concentration requires at least three recitals after admission to the program and a research paper or project. Five recitals are required for the collaborative piano track.

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to

enrollment in the ASU School of Music.

Thirty hours from a master's degree may be applied toward the 90-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 bachelor's degree. A minimum of two semesters must be spent in continuous full-time residence at ASU. At least 54 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: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

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 who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- an online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and repertoire list): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening recording: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts
- piano pedagogy applicants: teaching demonstration video: http://music.asu.edu/admissions/auditions/grad/piano_pedagogy.php (http://music.asu.edu/admissions/auditions/grad/piano_pedagogy.php)
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Application Deadlines

For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/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 a live audition: <http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music Education, MM (FAMUSEDMM)

Online Degree Search Title: Music Education (MM)

Campus: Tempe

Program Description:

The MM in music education is designed for individuals interested in music teaching and learning in public and private schools, community education settings, early childhood programs and adult education. Practicing teachers as well as community musicians and music educators interested in advanced studies in music teaching and learning may enroll. Students may elect courses in each part of the degree program and can 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.

Degree Requirements: 32 credit hours and a written comprehensive exam.

The degree credit requirements are distributed as follows:

- music education core (10)
- musicianship core (10)
- specialization (12)

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

Six credits may be transferred from another regionally accredited graduate institution. Up to nine credits may be taken prior to admission.

Additional information on degree requirements for all graduate music programs may be found on the check sheets posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

- graduate admission application and application fee
- School of Music application (including a resume): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- three letters of recommendation
- official transcripts
- proof of English proficiency (international applicants): <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Application Deadlines

Applicants are encouraged to complete their applications as early as possible. For more information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>). To ensure prompt processing of applications, email MusicAdmissions@asu.edu (<mailto:MusicAdmissions@asu.edu>) after submitting an application.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music

http://music.asu.edu
MUSIC E167
MusicAdmissions@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 program 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 that the student is prepared to offer instruction in basic music theory at the college level. The certificate may be pursued concurrently with enrollment in a master's or doctoral degree program in the School of Music.

Degree Requirements: 15 credit hours.

Required (3)

MTC 525 Pedagogy of Theory (3)

Other Requirement (3)

MTC 584 Internship (3)

Diagnostic Exams*

Electives (9)**

*Completion of diagnostic examinations in music history and music theory, administered by the School of Music, is required of all new graduate music students before enrolling in any graduate academic courses towards the certificate program.

** With advisor's approval, select three graduate MTC courses in analytical topics

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Must hold a bachelor's degree from an accredited institution with a major in music or music education. 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, MTC 223). The music theory faculty will review transcripts for equivalency. In some cases, course descriptions or syllabi may be required to verify equivalency. *

- Minimum of a 3.00 cumulative GPA (scale is 4.0 = "A") in the last 60 hours of a bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in any applicable graduate work.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts**
- proof of English proficiency***
- letters of recommendation

Other admission criteria

- Applicants will submit a statement of interest offering reasons for applying to the certificate program and describing their experience and course work in music theory. The essay should also indicate the applicant's level of piano proficiency (a necessary classroom skill) through description of study and experience in keyboard performance.

- Applicants will also be 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).

*The committee supervising this certificate program will 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.

** 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 course work in music at the graduate level are required.

***Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The admission committee will rank applicants on a 100-point scale in which 75 possible points are allotted to the quantity and content of previous courses (based both on the student's description of this experience and on the evidence of transcripts), 15 to the samples of work, and 10 to piano proficiency. A minimum total score of 80 is required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<https://music.asu.edu>
MUSIC E167
musicadmissions@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 music therapists with graduate-level study in the theory and practice of music therapy. The program fosters an expanded research perspective in music therapy, emphasizing community partnerships, community-based music therapy program development and external funding, that culminates in a graduate clinical project or thesis. Candidates for the program must hold the credential Music Therapist-Board Certified or a similar international music therapy credential. Candidates for the program must hold undergraduate degrees in either music or music therapy. Applicants who have completed a four-year Bachelor of Music in music therapy and received board certification from the Certification Board for Music Therapists qualify for the two-year track; applicants with an undergraduate degree in music (Bachelor of Music or Bachelor of Arts in music), but not in music therapy, qualify for the three-year track.

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)
other studies in music (8)
clinical cognate (9)

Three-Year Track: In addition to the above requirements, the three-year track requires 30 hours of deficiency course work for a total of 63 credit hours, including completion of an internship required for certification.

Other requirements: Completion of diagnostic exams in music history 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 posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- They must hold a U.S. bachelor's degree in music or music therapy from a regionally accredited institution or the equivalent of a U.S. bachelor's

degree from an international institution officially recognized by that country.

- They must have achieved a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work.

They must have proficiency in English. If an applicant's native language is not English (regardless of where they may now reside), they must provide proof of English proficiency. The School of Music does not offer conditional admission under any circumstances.

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

Application Requirements:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions>

(<https://students.asu.edu/graduate/admissions>)

- School of Music application (including a resume and personal statement): <http://music.asu.edu/admissions/grad/applying/>

(<http://music.asu.edu/admissions/grad/applying/>)

- three letters of recommendation
- official transcripts
- audition: http://music.asu.edu/admissions/auditions/grad/music_therapy.php (http://music.asu.edu/admissions/auditions/grad/music_therapy.php)
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency>

(<https://students.asu.edu/graduate/proficiency>)

Application Deadlines:

For information on application deadlines, see <http://music.asu.edu/admissions/deadlines> (<http://music.asu.edu/admissions/deadlines>). Applicants are encouraged to apply and complete their applications as early as possible. To ensure prompt processing of applications, email MusicAdmissions@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 will be scheduled after receipt of complete application materials. A phone interview may be arranged.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Performance (Collaborative Piano), MM (FACPIANOMM)

Online Degree Search Title: Piano, Collaborative (MM)

Campus: Tempe

Program Description:

Students in the MM program in performance, with a concentration in collaborative piano, perform with all instrumental areas and voice, focusing on collaborative endeavors such as art song recitals, instrumental duos and chamber music, operatic productions and participation in our large ensembles. Students refine specific pianistic skills while developing the knowledge and abilities to be skilled and sensitive musical collaborators. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements: 32 credit hours and a written comprehensive exam.

The degree credit requirements are distributed as follows:

collaborative piano and performance (including four recitals) (18)

music history, music theory and electives (14)

At least one year of college-level course work in either French, German or Italian and at least one of the following are required:

one semester of diction in each of the two other languages

one semester of language instruction in each of the two other languages

Language deficiencies must be made up during the first year of study.

Other requirements: Completion of diagnostic exams in music history 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 posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

Materials due by the application deadlines below:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and repertoire list): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must perform an audition (<http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>)) for admission. Auditions are scheduled following receipt of complete application materials.

Applicants must fulfill both the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Application Deadlines

Please see the program website for application deadlines. After receipt of complete application materials (including recommendation letters, transcripts and English proficiency), an applicant will be confirmed for a live audition.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@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 is appropriate for any musician (teacher or performer) who desires to obtain a position at the college and university level as a conductor of orchestras or wind bands and for public school teachers of orchestras and wind bands who want to strengthen their skills.

There are two tracks within this concentration. The wind band track is designed to meet the needs of the conductor focusing on band directing.

Required courses are specific to conducting wind bands and elective courses can be taken for further band study.

The orchestral track is designed to meet the needs of the conductor focusing on orchestral conducting. Required courses are specific to orchestral conducting and elective courses provide additional opportunities for further orchestral study.

Degree Requirements: 32 credit hours including a written exam and the required capstone courses (MUP 596 and MUP 597).

Wind Band Track: (32 credit hours)

required core courses (14)

required track courses (11-12)

elective or research courses (4-5)

culminating experience: (2)

MUP 596 Solo Performance

MUP 597 Solo Performance

Orchestral Track: (32 credit hours)

required core courses (15)

required track courses (11-12)

elective or research courses (3-4)

culminating experience (2)

MUP 596 Solo Performance

MUP 597 Solo Performance

Other requirements: Completion of diagnostic exams in music history and music theory is required of all new graduate music students prior to enrollment in the ASU School of Music.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- at least a 3.00 (on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- Test of English as a Foreign Language (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

The School of Music does not offer conditional admission under any circumstances.

Application Requirements:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions>
(<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and repertoire list): <http://music.asu.edu/admissions/grad/applying/>
(<http://music.asu.edu/admissions/grad/applying/>)
- prescreening video: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts

proof of English proficiency for an applicant whose native language is not English:

<https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Application Deadlines:

Please 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 component may be found here: <http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Music Theatre/Opera Performance), MM (FAMUTPOMM)

Online Degree Search Title: Music Theatre/Opera Performance (MM)

Campus: Tempe

Program Description:

The MM program in performance with a concentration in musical theatre and opera performance provides students the opportunity to choose from three specific emphases: opera, musical theatre or music direction. Regardless of the emphasis, students have ample opportunities to study both musical theatre and opera.

The Master of Music in opera is designed to prepare students for entry-level career opportunities in the opera world, including young artist training programs, doctoral programs and other advanced study and emerging artist professional endeavors. In addition to studio voice instruction and advanced work in acting and performance techniques, students study standard and contemporary operatic repertoire and are required to perform major roles in at least two Lyric Opera Theatre productions.

A student in the Master of Music in the musical theatre concentration receives ongoing practical training and performance experience to further hone performance skills for professional work as a musical theater singer and actor. In addition to studio voice instruction and advanced work in acting and performance techniques, students study repertoire from the traditional and contemporary musical theatre canon and are required to perform major roles in at least two Lyric Opera Theatre productions.

The Master of Music in music direction is an entry-level program in conducting with an emphasis in music direction for theatre. The program is geared toward those with strong keyboard or piano skills who are eager to learn the skills necessary for a successful career as a musical director. This competitive program admits only one student per year and includes study of both opera and musical theater repertoire. Since 1991, the graduates of this program have had a remarkable record of success, whether working in the profession, in academia or in pursuing further conducting study.

Degree Requirements: 32 credit hours and a written comprehensive exam.

The credit requirements for the concentration in music theatre performance and opera performance are distributed as follows:

studio instruction (8)

courses in specified emphasis (12)

music history, music theory and electives (12)

Sixteen hours of college-level credit in more than one foreign language, chosen from French, German or Italian, are required for graduation.

The credit requirements for the degree in music theatre performance direction are distributed as follows:

piano studio instruction (4)

courses in emphasis (15)

music history, music theory and electives (13)

Other requirements: Completion of diagnostic exams in music history 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 posted here:
<http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and repertoire list): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- prescreening video: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Application Deadlines:

Please see the program website for application deadlines. After receipt of completed application materials (including recommendation letters, transcripts and proof of English proficiency) and review of prescreening materials, an applicant may be invited for a live audition (<http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>)).

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@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 Western art music, with an emphasis on pedagogy. Students work on specific performance skills while developing the knowledge and abilities to be music pedagogues in their area. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with a broad and well-rounded foundation for advanced careers in music.

Over the course of the program, the candidate will prepare two recitals: one solo or lecture recital and one studio recital by the candidate's laboratory pupils.

Degree Requirements: 32 credit hours and a written comprehensive exam.

The credit requirements for the degree are distributed as follows:

- studio instruction (8)
- courses in concentration (including one solo or lecture recital and one studio recital) (8-12)
- music history, music theory and electives (12-16)

Vocalists: Sixteen hours of college-level credit in more than one foreign language, chosen from French, German and Italian, are required for graduation.

Other requirements:

Completion of diagnostic exams in music history 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 posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements

Materials due by the application deadlines below:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and repertoire list): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- Voice applicants must submit a prescreening video: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts
- a teaching demonstration video (piano applicants): http://music.asu.edu/admissions/auditions/grad/piano_pedagogy.php (http://music.asu.edu/admissions/auditions/grad/piano_pedagogy.php)
- proof of English proficiency for any applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must perform an audition (<http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>)) for admission. Auditions are scheduled following receipt of complete application materials (and favorable review of prescreening materials, when applicable).

Application Deadlines

Voice applicants: Please 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 a live audition.

Instrumental and keyboard applicants: Please see the program website for application deadlines. After receipt of complete application materials (including recommendation letters, transcripts and proof of English proficiency), an applicant will be confirmed for a live audition.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@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 Western art music, with an emphasis in performance. Students work on specific skills for their instruments while developing the knowledge and abilities to become leaders in the music community. The opportunity to collaborate with music scholars, theorists, composers, educators and other performers provides students with a broad and well-rounded foundation for advanced careers in music.

Degree Requirements: 32 credit hours and a written comprehensive exam.

The credit requirements for the degree are distributed as follows:

studio instruction (8)
courses in concentration (including two public performances) (8-9)
music history, music theory and electives (15-16)

Vocalists: Sixteen hours of college-level credit in more than one foreign language, chosen from French, German or Italian, are required for graduation.

Other requirements: Completion of diagnostic exams in music history 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 posted here: <http://music.asu.edu/students/grad/checksheets.php> (<http://music.asu.edu/students/grad/checksheets.php>).

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- U.S. bachelor's degree or higher from a regionally accredited institution or the equivalent of a U.S. bachelor's degree from an international institution officially recognized by that country
- B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency:

- TOEFL score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5
- Pearson Test of English (PTE) score of at least 60

The School of Music does not offer conditional admission under any circumstances.

Application Requirements:

- online graduate admission application and application fee: <https://students.asu.edu/graduate/admissions> (<https://students.asu.edu/graduate/admissions>)
- School of Music application (including a resume, personal statement and repertoire list): <http://music.asu.edu/admissions/grad/applying/> (<http://music.asu.edu/admissions/grad/applying/>)
- Voice applicants must submit a prescreening video: <http://music.asu.edu/admissions/auditions/prescreening.php> (<http://music.asu.edu/admissions/auditions/prescreening.php>)

Materials required to complete the application for faculty review and audition consideration:

- three letters of recommendation
- official transcripts
- proof of English proficiency for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must perform an audition (<http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>)) for admission. Auditions are scheduled following receipt of completed application materials (and favorable review of prescreening materials, when applicable).

Application Deadlines:

Voice applicants: Please see the program website for application deadlines. After receipt of completed application materials (including recommendation letters, transcripts and proof of English proficiency) and review of prescreening materials, an applicant may be invited for a live audition.

Instrumental and keyboard applicants: Please see the program website for application deadlines. After receipt of completed application materials (including recommendation letters, transcripts, and proof of English proficiency), an applicant will be confirmed for a live audition.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Socially Engaged Practice in Design and the Arts (Certificate), Certificate (HISEPGRCT)

Online Degree Search Title: Socially Engaged Practice in Design and the Arts

Campus: Tempe

Program Description:

Socially engaged practice centers around participation, reciprocal relationships, and collaborations in which arts and design promote civic dialogue and investigate pressing issues of our time. This certificate program provides a theoretical framework, rigorous training and field experience in arts and design in civic and applied settings.

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 MUP693, or THP 593 or THP 693).

required courses (6)

elective courses (6)

culminating experience: applied project (3)*

*a 593 course in ART, AME, DCE, DSC, MUP, THP or 693 course in DCE, DSC, MUP or THP

Admission Requirements:

Applicants must meet the admission criteria for the Division of Graduate Education.

Applicants must complete an online graduate admission application.

At the graduate level, students must have a minimum GPA of 3.50 from undergraduate study and the maintenance of a 3.50 GPA in the certificate program. Students must submit a letter of intent and a written recommendation or nomination letter.

No admission examinations are required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/institute/initiatives/socially_engaged_certificate/
GHALL 132
HerbergerSEP@asu.edu
480-965-5337

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 and historiography, theory, literature and dramaturgy, and practice. Students will have the opportunity to tailor their plan of study to specific research and artistic subject areas and will prepare a research thesis as the culmination of their studies. The program

is designed for those who wish to later enter a PhD 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.

This program consists of:

required courses (15)

electives (9)

thesis, chosen by the student and approved by the student's faculty committee (6)

Admission Requirements:

Applicants must submit an online graduate admission application.

Please see the program website for application deadlines.

Students should provide:

- current curriculum vitae
- sample of scholarly writing
- statement of purpose*
- GRE general scores**
- three letters of recommendation from professionals familiar with their work
- proof of English language proficiency***

*The statement of purpose should address the student's background and experiences as they relate to the student's reasons for pursuing the doctorate, describe the student's research interests and indicate future career goals.

**Subject scores are optional.

***An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of the Division of Graduate Education; those of the School of Film, Dance and Theatre; and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Arts Entrepreneurship and Management), MFA (HITHEAEMFA)

Online Degree Search Title: Theatre (Arts Entrepreneurship and Management)

Campus: Tempe

Program Description:

The MFA program in theatre with a concentration in arts entrepreneurship and management provides students with the opportunity to learn as part of the unique cohort, MFA in theatre. The concentration teaches the skills of arts entrepreneurship, arts management and arts marketing within the context of the MFA in theatre degree, 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 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.

This program requires 60 credit hours, or 63 credit hours if the student applies for and concurrently pursues the nonprofit leadership and management graduate certificate.

core course credit hours (15)

concentration course credit hours (27)

elective or research course credit hours (12 or 15)*

culminating experience: applied project and written document with oral defense (3)

other requirements:

THP 680 Practicum (1)

THP 680 Practicum (1)

THP 684 Internship (1)

*Twelve elective credit hours are required for the 60-credit Master of Fine Arts. However, if students elect to pursue the NLM certificate concurrently, then they will need to take an additional three-credit elective course in the NLM program to complete the certificate and degree requirements.

Admission Requirements:

Students must meet all admission requirements of the Division of Graduate Education.

Please see the program website for application deadlines and admission terms.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

In addition, the School of Film, Dance and Theatre requires a minimum of 30 undergraduate semester hours of course work in theatre, film, dance, music, art or business with a minimum GPA of 3.20 overall.

For the concentration in arts entrepreneurship and management, requirements also include:

- three letters of recommendation from professionals who can speak to the potential for success in arts entrepreneurship or management
- resume
- sample of critical writing, such as a term paper or research project (in lieu of GRE scores)
- statement of educational and professional objectives
- sample of materials 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, business plans
- interview (interviews may be conducted on campus or remotely)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for

School of Film, Dance and Theatre

<https://filmdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Theatre (Directing), MFA (FADIRMFA)

Online Degree Search Title: Theatre (Directing) MFA

Campus: Tempe

Program Description:

Admission to the directing, performance and performance design concentrations is cohort-based.

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, indeed, 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 percent of the course work. Classes also include:

- acting: viewpoints and composition
- assistant directing for a professional or faculty director working on the main stage

- design collaboration
- directing the new play
- dramatic theory and criticism
- dramaturgy
- performance technology
- projects in community-based drama
- re-envisioning
- research methods
- solo performance
- theatre for social change
- theatre history and literature
- theatre organization and management

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 an MFA playwright
- directing one applied project in the main-stage 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 MFA director.

Admission Requirements:

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.

Please see the program website for application deadlines and admission terms.

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education, the School of Film, Dance and Theatre, and the Herberger Institute for Design and the Arts.

In addition to the requirements outlined on the Division of Graduate Education website, the School of Film, Dance and Theatre requires additional application components for the Master of Fine Arts in theatre, directing concentration, including:

- a personal interview
- a statement of purpose
- a current resume
- a written directorial approach to a play selected by the reviewing committee
- three letters of reference from professionals familiar with the student's work

Contact Information:

Design & the Arts, Herberger Institute for
 School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
 GHALL 232
 fdt@asu.edu
 480-965-5337

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 will include course work 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 Film, Dance and Theatre's support for the production of new plays and performance works written by its Master of Fine Arts students

is an aspirational model for other institutions. Student-written work is highlighted in the annual new works series.

Degree Requirements: 60 credit hours including the required applied project course (THP 693).

The program is composed of the following:

- required core courses (27)
- required concentration courses (9)
- elective courses (18)
- applied project (6)

The student will write a thesis play as the applied project, which will be developed as one of the following:

- a full production on the school's main stage
- a staged reading
- a workshop production

Admission Requirements:

Potential students must meet all admission requirements of the Division of Graduate Education. In addition, applicants should have an undergraduate major in theatre or in creative writing, with a GPA of 3.00 or above. An applicant may have an undergraduate degree outside of theatre or film 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must submit the following:

- three letters of recommendation
- current resume
- statement of career goals and a profile of your writing endeavors or interests
- manuscript sample of one of the following: a full-length play (60 pages or more) or a series of one-act plays (30 pages minimum)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Interdisciplinary Digital Media), MFA (FATHEADMFA)

Online Degree Search Title: Theatre (Interdisciplinary Digital Media) (MFA)

Campus: Tempe

Program Description:

This graduate concentration is offered through the School of Film, Dance and Theatre in collaboration with the School of Arts, Media and Engineering. It focuses on the growing importance of digital media as a way of making and thinking about art. School of Arts, Media and Engineering courses and 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.

Degree Requirements: 60 credit hours including the required applied project course (THP 693).

The degree requirements are:

- 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)
- research and applied project (15)
- core courses in theatre theory, history and practice (27)

The overall course of study is developed with the advisor to ensure a breadth of transdisciplinary knowledge.

Admission Requirements:

Please see the program website for application deadlines, but please note that for financial aid purposes, the School of Arts, Media and Engineering deadline is Feb. 1.

- Applicants must submit an online graduate admission application.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of the Division of Graduate Education and the School of Film, Dance and Theatre; the School of Arts Media and Engineering; and the Herberger Institute for Design and the Arts.

The School of Film, Dance and Theatre requires the following additional application materials for the master's degree in interdisciplinary digital media:

- a current resume
- a portfolio of materials that support the statement of purpose (writing samples, electronic performance materials, etc.)
- a statement of purpose detailing the applicant's background in theatre, as well as the applicant's interest in and suitability for work in the interdiscipline of theatre and digital media
- three letters of recommendation from professionals familiar with the applicant's work

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Performance Design), MFA (FAPERDMFA)

Online Degree Search Title: Theatre (Performance Design) MFA

Campus: Tempe

Program Description:

Admission to the directing, performance and performance design concentrations is cohort-based.

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.

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.
- 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 will culminate 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.

Program continuation is contingent upon a successful review.

Admission Requirements:

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. Please see the program website for application deadlines and admission terms.

Applicants must fulfill the requirements of the Division of Graduate Education, the School of Film, Dance and Theatre, and the Herberger Institute for Design and the Arts.

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The School of Film, Dance and Theatre requires the following additional application components:

- academic writing sample
- current resume
- personal interview
- 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

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Performance), MFA (FAPERFMFA)

Online Degree Search Title: Theatre Performance (MFA)

Campus: Tempe

Program Description:

The MFA program in theatre, concentration in performance re-envisions the role of the artist in society focusing on the devising and development of new work. The program stresses an actor-creator model as well as fostering a critical, conceptual thinker and collaborator by offering skills for developing artistic entrepreneurship, innovating performance applications in multimedia and transdisciplinary collaboration, informed by artistic integrity and social responsibility.

The school offers multiple approaches to new work development:

- connected motion
- devising
- Fitzmaurice voicework
- Lecoq
- new play development
- performance technology
- rasaboxes
- solo and collaborative performance
- Viewpoints

In addition to core physical and vocal training, the program offers a rich variety of guest artists each semester, undergraduate level teaching opportunities, study abroad 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:

- Chicago Dramatist Theatre
- Cleveland Playhouse
- Dah Theatre, Belgrade, Serbia
- Hartford Stage
- North Coast Rep
- One Yellow Rabbit
- SITI Company

- Syntetic Theatre
- Theatre L'Homme Dieu
- The Bali Purnati Art Centre
- Victory Gardens

Eight performers will be admitted to the cohort every three years.

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. The year will culminate in a final site-specific showcase performance.
- Second-year training provides opportunities for students to explore their work in a wide range of performance modalities such as community-embedded drama, performance art, solo performance, performance and technology, devising, and working with guest artists. 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.

Students conclude their graduate studies with an applied performance project, specifically suited to their needs and interests. 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 submit an online graduate admission application. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Film, Dance and Theatre, and the Herberger Institute for Design and the Arts.

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.

Please see the program website for application deadlines and admission terms.

The School of Film, Dance and Theatre requires additional application components for the Master of Fine Arts in theatre (performance):

- current resume
- statement of purpose
- academic writing sample
- an audition
- an interview, either on campus or at one of the university or resident theatre association sites
- three letters of recommendation from professionals familiar with the student's work

Contact Information:

Design & the Arts, Herberger Institute for
 School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
 GHALL 232
 fdt@asu.edu
 480-965-5337

Theatre (Theatre For Youth), MFA (FAYOUTHMFA)

Online Degree Search Title: Theatre for Youth (MFA)

Campus: Tempe

Program Description:

This MFA program educates artists, teachers, scholars and advocates to take a leading role in the future of theatre. With a dual focus on working with young people and serving a diverse global community, students are equipped with the skills, knowledge and understanding to become national and international leaders in the field.

Students are prepared for careers in professional theatre as artists or education directors, specialists in arts organizations, or as teachers in

elementary or secondary education.

Many students who have pursued the theatre for youth concentration under the MFA in theatre have also obtained a state of Arizona teacher certification or graduate certificates in nonprofit leadership and management or socially engaged practice in design and the arts outside of this degree program.

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. The emphasis areas prepare students for careers in professional theatre, as artists or education directors, specialists in arts organizations, or as teachers in elementary or secondary education. An internship with a professional theatre company, school or arts organization and a final applied project complete the program.

Admission Requirements:

Each year, four applicants are selected.

Applicants must submit:

- an online graduate admission application and fee
- immunization records
- international student visa information
- proof of English language proficiency*
- transcripts

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Film, Dance and Theatre, and the Herberger Institute for Design and the Arts. Please see the program website for application deadlines.

The following additional application components are also required:

- current resume
- statement of purpose clearly explaining the applicants aesthetic and educational philosophies and future career goals*
- an interview**
- three letters of recommendation from professionals familiar with the applicant's work

*After reading the statement, the faculty should understand not only applicant's current passions but also why the theatre for youth 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.

**Applicants are invited to a group interview date, normally scheduled on the first Friday of February.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Theatre For Youth), PHD (FAYOUTHPHD)

Online Degree Search Title: Theatre for Youth (PhD)

Campus: Tempe

Program Description:

This PhD program educates artists, teachers and scholars to take a leading role in the future of theatre. With a dual focus on working with young people and serving a diverse global community, this program will equip students with the skills, knowledge and understanding to become national and international leaders in the field.

Graduates are prepared for careers as leading academics and researchers in the fields of theatre, theatre education, youth studies and related fields.

Degree Requirements: 90 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The concentration in theatre for youth requires:

core courses (30)

research and dissertation preparation (24)

courses in research methodology, approved by the supervisory committee (6)*

*Where appropriate, the supervisory committee may approve certification of literacy in a foreign language as meeting this research methodology requirement. This approval is granted only in those circumstances wherein fluency in that language is necessary for the dissertation research.

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
- tutorial courses

Students may also take courses outside the School of Film, 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
- the arts and arts education

All activities are selected to help students meet the goals of the program and develop the capability of becoming leaders in the field.

Additional Requirements:

- preliminary 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

Admission Requirements:

Applicants must submit:

- an online graduate admission application
- application fee
- GRE exam
- proof of immunizations
- international student visa information
- proof of English language proficiency*
- transcripts

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Film, Dance and Theatre.

Please see the program website for application deadlines.

The School of Film, Dance and Theatre requires additional application components for the doctoral program in theatre with a concentration in theatre for youth:

- an interview
- current curriculum vitae

- sample of scholarly writing
- statement of purpose, which should explain the applicant's research, artistic and educational philosophies and goals as appropriate to the applicant's desired focus in the doctoral program and how study in the ASU theatre for youth program might particularly suit these goals and philosophies
- three letters of recommendation from professionals familiar with the applicant's work that should address, specifically, the applicant's potential for success in a doctoral program

Contact Information:

Design & the Arts, Herberger Institute for
 School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu>
 GHALL 232
 fdt@asu.edu
 480-965-5337

Theatre (Theatre/Performance Americas), PHD (FAPERAMPHD)

Online Degree Search Title: Theatre (Performance America) PhD

Campus: Tempe

Program Description:

The PhD in theatre with a concentration in theatre and performance of the Americas is a program that trains scholars to examine the histories, theories and practices associated with cultural performance from a hemispheric point of view. Through course work, seminars, research and study opportunities, doctoral students work from diverse critical perspectives that mobilize thought across geographical and disciplinary borders. They develop skills to re-examine 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 the choice of specialized seminar and practical experiences. The first year of study immerses students in the theoretical and practical groundwork of performance research, in general, and modalities of performance in the Americas, in particular. In the second year, students build on research interests identified in the first year through specialized course work 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.

The program requires 60 credit hours after completion of a master's degree in a relevant discipline.

The concentration in theatre and performance of the Americas consists of:

core courses (24)

electives, two of which must come from outside the school (as approved by the supervisory committee) (12)

research and dissertation preparation (24)

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
- topics seminars

Students may also take courses outside the School of Film, 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 composed 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 submit an online graduate admission application.

Please see the program website for application deadlines.

The School of Film, Dance and Theatre requires additional application components:

- current curriculum vitae
- GRE exam scores
- sample of scholarly writing
- statement of purpose*
- three letters of recommendation from professionals familiar with the student's work

*The statement of purpose should address the student's background and experiences as they relate to the student's reasons for pursuing the doctorate, describe the student's research interests, and indicate future career goals.

An interview is strongly recommended.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please note only students who have already earned a master's degree in a relevant area are accepted.

Applicants must fulfill the requirements of the Division of Graduate Education, the School of Film, Dance and Theatre, and the Herberger Institute for Design and the Arts.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Urban Design, MUD (ARMUDMUD)

Online Degree Search Title: Urban Design (MUD)

Campus: Tempe

Program Description:

Situated within The Design School, the MUD program is a transdisciplinary postprofessional graduate program integrating newly emerging research and applied practices from the disciplines of architecture, landscape architecture, ecology, law, civil engineering, planning, public programs, systems theory and real estate development with the ever changing realities of our larger world. The program leverages our local Arizona conditions --- our rapidly urbanizing metropolis, arid climate, cultural diversity and our New American University --- toward the development of responsible global initiatives and innovative design strategies for urban environments.

The curriculum is built around the analysis and understanding of contemporary urban conditions specific to rapidly urbanizing and arid regions of the world. Students are encouraged to pursue concurrent graduate degrees within The Design School.

Degree Requirements: 45 credit hours and a thesis, or 45 credit hours including the required applied project course (MUD 593), or 45 credit hours including the required capstone course (MUD 622).

Master of Urban Design (MUD) Degree Requirements:

First Year

Fall

MUD 590 Advanced Urban Design Studio I (5)

MUD 598 Urban Design Elements (3)
Design Professional Elective (3)

Spring

ATE 598 Topic: Sustainability of the Built Environment (3)
MUD 591 Advanced Urban Design Studio II (5)
MUD 598 Urban Design Issues (3)

Summer (recommended but not required)

Professional Internship or Design Professional Elective or Design School International Study Abroad Program (3)

Second Year

Fall

MUD 621 Advanced Urban Design Studio III (5)
MUD 692 Research (3)
Design Professional Elective (3)

Spring

MUD 622 Advanced Urban Design Studio IV or MUD 599 Thesis or MUD 593 Applied Project (5)
Design Professional Elective (3)
Urban Design Professional Elective (3)
Total credit hours in program: 45

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants who hold a studio-based four-year undergraduate design degree will be considered for the two-year MUD program. The MUD is a postprofessional program.

Program Admission Requirements

- Applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU in a studio-based design discipline.
- Applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- Applicants must provide an official copy of GRE scores (unofficial copies will not be accepted). For more information, visit the GRE website or <https://uoeee.asu.edu/testing> (<https://uoeee.asu.edu/testing>).
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found on the Graduate Education website at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need to be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the graduate admission application requirements.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

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 two-year program with deficiencies if their previous course work is not equivalent to the ASU undergraduate requirements and standards. Deficiencies must be completed prior to taking the required courses, if necessary. Please 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.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://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 60 credit hour studio-based degree program. Students of this program work on strategic visual communication design projects with a focus on the development of visual language systems firmly grounded on the principles of information design, typography and interaction design. Students engage in visual and theoretical research, ideation, visualization, prototyping and testing of creative solutions that address critical problems faced in the contemporary visual world. Graduates of this program are adept in working with fundamental principles of visual communication design, emotional intelligence and systems thinking in problem identification and its appropriate contextual solutions. The graduates pursue professional practice in visual communication and multimedia industry as well as in academia.

Degree Requirements: 60 credit hours including the required capstone course (GRA 622).

Two-year track

core (43 credit hours)

electives (6 credit hours)

internship (DSC 598, GRA 584) (6 credit hours)

capstone (GRA 622) (5 credit hours)

Three-year track

deficiency courses (21 credit hours)

graduate courses, internship and a capstone course (81 credit hours)

Admission Requirements:

All applicants must complete the online graduate admission application.

Admission Requirements to the Two-Year Program

- All applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU.
- 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.
- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found on at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the Division of Graduate Education application requirements.

No GRE test is required.

Admission Requirements to the Three-Plus-Year Program

- All applicants must hold an undergraduate or graduate degree from a college or university recognized by ASU.
- All applicants must have earned a bachelor's degree (or equivalent) in a field other than in visual communication design or graphic design.
- All applicants must meet the minimum GPA requirements as established by the Division of Graduate Education.
- An applicant whose native language is not English (regardless of current residency) is required to submit an official Test of English as a Foreign Language (TOEFL) score of at least 80 (Internet-based) or 550 (paper-based). Other information for international applicants can be found at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).
- A portfolio, letter of intent and contact information for three references need be submitted to SlideRoom (<https://asuherberger.slideroom.com>) (<https://asuherberger.slideroom.com>). The Design School requires that these be submitted in addition to the Division of Graduate Education application requirements.

No GRE test is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Herberger Institute for Design and the Arts.

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 two-year program with deficiencies if their previous course work 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.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://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 aerospace engineering MS program offers two track options: a thesis option and a nonthesis option.

The nonthesis option has two possible culminating experiences: a portfolio or an applied project. The applied project option requires a faculty advisor.

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.

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).

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 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 in the following courses:

- at least 12 credit hours of graduate MAE course work (500 level and above) for thesis students; at least 15 credit hours of graduate MAE course work (500 level and above) for nonthesis students
- at least six credit hours of graduate mathematics-oriented courses (500 level and above)
- at least six credit hours of additional graduate (500 level and above) courses, which are not restricted to MAE courses or to other technical electives*
- six credit hours of MAE 599 Thesis for thesis students or up to six hours of MAE 593 Applied Project for applied project students, or three hours of additional graduate electives (500 level and above) for portfolio students**

A final defense of the thesis will be required for students in the thesis option.

*A maximum of 3 credit hours of MAE 584 Internship may be counted toward this requirement.

**These additional three hours of graduate electives are not restricted to MAE courses.

Accelerated Degrees:

This degree is also offered as an accelerated 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Admission to the aerospace engineering graduate program is highly competitive. To be considered for admission to the master's program, the student must submit these items:

- online graduate admission application
- application fee
- official GRE score
- proof of English language proficiency*
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) is required to achieve a minimum score of 80 on the Internet-based Test of English as a Foreign Language (TOEFL).

GPA requirement for 4+1 admission is a 3.50 major GPA.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<http://semte.engineering.asu.edu/aerospace-graduate/>
ECG 207
semtegrad@asu.edu
480-965-4979

Aerospace Engineering, PHD (ESAERSPPHD)

Online Degree Search Title: Aerospace Engineering (PhD)

Campus: Tempe

Program Description:

The PhD program in aerospace engineering accommodates individual interests and encourages independent and innovative study. Students are part of a diverse intellectual community dedicated to advancing the state of the art and practice of aerospace engineering.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

84 credit hours
qualifying exam
written and oral comprehensive exams
prospectus
dissertation

All students pursuing the PhD are required to pass both a qualifying and a comprehensive examination administered by the program committee. In addition:

course work 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 PhD 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:

Admission to the aerospace engineering doctoral program is highly competitive. Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

To be considered for admission to the program, the student must submit these items:

- graduate admission application
- application fee
- GRE scores
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- proof of English language proficiency*
- three letters of recommendation

*An applicant whose native language is not English is required to achieve a minimum of score of 80 on the Internet-based Test of English as a Foreign Language (TOEFL).

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<http://semte.engineering.asu.edu/aerospace-graduate/>
ECG 207
semtegrad@asu.edu
480-965-4979

Applied Ethics and the Professions (Ethics and Emerging Technologies), MA (LAAEPEETMA)

Online Degree Search Title: Applied Ethics (Ethics and Emerging Technologies) (MA)

Campus: Tempe

Program Description:

The purpose of this program is to examine 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 will change 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
- 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).

Graduate course work is distributed as follows:

required core courses (6)
required concentration course (3)
elective concentration courses (15)
required culminating experience as capstone courses (6)

Admission Requirements:

All applicants must submit the online graduate admission application and meet both the Division of Graduate Education and program admission criteria. The following documents are required for the application process:

- official GRE scores sent directly to Graduate Admission Services
- official transcripts from all postsecondary institutions attended sent directly to Graduate Admission Services
- statement of interest in applied ethics and career goals
- three letters of recommendation

Applicants whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the Division of Graduate Education English proficiency requirements. 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 (SPEAK) or a score of 26 on the speaking portion of the Test of English as a Foreign Language (TOEFL) is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Sustainable Engineering & Built Environment
<http://ssebe.engineering.asu.edu/prospective-students/gradstudies.html>
ECG 251
sebe.advising@asu.edu
480-965-0595

Biological Design, PHD (GCBDSPHD)

Online Degree Search Title: Biological Design (PhD)

Campus: Tempe

Program Description:

The doctoral 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. Students are expected to complete the program in four to five years.

The key distinguishing features of the curriculum are:

- 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
- 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 course work includes:

BDE 701 Fundamentals of Biological Design I (9)
BDE 702 Fundamentals of Biological Design II (3)
BDE 721 Integrative Research (3)
BDE 722 Research Design (3)
BDE 751 Teaching in Science (2)
BDE 791 Seminar (must have 4 credit hours minimum)
BDE 792 Research (1-credit-hour minimum every semester)
BDE 799 Dissertation (12)
Specialized Disciplinary Courses (must have 6 credit hours minimum)

Admission Requirements:

Please see the program website for application deadlines.

Applicants must submit an online graduate admission application.

Before submitting the online application, candidates should prepare the following documents:

- GRE test scores: The institution code for ASU is 4007 and the departmental code is 0000. Subject test scores are also recommended but not required.
- Letters of Recommendation: Three letters of recommendation relative to the candidate's academic career are required.
- Personal statement: This document should reflect the candidate's career and educational goals and should explain why the candidate is interested in pursuing this degree.

- Resume: 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, please see the Division of Graduate Education website.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
<https://sbhse.engineering.asu.edu/biologicaldesign/>
ECG 346
sbhse-advising@asu.edu
480-965-3028

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 both thesis and applied project master's degrees to those students who meet the criteria for successful graduate study.

Biomedical engineering offers an accelerated BSE and MS in the biomedical engineering degree program for students in the BSE program who have maintained a GPA of 3.50 into their junior year. The program allows up to 12 credit hours of graduate-level course work taken as technical electives during the senior year to be applied toward the undergraduate and graduate degrees.

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.

Candidates 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, for a total of 30 credits:

applied project (3)
biomedical engineering course work (13)
biomedical engineering seminar (2)
general electives (6)
quantitative electives (6)

The following are program requirements for the thesis option, for a total of 30 credits:

biomedical engineering course work (9)
biomedical engineering seminar (3)
general electives (6)
quantitative electives (6)
thesis (6)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Biomedical Engineering, BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

In addition to the general requirements for admission to the graduate program, applicants must submit the following directly to Graduate Admission Services:

- an online graduate admission application
- official GRE scores
- resume or curriculum vitae
- a statement of purpose
- two letters of recommendation
- proof of English language proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program
<http://sbhse.engineering.asu.edu/>
ECG 346
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

Doctoral students are required to complete six credits from each of the following three areas (at least 18 credits):

BME graduate courses (BME prefix) (6)
life science/biology graduate courses (6)
quantitative math or engineering (6)

Students must also complete BME 780 Teaching Practicum (3).

Up to six credits of the required biomedical engineering courses and technical electives combined may be at the 400 level.

Technical Electives

No fewer than nine semester hours of course work (as determined by the student's supervisory committee) must be selected from the list of 400- to 700-level courses that are not selected as required BME courses.

Research/Dissertation

BME 792 Research (37)

BME 799 Dissertation (12)

Seminar

BME 591 (5)

Admission Requirements:

In addition to the general requirements for admission to the graduate program, applicants must submit the following:

- an online graduate admission application
- official GRE scores
- a statement of purpose
- resume or curriculum vitae
- three letters of recommendation
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the Ira A. Fulton Schools of Engineering. Please view the School of Biological and Health Systems admissions checklist on the Arizona State University website for specific admission procedures and deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of

Harrington Bioengineering Program

<http://sbhse.engineering.asu.edu/>

ECG 346

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. This degree has two track options: a thesis option and a nonthesis option. The nonthesis option has an applied project. Both options require a faculty advisor. All admitted students are assumed to be in a nonthesis option until a faculty advisor has been secured. Areas of research emphasis include but are not limited to:

- atmospheric aerosols
- biomolecular engineering
- biosensors
- chemical therapies for neurodegenerative diseases
- composite material synthesis and characterization
- electrochemistry
- electronic materials processing
- engineering education
- flexible display technology
- fuel cells
- inorganic membranes
- process design and operations
- protein synthesis
- surface, interface and colloidal science
- transport phenomena in living systems
- water purification

A graduate handbook detailing information on graduate studies in chemical engineering is available on the school website. Students should contact the graduate programs office for additional details.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (CHE 593).

All candidates for the master's degree in chemical engineering are required to complete an approved plan of study. The required course work for this degree is divided into the following categories:

Chemical Engineering Core Requirements: Students are required to take nine credit hours of graduate-level chemical engineering courses, exclusive of seminar (CHE 591), research (CHE 592), thesis (CHE 599) and reading and conference (CHE 590). These three courses (nine credit hours) must come from the following list:

CHE 533 Transport Processes I (3)

CHE 543 Thermodynamics of Chemical Systems (3)

CHE 544 Chemical Reactor Engineering (3)

Technical Electives: The amount of technical electives for each student is nine credit hours; however, the composition of the technical electives will vary based on each student's final culminating experience. At least one technical elective course (three credit hours) must be taken from outside of chemical engineering. CHE 590 Reading and Conference may be taken as a technical elective only once, for a maximum of three credit hours.

Thesis: Thesis-based students must select a minimum of nine credit hours of technical electives and may apply three credit hours of CHE 592 Research toward the nine credit hours of technical electives.

Applied Project: Students who are pursuing the applied project option must register for three credit hours of CHE 593 and will have to complete a total of six credit hours of technical electives. For more detailed information, please see the Graduate Handbook on the school website.

Seminar: All full-time chemical engineering graduate students are required to successfully complete the seminar course (CHE 591) during every semester of residence. Part-time students are required to complete CHE 591 at least three times. Only three credit hours of seminar apply toward the master's degree regardless how many times it is taken. A candidate whose undergraduate degree was in a field other than chemical engineering may be required to complete more than 33 credit hours.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Chemical Engineering, BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

To be considered for admission to the master's degree program, the student must submit these items:

- online graduate admission application
- application fee
- official GRE score
- proof of English language proficiency*
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) are required to achieve a minimum score of 100 on the Internet-based Test of English as a Foreign Language (TOEFL).

Admission to the 4+1 degree program requires a 3.5 major GPA.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of

Chemical Engineering Program

<https://semte.engineering.asu.edu/chemical-graduate/>

ECG 207

semtegrad@asu.edu
480-965-4979

Chemical Engineering, PHD (ESCHEMEPHD)

Online Degree Search Title: Chemical Engineering (PhD)

Campus: Tempe

Program Description:

The chemical engineering PhD program has areas of research emphases in:

- 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
- polymers and polymer composites
- surface, interface and colloidal science
- transport phenomena in living systems
- water purification

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

84 credit hours, qualifying exam, written and oral comprehensive exams, prospectus and a dissertation

Core Courses:

CHE 533 Transport Processes I (3)

CHE 543 Thermodynamics of Chemical Systems (3)

CHE 544 Chemical Reactor Methods (3)

Technical Electives (18) (from within or outside chemical engineering program):

CHE 591 Seminar (5)

CHE 792 Research (12)

CHE 799 Dissertation (12)

Additional Research/Elective Hours (28)

Admission Requirements:

To be considered for admission to the doctoral program, the student must submit these items:

- online graduate admission application
- application fee
- GRE scores
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- proof of English language proficiency*
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) is required to achieve a minimum score of 100 on the Internet-based Test of English as a Foreign Language (TOEFL).

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the Ira A. Fulton Schools of Engineering.

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Chemical Engineering Program
<http://semte.engineering.asu.edu/chemical-graduate/>
ECG 207
semtegrad@asu.edu
480-965-4979

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 the students to understand and practice fundamental concepts in engineering, mathematics and the basic sciences.

The pattern of course work 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:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structural engineering
- sustainable engineering
- transportation engineering

Degree Requirements: 30 credit hours and a applied project (CEE 593), or 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam.

All candidates for the master's degree thesis option are required to complete 24 credit hours of approved graduate course work 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 24 credit hours of approved graduate course work and three credit hours of CEE 593 applied project.

Candidates in the comprehensive exam option must complete 30 credit hours of approved graduate course work and complete a written comprehensive exam.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Civil Engineering, BSE
- Civil Engineering (Environmental Engineering), BSE
- Civil Engineering (Sustainable Engineering), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit an online graduate admission application.

Entry into this program requires a bachelor's degree with a major in engineering or a closely related bachelor's degree program. The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator. The minimum GPA requirement is an overall undergraduate GPA of 3.00 on a 4.00 scale. Applicants with a lower GPA may be provisionally admitted at the discretion of the admission committee.

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 programs are specified at the time of admission and details can be obtained at the graduate studies section of the program's website.

Applicants must take the GRE and have their official scores sent directly to Graduate Admission Services. Prospective students should note the following two requirements need to be met for consideration for admission: minimum score in the quantitative section is 700 and minimum combined score for the quantitative and verbal sections is 1100. More information regarding how to send official GRE scores are on the Graduate Admission Services website.

Applicants are required to submit three letters of recommendation.

Applicants are encouraged to submit a resume and personal statement.

An applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the Division of Graduate Education English proficiency requirement. Applicants required to demonstrate English proficiency, and 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 (SPEAK) or a score of 26 on the speaking portion of the Test of English as a Foreign Language (TOEFL).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<http://ssebe.engineering.asu.edu/prospective-students/civil.html>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil, Environmental and Sustainable Engineering, MSE (ESCIVILMSE)

Online Degree Search Title: Civil, Environmental and Sustainable Engineering (MSE)

Campus: Tempe, Online

Program Description:

The faculty in civil, environmental and sustainable engineering offer a professional program leading to an MSE in civil, environmental and sustainable engineering. The program is designed to bridge the gap between knowledge of engineering sciences and creative engineering practice while at the same time increasing the depth and breadth of knowledge in selected areas of emphasis.

The pattern of course work 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, on the program's website and in the program's graduate handbook. Students are admitted to one of the following specialty areas:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structural engineering
- sustainable engineering
- transportation engineering

Degree Requirements: 30 credit hours and a written comprehensive exam.

All candidates for the master's degree are required to complete approved graduate course work.

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 at the graduate studies section of the program's website.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Civil Engineering, BSE
- Civil Engineering (Environmental Engineering), BSE
- Civil Engineering (Sustainable Engineering), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their

academic department to apply.

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants are expected to satisfy all requirements for admission to the Division of Graduate Education. Entry into this program normally requires a bachelor's degree with a major in engineering or a closely related bachelor's degree program.

Students' credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator.

A minimum GPA requirement is an overall undergraduate GPA of 3.00 on a 4.00 scale. Applicants with a lower GPA may be provisionally admitted at the discretion of the admission committee.

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 programs are specified at the time of admission and details can be obtained at the graduate studies section of the program's website.

Applicants must take the GRE and have their scores sent to Graduate Admission Services. 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 the Division of Graduate Education can be found at <https://students.asu.edu/graduate/faqs> (<https://students.asu.edu/graduate/faqs>).

An applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the Division of Graduate Education English proficiency requirement. Applicants are required to demonstrate English proficiency, and 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 (SPEAK) or a score of 26 on the speaking portion of the Test of English as a Foreign Language (TOEFL).

Applicants must fulfill the requirements of both the Division of Graduate Education and those of the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<http://ssebe.engineering.asu.edu/prospective-students/gradstudies.html>
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 course work 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:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structural engineering
- sustainable engineering

- transportation engineering

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 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, students complete their research, write and successfully defend their written dissertation.

A final oral examination in the defense of the dissertation work is required for all students.

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants are expected to satisfy all requirements for admission to the program. Entry into this program requires a master's degree in engineering or a closely related master's degree program. Exceptionally qualified students with a bachelor's degree may be admitted to the doctoral program.

The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator. A minimum requirement is an overall GPA of 3.20 (on a 4.00 scale) in all postbaccalaureate graduate course work.

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.

Applicants must take the GRE and have their scores sent to Graduate Admission Services. 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://students.asu.edu/graduate/faqs> (<https://students.asu.edu/graduate/faqs>).

Applicants are required to submit three letters of recommendation, a resume and a personal statement.

An applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the Division of Graduate Education English proficiency requirement. Applicants required to demonstrate English proficiency, and 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 (SPEAK) or a score of 26 on the speaking portion of the Test of English as a Foreign Language (TOEFL).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<http://ssebe.engineering.asu.edu/prospective-students/civil.html>
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:

Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, industrial engineering and applied mathematics. Graduates of this program will have the knowledge and skills necessary 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.

The MS 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 desiring to gain experience in research. 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.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam.

The computer engineering master's degree requires:

Thesis Option:

Required core courses (6)
EEE 554 Random Signal Theory (3)
CSE 551 Foundations of Algorithms (3)
Approved electives (18)
CEN 599 Thesis (6)
Final thesis defense

Nonthesis Option:

Required core courses (6)
EEE 554 Random Signal Theory (3)
CSE 551 Foundations of Algorithms (3)
Approved electives (24)
Final written comprehensive exam

Accelerated Degrees:

This degree is also offered as an accelerated degree with Computer Systems Engineering, BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Please see the program website for application deadlines. Applicants must have 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:

- computer engineering
- computer science
- computer systems engineering
- electrical engineering

Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program.

Applicants must submit:

- an online graduate admissions application
- personal statement (indicating professional goals and reasons for desiring to enroll in the program)
- three letters of recommendations
- official transcripts sent to the Division of Graduate Education
- GRE required if undergraduate program is not ABET-accredited (<http://www.abet.org/> (<http://www.abet.org/>))
- proof of English language proficiency*

*The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English, regardless of their current residency. See <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information.

Depending on prior academic preparation and accomplishments of an applicant, deficiency courses may be specified to ensure adequate background preparation. Matriculated students will take a placement exam prior to start of classes in their first semester on the following five courses:

CSE 230 Computer Architecture and Organization
CSE 310 Algorithm and Data Structure
EEE 203 Signals and Systems
EEE 335 Analog and Digital Circuits
MAT 243 Discrete Math

A reading list of the topics covered in the placement exam will be provided in advance.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Engineering (Computer Systems), PHD (ESCENCPHD)

Online Degree Search Title: Computer Engineering (Computer Systems) (PhD)

Campus: Tempe

Program Description:

Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, industrial engineering and applied mathematics. Graduates of this program will have the knowledge and skills necessary to fundamentally advance and develop new paradigms for 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.

The PhD program 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 pursuing a career in academia, research or highly technical entrepreneurial innovation. The doctoral program provides a broader and more in-depth preparation than the MS and MSE 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.

The computer engineering doctoral degree requires:

Core (6)
EEE 554 Random Signal Theory (3)
CSE 551 Foundations of Algorithms (3)

at least 12 credit hours of CEN 792 Research

at least 24 credit hours of approved computer engineering area courses, 12 credit hours of which must be courses noted with M* or D* from the six computer engineering areas; no more than 6 credit hours may be noted with M*

at least 18 credit hours of approved graduate courses from science, engineering or mathematics

at most, six credit hours of CEN 790 Reading and Conference

12 credit hours of CEN 799 Dissertation

For more information please visit <http://cidse.engineering.asu.edu/forstudent/prospective-students/computer-engineering/>
(<http://cidse.engineering.asu.edu/forstudent/prospective-students/computer-engineering/>).

Admission Requirements:

Applicants must have 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:

- computer engineering
- computer science
- computer systems engineering
- electrical engineering

Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program. A minimum GPA of 3.00 is
430

required in the MS or MSE work for acceptance into the program.

Applicants must submit:

- an online graduate admission application
- personal statement that explains professional goals and reasons for desiring to enroll in the doctorate program, describes any research experiences and indicates personal research interest
- three letters of recommendation
- official transcripts sent to the Division of Graduate Education
- GRE (required if undergraduate program is not ABET-accredited; <http://www.abet.org> (<http://www.abet.org>))

The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

An applicant whose native language is not English (regardless of where they may now reside) must provide proof of English proficiency.

Depending on prior academic preparation and accomplishments of an applicant, deficiency courses may be specified to ensure adequate background preparation.

Applicants must fulfill both the requirements of the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@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, industrial engineering and applied mathematics. Graduates of this program will have the knowledge and skills necessary 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.

The MS 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 desiring to gain experience in research. Master's degree program graduates may work under the direction of scientists and engineers 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.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam.

The computer engineering master's degree requires:

Thesis Option:

required core courses (6)
EEE 554 Random Signal Theory (3)
CSE 551 Foundations of Algorithms (3)
approved electives (18)
CEN 599 Thesis (6)

Nonthesis Option:

required core courses (6)
EEE 554 Random Signal Theory (3)
CSE 551 Foundations of Algorithms (3)
approved electives (24)

Admission Requirements:

Applicants must submit an online graduate admissions application.

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:

- computer engineering
- computer science
- computer systems engineering
- electrical engineering

Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program.

GRE required if undergraduate program is not ABET-accredited.

Test of English as a Foreign Language (TOEFL) required for applicants whose native language is not English:

<https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of

Electrical Engineering Program

<http://ecee.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:

Computer engineering is a transdisciplinary program that builds on the fundamentals of computer science, electrical engineering, industrial engineering and applied mathematics. Graduates of this program will have the knowledge and skills necessary to fundamentally advance and develop new paradigms for 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.

The PhD program is intended for students with excellent ability in mathematics and physical science that are interested in gaining an in-depth knowledge of the foundational principles of engineering and pursuing a career in academia, research or highly technical entrepreneurial innovation. The doctoral program provides a broader and more in-depth preparation than the MS and MSE 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.

The computer engineering PhD degree requires:

Core (6)

CSE 551 Foundations of Algorithms (3)

EEE 554 Random Signal Theory (3)

at least 12 credit hours of CEN 792 Research

at least 18 credit hours of approved graduate courses from science, engineering or mathematics

at least 24 credit hours of approved computer engineering courses

at most, six credit hours of CEN 790 Reading and Conference

12 credit hours of CEN 799 Dissertation

Admission Requirements:

Applicants must submit an online graduate admission application.

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:

- computer engineering
- computer science
- computer systems engineering
- electrical engineering

Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program. A minimum GPA of 3.50 is required in the MS or MSE course work for acceptance into the doctoral program.

GRE required if undergraduate program is not ABET-accredited.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Test of English as a Foreign Language (TOEFL) required for applicants whose native language is not English: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill both the requirements of the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Computer Science, MCS (ESCOMSCMCS)

Online Degree Search Title: Computer Science (MCS)

Campus: Tempe

Program Description:

The MCS is an advanced degree program targeted at students with an undergraduate education in computing and related disciplines who can best profit from further breadth and background in computer science. The MCS also 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 both a scientific and engineering discipline by allowing emphasis on theory as well as practical applications. Students seeking the master's degree submit a project portfolio compiling projects completed in three courses during their studies. Students can study topics such as:

- artificial intelligence
- bioinformatics
- cloud and distributed computing
- computer-aided geometric design
- computer design and architecture
- computer graphics
- computer networks
- cyber-physical and embedded systems
- database management and information retrieval
- database systems
- data mining and machine learning
- distributed computing and operating systems
- embedded systems
- health operations and informatics
- imaging, graphics and visualization
- information assurance
- information assurance and security
- intelligent information integration
- multimedia
- network algorithms

- personalized learning and educational games
- simulation modeling and systems
- social computing
- software engineering
- statistical modeling
- theory and algorithms

Degree Requirements: 30 credit hours and a portfolio.

Required Core Areas (9)

foundations (3)

systems (3)

applications (3)

Elective or Research Courses (21)*

*Students choose 21 credit hours of other elective or research course work approved by their academic advisor. Course work selected as part of the area core may not be used as elective course work 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 course work, which cannot include courses taken at the undergraduate level. All 30 semester hours must be from formal course work. CSE 590 will not be allowed as part of the MCS plan of study.

All MCS students must complete a project portfolio from three courses in which the student received a "B" (3.00) grade or higher.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Computer Science, BS

Computer Science (Information Assurance), BS

Computer Science (Software Engineering), BS

Computer Systems Engineering, BSE

Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students interested in applying to the program must submit an online application to Graduate Admission Services. Please see the program website for application deadlines.

An applicant for the MCS program should have a bachelor's degree in computer science, computer engineering or a closely related area.

Applicants must submit:

- online graduate admission application
- a statement of purpose
- official transcripts from every university attended
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- three letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of their current residency) must provide proof of English proficiency.

If the student is assigned any deficiency course work 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 are:

CSE 230 Computer Organization and Assembly Language Programming (3)

CSE 310 Data Structures and Algorithms (3)

CSE 340 Principles of Programming Languages (3)

CSE 355 Introduction to Theoretical Computer Science (3)

CSE 360 Introduction to Software Engineering (3)

CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science, MS (ESCOMSCMS)

Online Degree Search Title: Computer Science (MS)

Campus: Tempe

Program Description:

The MS in computer science is a research-oriented degree program targeted toward students with an undergraduate education in the science of computation. It provides instruction in advanced course work and emphasizes research by the student. Students can conduct cutting-edge research in a wide variety of research areas including:

- artificial intelligence
- bioinformatics
- cloud and distributed computing
- computer design and architecture
- computer graphics
- computer networks
- computer-aided geometric design
- cyber-physical and embedded systems
- data mining and machine learning
- database management and information retrieval
- database systems
- distributed computing and operating systems
- embedded systems
- health operations and informatics
- imaging, graphics and visualization
- information assurance
- information assurance and security
- intelligent information integration
- multimedia
- network algorithms
- personalized learning and educational games
- simulation modeling and systems
- social computing
- software engineering
- statistical modeling
- theory and algorithms

Degree Requirements: 30 credit hours and a thesis.

Student must complete 30 credit hours of course work, including six credit hours of thesis and must successfully pass a thesis defense to graduate with the Master of Science degree.

Students must complete one course in three areas to cover a wide range of knowledge. The three areas are:

- applications: courses are in the areas of artificial intelligence, databases, graphics and multimedia
- foundations: courses focus on algorithms, mathematical logic and computer science theory
- systems: courses cover topics in architecture, networks, operating systems and software engineering

The remainder of the student's course work focuses on the research area of interest, conducted with the guidance of a faculty advisor. Students must complete nine credit hours of course work in their research area.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science, BS
- Computer Science (Information Assurance), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students interested in applying to the Master of Science program must submit an online graduate admission application. Please see the program website for application deadlines.

An applicant for the master's degree program should have a bachelor's degree in computer science, computer engineering or a closely related area.

Applicants must submit:

- online graduate admission application
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- three letters of recommendation
- a statement of purpose
- official transcripts from every university attended
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

If the student is assigned any deficiency course work 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 are:

- CSE 230 Computer Organization and Assembly Language Programming (3)
- CSE 310 Data Structures and Algorithms (3)
- CSE 340 Principles of Programming Languages (3)
- CSE 355 Introduction to Theoretical Computer Science (3)
- CSE 360 Introduction to Software Engineering (3)
- CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science, PHD (ESCOMSCPHD)

Online Degree Search Title: Computer Science (PhD)

Campus: Tempe

Program Description:

The PhD in computer science program prepares students to undertake fundamental and applied research in computer science to prepare students for careers in academia, government and industry.

Students can conduct cutting-edge research in a wide variety of research areas, including:

- artificial intelligence
- bioinformatics
- cloud and distributed computing
- computer design and architecture
- computer graphics

- computer networks
- computer-aided geometric design
- cyber-physical and embedded systems
- data mining and machine learning
- database management and information retrieval
- database systems
- distributed computing and operating systems
- embedded systems
- health operations and informatics
- imaging, graphics and visualization
- information assurance
- information assurance and security
- intelligent information integration
- multimedia
- network algorithms
- personalized learning and educational games
- simulation modeling and systems
- social computing
- software engineering
- statistical modeling
- theory and algorithms

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The PhD includes 12 to 18 credit hours of CSE 792 Research and 12 credit hours of CSE 799 Dissertation. Students will complete one course in three areas to cover a wide range of knowledge. The three areas are:

- Applications: The courses are in the areas of artificial intelligence, databases, graphics and multimedia.
- Foundations: The courses focus on algorithms, mathematical logic, programming languages and theory.
- Systems: The courses cover topics in architecture, networks, operating systems and software engineering.

Area courses cannot include CSE 598 courses.

Admission Requirements:

Students interested in applying to this program must submit an online graduate admission application. An applicant for the PhD program should have the equivalent of a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned the master's degree, but exceptional undergraduate applicants may be admitted directly to the doctoral program. Please see the program website for application deadlines.

Every applicant must submit:

- online graduate admission application
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- three letters of recommendation
- a statement of purpose
- official transcripts from every university attended
- curriculum vitae or resume

An applicant whose native language is not English (regardless of their current residency) must provide proof of English proficiency.

If the student is assigned any deficiency course work 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 are:

- CSE 230 Computer Organization and Assembly Language Programming (3)
- CSE 310 Data Structures and Algorithms (3)
- CSE 340 Principles of Programming Languages (3)
- CSE 355 Introduction to Theoretical Computer Science (3)
- CSE 360 Introduction to Software Engineering (3)
- CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Arts, Media and Engineering), MS (ESAMECSMS)

Online Degree Search Title: Computer Science (Art, Media and Eng) (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
- 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 will specialize in transdisciplinary media development. More information about the arts, media and engineering concentration can be found at <http://ame.asu.edu/> (<http://ame.asu.edu/>).

Degree Requirements: 30 credit hours and a thesis.

Students complete 30 credit hours of course work, including nine credit hours of arts, media and engineering-approved course work and six credit hours of thesis, to graduate with the degree. Students must successfully pass a thesis defense to graduate. Students will complete nine credit hours of arts, media and engineering courses selected in consultation with the student's graduate advisor.

Students will also complete one course from each of the following three areas:

- applications: artificial intelligence, databases, graphics and multimedia
- foundations: algorithms, mathematical logic, programming languages and theory
- systems: architecture, networks, operating systems and software engineering

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science, BS
- Computer Science (Information Assurance), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

An applicant for the master's degree program should have a bachelor's degree in computer science, computer engineering or a closely related area. Please see the program website for application deadlines.

Applicants must submit:

- online graduate admission application
- official transcripts from every university attended

- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- a statement of purpose and a curriculum vitae
- three letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of their current residency) must provide proof of English proficiency. <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

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 assistantships or an integrative graduate education and research traineeship within arts, media and engineering, please visit <http://ame.asu.edu/education/prospective/funding.php> (<http://ame.asu.edu/education/prospective/funding.php>). Please submit a curriculum vitae with your statement of purpose.

If the student is assigned any deficiency course work 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 230 Computer Organization and Assembly Language Programming (3)
- CSE 310 Data Structures and Algorithms (3)
- CSE 340 Principles of Programming Languages (3)
- CSE 355 Introduction to Theoretical Computer Science (3)
- CSE 360 Introduction to Software Engineering (3)
- CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu>
BYENG 228
cidse.advising@asu.edu
480-965-3199

Computer Science (Arts, Media and Engineering), PHD (ESAMECSPHD)

Online Degree Search Title: Computer Science (Art, Media and Eng) (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
- 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 will specialize in transdisciplinary media development. More information about arts, media and engineering can be found at <http://ame.asu.edu/> (<http://ame.asu.edu/>).

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students in the doctoral program in computer science with an arts, media and engineering concentration must complete a minimum of 84 credit hours of approved graduate-level work, of which 36 credit hours focus on arts, media, and engineering, chosen in consultation with the student's arts, media and engineering graduate advisor. Students must complete 12 to 18 credit hours of CSE 792 Research and 12 credit hours of CSE 799 Dissertation.

Students will also complete one course from each of the following three areas:

- applications: artificial intelligence, databases, graphics and multimedia
- foundations: algorithms, mathematical logic, programming languages and theory
- systems: architecture, networks, operating systems and software engineering

Admission Requirements:

Please see the program website for application deadlines.

Applicants should have 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 submit:

- online graduate admission application
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- three letters of recommendation
- a statement of purpose*
- official transcripts from every university attended
- curriculum vitae or resume
- proof of English language proficiency**

*The statement of purpose must fulfill any requirements defined by the Division of Graduate Education 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. For further information on how this statement can be expanded upon by students interested in a research assistantships or an Integrative Graduate Education and Research Traineeship within arts, media and engineering, please contact the department. Please submit a current curriculum vitae with the statement of purpose.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

If the student is assigned any deficiency course work 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 are:

- CSE 230 Computer Organization and Assembly Language Programming (3)
- CSE 310 Data Structures and Algorithms (3)
- CSE 340 Principles of Programming Languages (3)
- CSE 355 Introduction to Theoretical Computer Science (3)
- CSE 360 Introduction to Software Engineering (3)
- CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Big Data Systems), MCS (ESCSEBDMCS)

Online Degree Search Title: Computer Science (Big Data Systems) (MCS)

Campus: Tempe

Program Description:

The big data systems concentration under the MCS in Computer Science degree program is designed for graduate students who want to pursue a thorough education in the area of big data systems.

The goal of this concentration is to provide students the knowledge, skills and expertise in designing scalable (parallel, distributed and real time) systems for acquiring, storing, processing, and accessing large-scale heterogeneous multisource data and in using analytical tools to mine information from the data.

Graduates will be 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. This concentration will provide a competitive advantage to secure employment as there is a growing need for data scientists and engineers that can architect, implement and manage large data systems.

Degree Requirements: 30 credit hours and a portfolio.

Required Core Areas (9)

foundations (3)

systems (3)

applications (3)

Required Concentration Courses (9)

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)

Electives (6 credit hours from the following):*

CSE 515 Multimedia and Web Databases (3)

CSE 575 Statistical Machine Learning (3)

CSE 591 Topic: Data Visualization (DV) (3)

CSE 573 Semantic Web Mining (SWM) (3)

CSE 546 Cloud Computing (VCC) (3)

Other Elective or Research Courses (6)**

*Additional elective course work may be required. If a student selects any of the concentration courses that are also listed as a core area course, additional course work may be required to complete the degree. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

**Students choose six credit hours of other elective or research course work approved by their academic advisor.

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 course work, which cannot include courses taken at the undergraduate level. All 30 semester hours must be from formal course work (including CSE 591). CSE 590 will not be allowed as part of the MCS plan of study.

All MCS students must complete a project portfolio from three courses in which the student received a "B" (3.00) grade or higher.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Computer Science, BS

Computer Science (Information Assurance), BS

Computer Science (Software Engineering), BS

Computer Systems Engineering, BSE

Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

In addition to completing the ASU graduate admission application, the following materials must also be submitted to complete the application package:

U.S. residents:

- one set of official transcripts from every college and university attended, including ASU, unless the student graduated from ASU

- official GRE test scores
- three letters of recommendation
- statement of purpose

An applicant whose native language is not English (regardless of their current residency) must provide proof of English proficiency.

International applicants:

- academic credentials*
- official GRE General test scores taken within the last five years
- official Test of English as a Foreign Language (TOEFL) score, taken within the last two years (only required for those who did not graduate with a baccalaureate degree from an accredited U.S. institution)**
- three letters of recommendation
- statement of purpose

*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.

**The TOEFL score must be valid on the first day of class for the term the student is applying for. The School of Computing, Informatics and Decision Systems Engineering requires that TOEFL scores must be above 575 (paper), or 90 (iBT), or minimum IELTS is an overall band scores of 7.0.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu>
BYENG 225
cidse.advising@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 in Computer Science degree program is designed for graduate students who want to pursue a thorough education and research in the area of big data systems.

The goal of this concentration is to provide students the knowledge, skills and advanced research expertise in designing scalable (parallel, distributed and real-time) systems for acquiring, storing, processing and accessing large-scale heterogeneous multisource data and in using analytical tools to mine information from the data.

Graduates will be 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. This concentration will provide a competitive advantage to secure employment as there is a growing need for data scientists and engineers that can architect, implement and manage large data systems.

Degree Requirements: 30 credit hours and a thesis.

Required Core Courses: (9 credit hours)

Foundations (3)

Systems (3)

Applications (3)

Required Concentration Courses: (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)

Electives: (6 credit hours)

CSE 515 Multimedia and Web Databases (3)

CSE 575 Statistical Machine Learning (3)
CSE 591 Topic: Data Visualization (DV) (3)
CSE 591 Topic: Semantic Web Mining (SWM) (3)
CSE 591 Topic: Virtualization and Cloud Computing (VCC) (3)

Note: Additional elective course work may be required. If the student takes CSE 510, CSE 512, CSE 572 or CSE 515 as part of the nine-credit-hour required core courses for the MS degree, then the student has to take three additional credit hours to ensure a total of 30 credit hours.

Culminating Experience: (6)
CSE 599 Thesis (6)

Total required credit hours: 30

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science, BS
- Computer Science (Information Assurance), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

In addition to completing the ASU graduate admission application, the following materials must also be submitted to complete the application package:

U.S. Residents:

- one set of official transcripts from every college and university attended, including ASU, unless the student graduated from ASU
- official GRE test scores
- three letters of recommendation
- statement of purpose

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

International Applicants:

- academic credentials*
- official GRE General test scores taken within the last five years
- official TOEFL score, taken within the last two years (only required for those who did not graduate with a baccalaureate degree from an accredited U.S. institution)**
- three letters of recommendation
- statement of purpose

*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.

**The TOEFL score must be valid on the first day of class for the term the student is applying for. CIDSE requires that TOEFL scores must be above 575 (paper) or 90 (iBT), or minimum IELTS is an overall band scores of 7.0.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu>
BYENG 225
cidse.advising@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 in computer science with a concentration in biomedical informatics is designed for graduate students who wish to specialize 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. It will expose computer science students to current issues in clinical practice as well as the use of information systems in health care settings.

Degree Requirements: 30 credit hours and a thesis.

Students complete 30 credit hours of course work, including nine credit hours of course work in biomedical informatics and six credit hours of thesis work to graduate with the degree. Students must successfully pass a thesis defense to graduate. Students will complete the following nine credit hours in biomedical informatics:

BMI 501 Introduction to Biomedical Informatics (3)
BMI 540 Problem Solving in Biomedical Informatics (3)
BMI 5XX approved elective in biomedical informatics (3)

Students will also complete one course from each of the following three areas:

- applications: artificial intelligence, databases, graphics and multimedia
- foundations: algorithms, mathematical logic, programming languages and theory
- systems: architecture, networks, operating systems and software engineering

The remainder of the course work will be in computer science, and students will focus their research in one of the following areas:

- bioinformatics
- biomedical informatics
- clinical informatics
- imaging informatics
- public health informatics

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Computer Science, BS
Computer Science (Information Assurance), BS
Computer Science (Software Engineering), BS
Computer Systems Engineering, BSE
Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students interested in applying to this program must submit an online graduate admission application. An applicant to the master's degree program should have a bachelor's degree in computer science, computer engineering or a closely related area. Please see the program website for application deadlines.

Every applicant must submit:

- online graduate admission application
- Test of English as a Foreign Language (TOEFL) scores (applies to applicants whose native language is not English, regardless of current residency)
- official transcripts from every university attended
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering from ASU
- a statement of purpose
- three letters of recommendation
- verbal, quantitative and analytical GRE scores (optional: subject test in computer science)

If the student is assigned any deficiency course work 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 are:

CSE 230 Computer Organization and Assembly Language Programming (3)
CSE 310 Data Structures and Algorithms (3)

CSE 340 Principles of Programming Languages (3)
CSE 355 Introduction to Theoretical Computer Science (3)
CSE 360 Introduction to Software Engineering (3)
CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Information Assurance), MCS (ESCSEIMCS)

Online Degree Search Title: Computer Science (Information Assurance) (MCS)

Campus: Tempe

Program Description:

The MCS program in computer science with a concentration in information assurance is designed for graduate students who want to pursue a thorough education in the area of information assurance. The goal of this concentration is to provide students the knowledge and skills in science and engineering for information assurance, including computer and network security, software security, data and information security, applied cryptography and computer forensics.

The concentration in information assurance is an advanced degree targeted at 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. Students will have a competitive advantage to secure employment. 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.

Degree Requirements: 30 credit hours and a portfolio.

Required Core Areas (9)

foundations (3)
systems (3)
applications (3)

Required Concentration Courses (15)*

12 credit hours from:

CSE 539 Applied Cryptography (3)
CSE 543 Information Assurance and Security (3)
CSE 545 Software Security (3)
CSE 548 Advanced Computer Network Security (3)

and 3 credit hours from the following:

CSE 531 Distributed and Multiprocessor Operating Systems (3)
CSE 534 Advanced Computer Networks (3)
CSE 565 Software Verification, Validation, and Testing (3)
CSE 466 Computer Systems Security (3)
CSE 467 Data and Information Security (3)
CSE 469 Computer and Network Forensics (3)

Electives (6)**

*Concentration course work in information assurance

**If a student selects any of the concentration courses that are also listed as a core area course, additional course work may be required to complete the degree. Students should check with their academic advisor to ensure that the total credit hours of their plan of study are equal to 30.

The interactive plan of study must contain a minimum of 30 semester 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 course work, which cannot include courses taken at the undergraduate level. All 30 semester hours must be from formal course work (including CSE 591). CSE 590 will not be allowed as part of the MCS program.

All MCS students must complete a project portfolio from three courses in which the student received a "B" (3.00) grade or higher.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science, BS
- Computer Science (Information Assurance), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students interested in applying to the MCS program must submit an online graduate admission application. An applicant for the MCS program should have a bachelor's degree in computer science, computer engineering or a closely related area. Please see the program website for application deadlines.

Applicants must submit:

- online graduate admission application
- official transcripts from every university attended
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- a statement of purpose
- three letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of their current residency) must provide proof of English proficiency.

<https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

If the student is assigned any deficiency course work 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 230 Computer Organization and Assembly Language Programming (3)
- CSE 310 Data Structures and Algorithms (3)
- CSE 340 Principles of Programming Languages (3)
- CSE 355 Introduction to Theoretical Computer Science (3)
- CSE 360 Introduction to Software Engineering (3)
- CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Information Assurance), MS (ESCSEIAMS)

Online Degree Search Title: Computer Science (Information Assurance) (MS)

Campus: Tempe

Program Description:

The MS program in computer science with a concentration in information assurance is designed for graduate students who want to pursue a thorough education in the area of information assurance. The goal of this concentration is to provide students the knowledge and skills needed in science and engineering for information assurance. This includes computer and network security, software security, data and information security, applied cryptography and computer forensics. Students will have a competitive advantage to secure employment.

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.

Degree Requirements: 30 credit hours and a thesis.

Students must complete 30 credit hours of course work, including 15 credit hours of course work in information assurance and six credit hours of thesis work, and they must successfully pass a thesis defense to graduate with this degree.

Students must complete 15 hours of approved information assurance course work. See

<http://cidse.engineering.asu.edu/forstudent/graduate/computer-science/> (<http://cidse.engineering.asu.edu/forstudent/graduate/computer-science/>) for more information.

Students will also complete one course in one of the following three areas, to cover a wide range of knowledge:

- applications: courses are in the areas of artificial intelligence, databases, graphics and multimedia
- foundations: courses focus on algorithms, mathematical logic, programming languages and theory
- systems: courses cover topics in architecture, networks, operating systems and software engineering

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science, BS
- Computer Science (Information Assurance), BS
- Computer Science (Software Engineering), BS
- Computer Systems Engineering, BSE
- Computer Systems Engineering (Information Assurance), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students interested in applying to the Master of Science in computer science (information assurance) program must submit an online graduate admission application. An applicant for the master's degree program should have a bachelor's degree in computer science, computer engineering or a closely related area. Please see the program website for application deadlines.

Applicants must submit:

- online graduate admission application
- official transcripts from every university attended
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- a statement of purpose
- three letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

<https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

If the student is assigned any deficiency course work upon admission, those classes must be completed with a grade of "B" 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 340 Principles of Programming Languages (3)

CSE 355 Introduction to Theoretical Computer Science (3)

CSE 360 Introduction to Software Engineering (3)

CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Information Assurance), PHD (ESCSEIAPHD)

Online Degree Search Title: Computer Science (Information Assurance) (PhD)

Campus: Tempe

Program Description:

The PhD in computer science program with a concentration in information assurance is designed for graduate students who want to pursue a thorough education in the area of information assurance. The goal of this concentration is to provide students the knowledge and skills in science and engineering for information assurance, including:

- applied cryptography
- computer and network security
- computer forensics
- data and information security
- software security

Students will have a competitive advantage to secure employment. 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.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program must contain a minimum of 84 credit hours of approved graduate-level work which includes 18 credit hours of information assurance courses. Students must also complete 12 to 18 credit hours of CSE 792 Research and 12 credit hours of CSE 799 Dissertation. See <https://cidse.engineering.asu.edu/forstudent/graduate/computer-science/> (<https://cidse.engineering.asu.edu/forstudent/graduate/computer-science/>) for more information on information assurance course options.

Students will also complete one course from each of the following three areas:

- applications: artificial intelligence, databases, graphics and multimedia
- foundations: algorithms, mathematical logic, programming languages and theory
- systems: architecture, networks, operating systems and software engineering

Area courses cannot include CSE 598 courses.

Admission Requirements:

Students interested in applying to this program must submit an online graduate admission application. An applicant for the doctoral degree program should have the equivalent of a bachelor's degree in computer science, computer engineering or a closely related area. Most applicants should have earned the master's degree, but exceptional undergraduate applicants may be admitted directly into the doctoral program.

Every applicant must submit:

- online graduate admission application
- scores for the GRE, unless the student has graduated with an undergraduate degree in computer science or computer systems engineering at ASU
- three letters of recommendation
- a statement of purpose
- official transcripts from every university attended
- curriculum vitae or resume

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

If the student is assigned any deficiency course work 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 230 Computer Organization and Assembly Language Programming (3)
CSE 310 Data Structures and Algorithms (3)
CSE 340 Principles of Programming Languages (3)
CSE 355 Introduction to Theoretical Computer Science (3)
CSE 360 Introduction to Software Engineering (3)
CSE 430 Operating Systems (3)

The applicant's undergraduate GPA and depth of preparation in computer science and engineering are the primary factors affecting admission.

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<https://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computing Studies, MCSt (TSCOMPST)

Online Degree Search Title: Computing Studies (MCST)

Campus: Polytechnic

Program Description:

The computing faculty of engineering programs offers the MCSt graduate program. The computing studies program is designed for students with the equivalent of a bachelor's in computing and requires 33 credit hours of graduate instruction, including a two-semester culminating experience. The program prepares students with the technical and professional knowledge necessary for career advancement and positions of leadership in computing.

As a discipline, computing is evolving rapidly; the body of knowledge in computer science and software engineering is constantly changing, and the impact computing has on society is growing at an astonishing pace. The program uses project-based, laboratory-rich curriculum to prepare graduates for careers that contribute to computing's disciplinary context.

Master's of computing studies students learn essential skills and obtain experience necessary for success after graduation, including:

- a strong technical foundation
- familiarity with the tools, languages and methods of the profession
- understanding of the concepts and practices underlying software design and construction
- practiced communication and teaming skills
- significant background in at least one computing application area
- practiced communication and teaming skills

Graduates of the program may pursue advanced research degrees in computing, employment or leadership in computing, or pursue careers in computing application areas. The computing faculty are especially strong in enterprise systems, software engineering, visual analytics, computer gaming, embedded systems and mobile computing. In addition to academic credentials, departmental faculty have extensive industry experience.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (CST 593), or 33 credit hours including the required capstone course (CST 517 or CST 518).

The plan of study must contain approved graduate-level course work. The program offers a set of courses that comprise the foundations of advanced study in computing: software development, communications and teaming, computing research methods, data structures, algorithms and computing language concepts. A student's program of study must include the following core courses that provide the graduate computing foundation:

CST 500 Research Methods (3)
CST 501 Advanced Data Structures and Algorithm Analysis (3)
CST 502 Emerging Language and Programming Paradigms (3)
CST 515 Software Enterprise: Inception and Elaboration (3)
CST 516 Software Enterprise: Project and Process Management (3)

CST 500, CST 501 and CST 515 should be taken in the first semester or as early in the student's program as possible.

Students are encouraged to identify four graduate CST computing courses (12 credit hours) of specialization course work that contributes to their individual educational objectives. Of the four, two courses (6 credit hours) may be entry-level graduate courses. Entry-level courses are typically offered as CST 598. Program faculty offer graduate-level courses (5xx-level, formal courses excluding 598) that provide specialized treatment in areas representing faculty research interests.

Students also select one of three culminating experiences (6 credit hours): thesis, applied project or software capstone.

Thesis

Students who select the thesis option develop a project and thesis paper that reflects innovation in a specialization area. The thesis is developed over two successive semesters by registering for three credits of CST 599 Thesis each semester. Before registering for CST 599, the student identifies a faculty committee consisting of a chair in the specialization area and two other members. The committee directs the development of the thesis and gauges its merit at completion.

Applied Project

Students who select the applied project option develop a project and paper that reflects advanced application knowledge in a specialization area. The project is developed over two successive semesters by registering for three credits of CST 593 Project in the first semester and registering for another three credits of CST 593 Project in the second semester. Before registering for the project in the first semester, the student identifies a faculty committee consisting of a chair in the specialization area and two other members. The committee directs the development of the applied project and gauges its merit at completion.

Software Factory (Capstone)

Students who select software capstone formulate an advanced analysis of the software enterprise and participate in a team-based, two-semester software factory experience. Students develop a portfolio demonstrating achievement of learning outcomes. A committee of three faculty provide mentorship and assess student achievement of outcomes. Students take the software capstone in two successive semesters by registering for CST 517 in one semester and registering for CST 518 in the following semester.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for applicants whose native language is not English
- official GRE general exam scores
- optional) statement of purpose
- optional) two letters of recommendation

International applicants can find complete information on the English proficiency exams and other required documents on the Division of Graduate Education website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

For best consideration, the deadline is Feb. 1 for fall applications and Oct. 1 for spring applications. 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.

Admission to the graduate degree program presupposes an adequate technical preparation in a selected technology at the undergraduate level. It is recommended that applicants have completed a bachelor's in computing. Excellent applicants with a partial computing background may be admitted with undergraduate computing deficiencies.

Undergraduate deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Software Engineering
<http://poly.engineering.asu.edu>
WANER 201
cidse.gradpoly@asu.edu
480-727-3520

Construction Engineering, MSE (ESCONEMSE)

Online Degree Search Title: Construction Engineering (MSE)

Campus: Tempe

Program Description:

The MSE in construction engineering is a transdisciplinary program that encompasses the areas of geotechnical engineering, structural engineering, transportation engineering, construction engineering and management-related topics. The degree focuses on a combination of design and management topics, preparing the student for a career working at the interface of design and construction; it is especially desirable to those students who are interested in a career emphasizing construction of infrastructure.

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 course work.

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.

Accelerated Degrees:

This degree is also offered as an accelerated 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants are expected to satisfy all requirements for admission to the Division of Graduate Education. Entry into this program normally requires a bachelor's degree with a major in engineering or a closely related bachelor's degree program.

The student's credentials for admission are evaluated by the graduate program chair and a committee chaired by the specialty area coordinator.

The minimum GPA requirement is an overall undergraduate GPA of 3.00 on a 4.00 scale. Applicants with a lower GPA may be provisionally admitted at the discretion of the admission committee.

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 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://students.asu.edu/graduate/standards> (<https://students.asu.edu/graduate/standards>).

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Construction Engineering
<https://engineering.asu.edu/grad/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Construction Management, MS (ESCONSTMS)

Online Degree Search Title: Construction Management (MS)

Campus: Tempe, Online

Program Description:

The faculty in the Del E. Webb School of Construction offer a graduate program leading to the MS in construction management. The transdisciplinary nature of the program allows a candidate's plan of study to reflect individual interests and career goals.

The primary objective of the program is to allow 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. The program is designed to meet the growing need for professionals with advanced technical, management and applied research skills in the construction industry.

The facilities management specialty area supports the needs of the student desiring a career in the maintenance, operation, renovation or decommissioning of existing facilities. The construction management specialty area allows students seeking upper-level management positions in various sectors of the construction industry to improve their competency in project, program and company management areas.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam.

If appropriate graduate-level courses are not available in a student's pursued area of interest, the supervisory committee has the option to approve a maximum of six credit hours of 400-level course work to be part of the approved plan of study. Students may not use 400-level deficiency courses to satisfy degree requirements.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Construction Management, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants are expected to satisfy all requirements for admission to both the Division of Graduate Education and the program. In addition, applicants are expected to be competent in basic construction topics. Admission is based on:

- proof of proficiency in the English language*
- a current resume
- an evaluation of the student's academic and professional background
- scores from the verbal, quantitative and analytical writing portions of the GRE**
- a personal statement
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the Division of Graduate Education English proficiency requirements. 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 (SPEAK) or a score of 26 on the speaking portion of the Test of English as a Foreign Language (TOEFL) is required.

**Applicants must have their official GRE 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Del E. Webb Construction
<http://ssebe.engineering.asu.edu/prospective-students/construction-management.html>
CAVC 437

Construction Management, PHD (ESCONPHD)

Online Degree Search Title: Construction Management (PhD)

Campus: Tempe

Program Description:

The faculty in the Del E. Webb School of Construction offer a graduate program leading to the PhD degree in construction management. The purpose of the construction management doctoral program is to prepare research scholars, new faculty and professionals for positions in industry, universities and government, as well as facilitate a higher level of investigation and knowledge creation through the professor-doctoral student dynamic.

The Del E. Webb School of Construction is distinctively positioned to provide students with a transdisciplinary educational and research experience at the doctoral level, which will provide value in construction education, research and industry programs, private construction research facilities, and high-level management positions in the construction industry.

The objectives of the degree program include providing research experience for doctoral students who might wish to pursue careers in either industry or academia as members of transdisciplinary research teams as well as providing a high-level transdisciplinary doctoral education for those who wish to develop academic careers teaching at the university level.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctoral program in construction will typically require three to four years of full-time study and research beyond the master's degree. Generally, students will be 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:

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 will be 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.

Applicants must submit an online graduate admission application.

Applicants are expected to satisfy all requirements for admission to both the Division of Graduate Education and the program. In addition, applicants are expected to be competent in construction topics.

Admission is based upon:

- official GRE scores*
- proof of English language proficiency**
- a current resume
- an evaluation of the student's academic and professional background
- masters' degree thesis abstract
- a personal statement from each applicant describing their career goals and research objectives
- research interests
- three letters of recommendation

*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.

**An applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the Division of Graduate Education English proficiency requirements. 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

(SPEAK) or a score of 26 on the speaking portion of the TOEFL is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Del E. Webb Construction
<http://ssebe.engineering.asu.edu/prospective-students/construction-management.html>
ECG 437
sebe.advising@asu.edu
480-965-0595

Electrical Engineering, MS (ESEEMS)

Online Degree Search Title: Electrical Engineering (MS)

Campus: Tempe

Program Description:

This program does not accept applications to the MS directly. Students should apply to the MSE program and, once admitted, consult with the MSE program advisors if interested in the MS program.

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
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- electric power and energy systems
- signal processing and communications systems
- solid-state electronics

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 requirements.

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Students desiring the Master of Science in electrical engineering must initially apply to the MSE program. Students who later obtain a research advisor may transfer to the MS program.

Contact Information:

Engineering, Ira A. Fulton Schools of

Electrical Engineering Program
<http://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 the following six areas of specialization:

- control systems (not an option for the online degree but available to on-campus students)
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- electric power and energy systems
- signal processing and communications systems
- solid-state electronics

Courses are available on campus and online. The degree can be completed taking all classes on campus or all classes online.

A dual degree, the MBA/MSE in electrical engineering, is available as an online option. For more information, visit <https://wpcarey.asu.edu/mba-programs/online/customize-your-MBA#degree> (<https://wpcarey.asu.edu/mba-programs/online/customize-your-MBA#degree>).

Degree Requirements: 30 credit hours and a written comprehensive exam.

The master's degree in electrical engineering is a professional degree requiring a minimum of 30 hours of course work (a minimum of 10 classes) and a final comprehensive examination. There is no thesis.

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

A final comprehensive examination in the area of specialization completes the master's degree in electrical engineering requirements. The examination is given each semester at the end of the sixth week of classes.

Concurrent Degrees:

This degree is also offered as concurrent degree with W. P. Carey MBA - Online Program

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Electrical Engineering, BSE

Electrical Engineering (Electric Power and Energy Systems), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

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 (out of 4.00) in the student's last two years of undergraduate work. A student whose undergraduate degree is not from an ABET-accredited program must have the equivalent of at least a 3.50 GPA in the last two years of undergraduate study and must score 156 or higher on the quantitative section of the GRE general test.

Students interested in applying to this program must submit an online graduate admission application.

In addition, an applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the English proficiency requirements stated on the the Division of Graduate Education website.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the iBT or 50 on the ASU-administered Speaking Proficiency English Assessment Kit (SPEAK).

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.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

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
- electromagnetics, antennas and microwave circuits
- electronic and mixed-signal circuit design
- electric power and energy systems
- signal processing and communications systems
- solid-state electronics

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 hours from any accredited institution
500-level or above: 18 hours, at least nine hours of EEE courses
research class or omnibus course hours: 12 hours, can be 400-level and above
EEE 792 Research (12)
EEE 799 Dissertation (12)

The 84 hours include 30 credit hours for the master's degree, a required 18 credit hours of doctoral course work, 12 hours of research (EEE 792), and 12 hours (and only 12 hours) of dissertation (EEE 799).

The additional 12 hours can be more hours of research (EEE 792) or can be class work as determined by the supervisory committee. At least half (nine hours) of the minimum requirement of 18 credit hours of doctoral course work 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-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 (EEE 790) course can be taken as part of the 18-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 submit an online graduate admission application.

In general, a student must have a least a 3.00 GPA (out of 4.00) in all undergraduate course work and at least a 3.50 GPA in all graduate course work for admission to the doctoral program. A student must usually 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 or higher. 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. 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 of English as a Foreign Language (TOEFL) or 50 on the ASU administered Speaking Proficiency English Assessment Kit (SPEAK).

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.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Arts, Media and Engineering), MS (ESAMEMS)

Online Degree Search Title: Electrical Engineering (Art, Media and Eng) (MS)

Campus: Tempe

Program Description:

A concentration in arts, media and engineering has been established as a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts. This concentration is available both for the MS and the 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 see the FAQ on this concentration available at <http://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering-m-s-ph-d/> (<http://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering-m-s-ph-d/>).

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 see <http://research.ame.asu.edu> (<http://research.ame.asu.edu/>).

Degree Requirements: 30 credit hours and a thesis.

Eight courses are required, typically five from EEE and three from AME. In addition, six hours of thesis are required, typically four credits from EEE and two from AME.

Admission Requirements:

Students interested in applying to this program must submit the online graduate admission application.

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 (on a 4.00 scale) in the last two years of undergraduate course work. Students from undergraduate programs that are not accredited by ABET must have a minimum GPA of 3.50 (on a 4.00 scale) in the last two years of undergraduate course work 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 of English as a Foreign Language (TOEFL) or 50 on the ASU-administered Speaking Proficiency English Assessment Kit (SPEAK).

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. Students 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://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:

A concentration in arts, media and engineering has been established as a collaboration between the electrical engineering program at ASU and the Herberger Institute for Design and the Arts. This concentration is available both for the MS and the PhD students admitted to this program who take two-thirds of their course, research and thesis credits from electrical engineering 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 <http://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering-m-s-ph-d/> (<http://ecee.engineering.asu.edu/academics/doctoral-degrees/electrical-engineering-arts-media-and-engineering-m-s-ph-d/>).

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 see <http://research.ame.asu.edu> (<http://research.ame.asu.edu>).

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 hours of dissertation, typically eight credits from EEE and four from AME
- 12 hours of research, typically eight credits from EEE and four from AME

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants with a master's degree who wish to be considered for the doctoral program must have a minimum GPA of 3.50 (on a 4.00 scale) in their master's degree program. Applicants without a master's degree must have a minimum GPA of 3.60 (on a 4.00 scale) in the last two years of undergraduate course work and have graduated from an ABET-accredited undergraduate program.

In addition to an online application to the Graduate Admission Services, an applicant whose native language is not English (regardless of current residency) must demonstrate proficiency in the English language by meeting the English proficiency requirements stated on the Division of Graduate Education website.

International students seeking teaching assistantships must demonstrate proficiency in spoken English by scoring at least 26 on the speaking portion of the iBT or 50 on the ASU-administered Speaking Proficiency English Assessment Kit (SPEAK).

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. Students 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 an transdisciplinary research environment.

Applicants must fulfill both the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Engineering, MEng (EENGRMENG)

Online Degree Search Title: Master of Engineering (MEng)

Campus: Tempe, Online

Program Description:

When pursuing an MEng, students can customize their learning experience by selecting a curriculum that addresses their academic and professional goals. The master's degree program is designed for working professionals and is delivered entirely online to meet the unique needs of professional engineers. It is a practice-oriented degree program.

In the master's degree program, multiple emphasis areas are available with additional areas under development. Within each area, there are specific course requirements in addition to the general program requirements. Students can select one of several areas of study available, such as:

- embedded systems
- engineering management
- modeling and simulation
- quality, reliability and statistical engineering
- systems engineering

Engineers who enter the master's degree program have the opportunity to gain valuable experience applicable to their industry while gaining an advanced degree. Convenience and flexibility are key advantages of this program. The Master of Engineering, which can be earned entirely through distance learning, is a 30 credit hour degree program that does not require GRE results, a thesis or on-campus attendance.

The master's degree program is only available through distance learning. The degree 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 a total of 30 credit hours equaling 10 courses to earn a Master of Engineering. Half of all course work, 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/business.
- A culminating event is required and will be identified by the student's advisory committee. It could be a final written or oral examination, or the final report for a practice-oriented project. Additional requirements may exist for some academic units and emphasis areas of the Master of Engineering program.

Admission Requirements:

To be considered for admission, the following are required:

- the online graduate admission application
- official transcripts from all institutions
- bachelor's degree required with a background in the desired field of study
- a minimum GPA of 3.00 (on a 4.00 scale) for the last 60 credit hours of the undergraduate transcript
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required.

Graduates of non-U.S. institutions must satisfy admission requirements established by the Division of Graduate Education.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<http://www.asuengineeringonline.com>
CAVC 375
Asu.cpd@asu.edu
480-965-1740

Engineering, MS (TSEGRMS)

Online Degree Search Title: Engineering (MS)

Campus: Polytechnic

Program Description:

The MS in engineering program consists of a core set of courses designed for students to develop applied analytical expertise across disciplinary boundaries, with direct applications of advanced design principles to system design, management and control. The expertise developed in the core curriculum is reinforced through focus areas that provide flexibility for the student, including alternative energy, mechanical, electrical and manufacturing engineering. The program incorporates a relevant project, required of all students in this degree program, within the focus area courses. The degree will offer options for students culminating in a master's degree thesis, an applied project, a capstone project course, or a written comprehensive exam. Each of these options are designed to engage students with real-world applications of engineering and to develop problem-solving skills.

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).

Culminating Experience: EGR 593 Applied Project (3)

core course credit hours (9)

EGR 520 Engineering System Design and Analysis (3)

EGR 530 Principles of Systems Engineering (3)

EGR 535 Engineering Innovation and Entrepreneurship (3)

focus area course credit hours (9)

other requirement credit hours (9)

EGR 500 Research Methods(3)

EGR 598 Simulation (3)

EGR 598 Statistics for Engineering (3)

overall required credit hours (30)

Culminating Experience: EGR 570 Capstone Course (3)

core course credit hours (9)

EGR 520 Engineering System Design and Analysis (3)

EGR 530 Principles of Systems Engineering (3)

EGR 535 Engineering Innovation and Entrepreneurship (3)

focus area course credit hours (9)

other requirement credit hours (9)

EGR 598 Statistics for Engineering (3)

EGR 598 Simulation (3)

EGR 500 Research Methods (3)

overall required credit hours (30)

Culminating Experience: EGR 599 Thesis (6)

core course credit hours (9)

EGR 520 Engineering System Design and Analysis (3)

EGR 530 Principles of Systems Engineering (3)

EGR 535 Engineering Innovation and Entrepreneurship (3)

focus area course credit hours (6)

other requirement credit hours (9)

EGR 500 Research Methods (3)

EGR 598 Simulation (3)

EGR 598 Statistics for Engineering (3)

overall required credit hours (30)

Culminating Experience: Written Comprehensive Exam

core course credit hours (9)

EGR 520 Engineering System Design and Analysis (3)

EGR 530 Principles of Systems Engineering (3)

EGR 535 Engineering Innovation and Entrepreneurship (3)

focus area course credit hours (9)

other requirement credit hours (9)

EGR 500 Research Methods (3)

EGR 598 Simulation (3)

EGR 598 Statistics for Engineering (3)

elective course (3)

overall required credit hours (30)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Engineering (Electrical Systems), BSE

Engineering (Mechanical Engineering Systems), BSE

Engineering (Robotics), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Program admission requirements include:

- minimum of an earned U.S. bachelor's degree or higher 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
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program or a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree
- a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work*
- personal statement and professional resume
- GRE test scores
- proof of English language 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.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. See the Graduate Admission Services website at: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu/engineering/ms-engineering/>
WANER 201
polygrad@asu.edu
480-727-1874

Engineering Education Systems and Design, PHD (ESEESDPHD)

Online Degree Search Title: Engineering Education Systems and Design (PhD)

Campus: Polytechnic

Program Description:

Engineering education systems and design is a transdisciplinary PhD program aimed at advancing understanding of the engineering education ecosystem. The goal of the program is to enable long-lasting improvement of the learning process and infrastructure in engineering education at all levels by emphasizing the study of education as a complex ecosystem that takes into account the multiple inputs, outputs and interactions within an educational setting. A typical student will enter the program with a master's degree in an engineering or a related discipline; will complete six three-credit core courses; and will select from areas of specialization such as education system design, educational policy and implications, learner analytics, design of online educational environments, assessment of impact of educational innovations or engineering student identity formation and pathways.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, and a dissertation.

Core (18)

Electives (12)

Research (12)

Previously awarded master's degree (30)*

Culminating Experience: EGR 799 Dissertation (12)

*If students do not have a master's degree, the remaining 30 hours will be made of elective and research credit hours which will satisfy degree requirements for a master's in engineering or a related field.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- a minimum of a bachelor's or master's degree in engineering, or a closely related field from a regionally accredited college or university
- a minimum of a 3.00 cumulative GPA (scale is 4.00="A") in the last 60 hours of a student's first bachelor's degree program; a minimum of 3.25 cumulative GPA (scale is 4.00="A") in the applicable master's degree

Applicants are required to submit:

- graduate admission online application and application fee
- official transcripts for undergraduate and graduate degrees
- proof of English proficiency*
- two letters of recommendation
- GRE scores
- Three writing samples (more details are listed in the application)
- Resume/CV

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Students must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu/>
WANER 200
polygrad@asu.edu
480-727-4723

Engineering Science (Enterprise Systems Innovation and Management), MSE (ESIEEMSE)

Online Degree Search Title: Engineering Science (Enterprise Sys Innov and Mgmt) (MSE)

Campus: Tempe, Online

Program Description:

The Ira A. Fulton Schools of Engineering offer an MSE in engineering science with an enterprise systems innovation and management concentration, providing enterprise and technology managers a wide range of analytical and strategic methods in enterprise systems, innovation and management. The core focus of the program includes enterprise product and service (offering) innovation, process and strategy innovation within the enterprise, in addition to enterprise management, asset, design and business model innovation.

The enterprise systems innovation and management concentration allows professionals the opportunity to enhance their leadership abilities and analytical thinking and bring value to their organization and professional advancement. In today's global environment, business execution is becoming increasingly competitive. Managing resources, products and customers across the globe magnifies organizational challenges and requires more sophisticated systems, tactical thinking, and advanced methods of measuring, analyzing and controlling performance. Managers must understand the underlying issues across the enterprise to impact and create business value.

The master's in engineering science with a concentration in enterprise systems innovation and management is only available through distance learning and is no longer accepting new applications. The degree program is supported through online courses available from the Ira A. Fulton Schools of Engineering.

Degree Requirements: 30 credit hours including the required applied project course (IEE 593).

- Students must complete a total of 30 credit hours, equaling 10 courses, to earn an MSE.
- Students must complete a three-credit-hour applied project (IEE 593), three credits of applied engineering mathematics, and three credits of engineering management/business.
- Students must complete the required culminating experience course (IEE 593) and an applied project.
- Additional requirements may exist for some academic units.

Admission Requirements:

Applicants must submit:

- online graduate admission application
- official transcripts from all institutions
- a minimum GPA of 3.00 (on a 4.00 scale) for the last 60 credit hours of the undergraduate transcript

The schools attended and major of study completed are also significant factors in admission; an example of undergraduate degrees of applicants might include, but are not limited to, a BS in business, BS in mathematics or BS in engineering.

Completion of a basic statistics course and calculus course are required for admission; a prerequisite course in industrial statistics and tools might be required for some students not meeting this requirement.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required.

Applicants must fulfill both the requirements of the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<https://www.asuengineeringonline.com>
CAVC 375
asu.cpd@asu.edu
480-965-1740

Engineering Science (Software Engineering), MSE (ESSFEMSE)

Online Degree Search Title: Engineering Science (Software Engineering) (MSE)

Campus: Online

Program Description:

The MSE 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 to work as a software engineer or software task leader on large and small projects using 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 will place an emphasis on applied assignments and projects that are relative to the student's workplace.

The program is only available through distance learning, supported through online courses available from the Ira A. Fulton Schools of Engineering.

Degree Requirements: 30 credit hours and a portfolio, or 30 credit hours including the required applied project course (CSE 593).

- Students must complete 30 credit hours equaling 10 courses to earn a master's degree.
- Students must complete a culminating experience (applied project or portfolio), three credits of applied engineering mathematics and three credits of engineering management/business.
- A culminating event is required and will be identified by the student's advisory committee. It could be a project portfolio or the final report for an applied project.
- Additional requirements may exist for some academic units.

Admission Requirements:

To be considered for admission, applicants must:

- submit the online graduate admission application
- submit official transcripts from all institutions to be evaluated
- have earned a BS in computer engineering, software engineering or a related field
- have a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 credit hours of the undergraduate transcript (or for the last 12 units of the postbaccalaureate transcript)
- 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); successful completion of Calculus I (a minimum requirement)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required.

Graduates of non-U.S. institutions must satisfy admission requirements established by ASU Graduate Education.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<http://www.asuengineeringonline.com>
CAVC 375
asu.cpd@asu.edu
480-965-1740

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 students with a background in the sciences, engineering, environmental science, natural resource management, environmental health and safety, or other affiliated areas with the regulatory and technical background to mitigate the environmental impact of industrial sources of pollution, ensure compliance with environmental regulations, and manage and preserve natural ecosystems.

The curriculum focuses on areas such as environmental law, air pollution, soil and groundwater contamination, environmental toxicology, hazardous waste management, natural resources, worker health and safety, and international environmental laws and policies. Graduates are employed by manufacturing and mining industries, federal, state and local environmental agencies, environmental firms, international agencies such as the UN and World Bank, and NGOs.

Degree Requirements: 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).

Written Comprehensive Exam Option

Core - 9 credit hours
Electives or Research - 12 credit hours
Track Courses - 9 credit hours*
Culminating Experience - written comprehensive exam
Total - 30 credit hours

Applied Project Option

Core - 9 credit hours
Electives or Research - 9 credit hours
Track Courses - 9 credit hours*
Culminating Experience - 3 credit hours of applied project course ERM 593
Total - 30 credit hours

Thesis Option

Core - 9 credit hours
Electives or Research - 6 credit hours
Track Courses - 9 credit hours*
Culminating Experience - 6 credit hours of ERM 599 thesis
Total - 30 credit hours

*Students either select the environmental management track or the international environmental management track.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Business (Global Agribusiness), BA

Environmental and Resource Management, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Degree: A minimum of a bachelor's degree or master's degree in one of the following fields is required: environmental engineering, environmental and resource management, biology, chemistry, geology, environmental health, environmental management, environmental science, environmental health and safety, environmental technology, industrial hygiene or natural resource management, or a related field.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Exam: No

Required Admission Examinations: GRE (Students with professional experience in this field may apply for a GRE waiver.)

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
<http://poly.engineering.asu.edu/erm/ms-environmental-and-resource-management/>
WANER 201
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 in Human Systems Engineering in the Ira A. Fulton Schools of Engineering provides students with opportunities for practical experience in diverse organizations and laboratories as well as internships in a variety of settings. The program is hands-on and challenging, and the field is growing quickly, creating opportunities for further study and employment. The areas of application include the following:

- consumer psychology
- human factors and user-experience design
- industrial and organizational psychology
- learning design

Recent graduates are working at places like Intel, Boeing, GoDaddy, Mayo Clinic, PayPal, Motorola, Google and the Air Force Research Lab. Recipients of our master's degree have also gone on to pursue doctorates at ASU and other prestigious institutions.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (PSY 593).

This master's degree program requires the completion of 30 credit hours with a GPA of 3.00 ("B" grades) or higher. Students have the option of doing a thesis or an applied project to develop and demonstrate professional knowledge and skills.

core (18)

electives and research (6)

culminating experience: PSY 599 Thesis (6) OR PSY 593 Applied Project (6)

total credit hours (30)

Students selecting the thesis option will, under faculty supervision, work on the thesis for at least one calendar year. The first three thesis credits will be devoted to developing an idea and preparing a proposal for approval by a faculty committee. The next three credits will 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 will be devoted to collecting and analyzing data and writing and revising the thesis under the direction of the student's committee chair. Students will defend the thesis in an oral examination.

Students selecting the applied project option will, under faculty supervision, allocate the 12 credit hours to a combination of research, applied project, and report writing appropriate to the goals of the student and the program and the availability of internship opportunities. In all cases, the project will culminate in a substantial written report followed by a comprehensive oral examination covering the project and other materials from required courses.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Human Systems Engineering, BS

Industrial and Organizational Psychology, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

The following is required of applicants to complete an application file. Incomplete files will not be reviewed or considered until complete.

- a bachelor's degree in psychology or a related field (including engineering, computer science or business)
- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for applicants whose native language is not English*
- official GRE general exam scores
- statement of purpose describing professional and academic aspirations
- three letters of recommendation from college professors, employers (in a human factors-related field) or a combination of both academic and professional references

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency. International applicants can find complete information on the English proficiency exams and other required documents on the Division of Graduate Education website: <https://graduate.asu.edu/international> (<https://graduate.asu.edu/international>).

Applicants to this program generally have completed an undergraduate course in statistics.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<http://poly.engineering.asu.edu/hse/ms-hse/>
WANER 201
polygrad@asu.edu
480-727-1874

Industrial Engineering, MS (ESINDENMS)

Online Degree Search Title: Industrial Engineering (MS)

Campus: Tempe, Online

Program Description:

The MS program in industrial engineering degree offers a thesis track and a nonthesis track. 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. Final consideration and approval may be given to students who have obtained an ASU graduate GPA of 3.20 or greater.

Industrial engineering combines knowledge from the physical, mathematical and social sciences to design systems that integrate people, equipment and information in the most efficient way. Improvements made by industrial engineers in automation, information control and process quality revolutionized manufacturing in the past century and greatly increased quality of life. Trends toward globalization, increased complexity and rapid technological innovation create an even greater need for industrial engineering in the 21st century.

Successful industrial engineering concepts are also spreading to the financial, logistics and health care services industries, affording new areas of opportunity.

Faculty members in the industrial engineering program are internationally recognized for their innovative research projects, funded both by government and industry. The industrial engineering program at ASU is consistently ranked among the top 20 in the nation for graduate programs in the United States.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours and a written comprehensive exam.

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 course work, six credit hours of thesis, a written thesis and a final oral examination. The nonthesis track requires 30 hours of course work and a comprehensive exam. All students are required to take the following course work:

core (12)

IEE 505 Information Systems Engineering (3) or IEE 506 Web-Enabled Decision Support Systems (3)

IEE 545 Simulating Stochastic Systems (3) or IEE 561 Production Systems (3)

IEE 572 Design Engineering Experiments (3) or IEE 578 Regression Analysis (3) or IEE 573 Reliability Engineering (3)

IEE 574 Applied Deterministic Operations Research (3) or IEE 575 Applied Stochastic Operations Research Models (3)

three to four area courses

zero to two elective courses

IEE 599 Thesis (6) (thesis track only)

Students must successfully defend the thesis or pass the written comprehensive examination to graduate.

Concurrent Degrees:

This degree is also offered as concurrent degree with W. P. Carey MBA - Online Program

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Engineering Management, BSE

Industrial Engineering, BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students must submit an online graduate admission application. Required supplementary application materials include:

- a statement of purpose
- GRE scores
- three letters of recommendation

- official transcripts from all institutions attended
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

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" (2.00) or higher.

A student with any deficiency course work 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 (3)
- CSE 205 Concepts of Computer Science and Data Structures (3)
- IEE 376 Operations Research Deterministic Techniques/Applications (3)
- IEE 380 Probability and Statistics for Engineering Problem Solving (3)
- IEE 470 Stochastic Operations Research (3)
- MAT 242 Elementary Linear Algebra (2)

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<https://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@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 in industrial engineering as preparation for careers in academia, government and industry. 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.

Faculty members in the industrial engineering program are internationally recognized for their innovative research projects, funded both by government and industry. The industrial engineering program at ASU is consistently ranked among the top 20 graduate programs in the United States. This doctoral program provides a rigorous education and provides students with research and educational experiences that allow them to pursue careers in advanced research and teaching. A large fraction 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. Graduates of the program typically find employment in academia as well as industrial companies that develop and make use of advanced techniques for the operation of their businesses.

Degree Requirements: 85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students are required to complete five core courses within the first year of full-time enrollment in the doctoral program:

- 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)

After completion of the core courses, each student must take and successfully pass a qualifying exam on four of the five core courses to be allowed to continue in the program. As part of the program, students will also complete the following required courses:

IEE 584 Internship (1) or an additional IEE 594 Conference and Workshop (1)
IEE 594 Conference and Workshop (1)
IEE 700 Research Methods (1)
IEE 784 Teaching Internship (1)
IEE 790 Reading and Conference (1) OR
IEE 792 Research (12)
IEE 799 Thesis (12)

Students must also complete 42 credit hours of approved course work beyond the core and required 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 course work in the plan of study. The student must also successfully defend the dissertation prospectus and the dissertation research.

Admission Requirements:

Students will submit an online graduate admission application. Required supplementary application materials include:

- a statement of purpose
- GRE scores
- three letters of recommendation
- official transcripts from all institutions attended
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

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" (2.00) or higher.

A student with any deficiency course work 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 with Java (3)
CSE 205 Concepts of Computer Science and Data Structures (3)
IEE 376 Operations Research Deterministic Techniques/Applications (3)
IEE 380 Probability and Statistics for Engineering Problem Solving (3)
IEE 470 Stochastic Operations Research (3)
MAT 242 Linear Algebra (2)

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Information Technology, MS (TSIFTMS)

Online Degree Search Title: Information Technology (MS)

Campus: Polytechnic

Program Description:

Students who select the MS in information technology obtain advanced technology skills that prepare them for careers in industry, education or government. Through the curriculum, graduates design and implement information technology solutions, develop and implement enterprise databases, perform technical analysis of systems and networks, design and create technology solutions, and serve as information technology and network communications security analysts.

The program focuses on developing the ability to conceptualize, organize and realize information technology projects that meet the needs of users within an organizational or societal context. Students select course work that encompasses core technologies in one of three focus areas: security and networking; databases; and, enterprise computing. The specialization area and graduate degree culminates in developing an industry focused culminating project related to the student's area of interest.

Degree Requirements: 30 credit hours including the required applied project course (IFT 593).

core (15)

focus area electives (12)

culminating experience (3)

IFT 593 Applied Project (3)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Information Technology, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Program admission requirements include:

- minimum of a bachelor's degree or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited college or university
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree
- GRE test
- letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of

Information Technology

<http://poly.engineering.asu.edu/it/ms-information-technology/>

WANER 201

polygrad@asu.edu

480-727-1874

Lean Six Sigma Black Belt (Certificate), Certificate (ESLSSBGRCT)

Online Degree Search Title: Lean Six Sigma Black Belt (Grad Certificate)

Campus: Tempe, Online

Program Description:

The Lean Six Sigma Black Belt graduate certificate is aimed at engineers and managers who oversee tactical and strategic projects as well as various operational functions in their organizations. The certificate aims to provide students with a set of contemporary tools to produce measurable improvements in business processes. In particular, graduates of the certificate program will:

- gain an in-depth understanding of the Define Measure Analyze Improve Control process and the tools used to achieve effective process and product improvement
- develop the leadership and team-building skills necessary to oversee continuous improvement projects with many stakeholders
- understand how lean principles and design for Six Sigma fit into the overall task of product and process improvement

Courses will be available face-to-face for on-campus students through the School of Computing, Informatics and Decision Systems Engineering and online through the Office of Global Outreach and Extended Education. To support the professional engineering workforce, students have the option to complete the graduate certificate entirely online.

The culminating experience is a project students are required to complete as part of the capstone course. This requirement 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).

overall required credit hours (15)

required course credit hours (6)

elective course credit hours (6)

culminating experience: IEE 585 Six Sigma Capstone (3)

Admission Requirements:

Applicants must submit an online graduate admission application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Students should have completed a course in basic statistics, have taken math courses through vector calculus, and be able to demonstrate computer skills with modern programming languages and software. The basic statistics course should cover descriptive statistics, modeling uncertainty through the use of probability distributions, the concept of hypothesis testing, analysis of variance and confidence intervals, and simple linear regression.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<http://cidse.engineering.asu.edu/>
BYENG 225
cidse.advising@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 in manufacturing engineering program, and students can follow their interests by developing deeper expertise in either manufacturing processes or the processes of manufacturing. The degree provides advanced technical content to help students prepare for career transitions and improve company competitiveness. The program 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. A thesis, applied project or capstone course option is offered.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required Applied Project course (EGR 593), or 30 credit hours including the required Capstone course (EGR 570).

Required core (12)

Electives or research (12-15)

One of the following options is required of all students:

EGR 570 Capstone Design (3)

EGR 593 Applied Project (3)

EGR 599 Thesis (6)

Admission Requirements:

Program admission requirements include:

- minimum of a bachelor's degree 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 country
- minimum of a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work
- professional resume and personal statement
- GRE scores
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. See the Graduate Admission Services website for requirements at: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu>
WANER 201
polygrad@asu.edu
480-727-1874

Materials Science and Engineering, MS (ESMATEMS)

Online Degree Search Title: Materials Science and Engineering (MS)

Campus: Tempe, Online

Program Description:

The materials science and engineering MS program has two track options: a thesis track and a nonthesis track. The nonthesis track has an applied project or a portfolio option. The thesis and applied project options require a faculty advisor. All students are admitted to the nonthesis track. If students wish to change to the thesis track, a faculty advisor has to be secured, and then a petition can be submitted to change to the thesis track. This graduate program prepares students for professional careers in materials science and engineering and related fields in industry, government and educational institutions.

Degree Requirements: 32 credit hours and a portfolio, or 32 credit hours and a thesis, or 32 credit hours including the required applied project course (MSE 593).

Core Courses: 6 credits

Thesis students must take six hours of core courses selected from the list below. Note that the fourth choice requires both MSE 526 and MSE 527 but only the MSE 526 may be counted as a technical elective. This selection is most appropriate for students who have some background in modern physics.

MSE 515 Introduction to Electrical, Magnetic and Optical Properties of Materials (3)

MSE 523 Structural and Mechanical Properties of Materials (3)

MSE 524 Advanced Thermodynamics (3)

MSE 526/527 Materials Physics I and II (6)

MSE 561 Phase Transformations, Kinetics, and Diffusion in Solids (3)

Technical Electives: 18 credits

Students must take 18 hours of technical electives. Refer to master's degree handbook and check sheets for options.

Seminar

Students must take a total of two hours (across two semesters) of MSE 591 Seminar.

Thesis

Thesis students must take six hours of thesis (MSE 599), complete a thesis and pass the thesis defense examination.

Applied Project

Students in the applied project track are required to take three hours, but may take up to six hours, of applied project (MSE 593), complete an applied project and pass the applied project presentation as the final culminating experience.

Portfolio

Students in the portfolio track will submit, in the last semester of their program, a portfolio containing at least two projects from previous materials science and engineering course work, along with a paper explaining the projects. Students must successfully complete the portfolio requirements to pass the culminating experience.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Materials Science and Engineering, BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Admission to the materials science and engineering graduate program is highly competitive.

To be considered for admission to the master's degree program, the student must submit these items:

- online graduate admission application
- application fee
- official GRE score
- proof of English language proficiency*
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Students whose native language is not English are required to achieve a minimum score of 100 on the Internet-based Test of English as a Foreign Language (TOEFL).

4+1 admission requires a 3.50 major GPA.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
<https://semte.engineering.asu.edu/materials-science-graduate/>
ECG 207
semtegrad@asu.edu
480-965-4979

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.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Credit Requirements

The doctoral program in materials science and engineering consists of 84 hours of graduate work. Ten lecture courses (30 credit hours) plus three credit hours of seminar are required. Students entering the program with a master's degree in materials science may apply up to 30 hours toward the plan of study, but must take four lecture courses at ASU. If the MS has not been completed, a maximum of 12 hours of graduate work may be applied with program approval.

Required Courses

The doctoral program in materials science and engineering program core requirements include 12 hours of graduate-level materials science and engineering courses. The following four courses (comprising these 12 hours) are required for all students:

Core Courses (12 hours)

MSE 515 Introduction to Electronic, Magnetic and Optical Properties or MSE 526/MSE 527 Materials Physics I and II (3)
MSE 523 Structure and Mechanical Properties (3)
MSE 524 Advanced Thermodynamics (3)
MSE 561 Kinetics and Phase Transformations in Solids (3)

Electives (3-18 credit hours)

Students entering with a bachelor's degree are required to complete a minimum of 18 hours of elective course work. 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.

Research (24-39 credit hours)

Students entering the doctoral program with a master's degree need to complete 24 hours of research (MSE 792). Students entering with a bachelor's degree are required to complete 39 hours of research (MSE 792).

Dissertation (12 credit hours)

All doctoral students are required to complete 12 hours of dissertation (MSE 799). Note that only 12 hours of dissertation credit (MSE 799) are required on the plan of study.

Seminar (3 credit hours)

The MSE 591 seminar is a one credit hour course. Students must take three credit hours (across three semesters) of seminar. 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.

Admission Requirements:

Applicants to the doctoral program are required to submit the following:

- online graduate admission application
- application fee
- GRE score
- official transcripts
- personal statement
- resume or curriculum vitae
- Test of English as a Foreign Language (TOEFL) score for international students
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Once the application file is complete, the file is forwarded to the faculty admissions committee for evaluation and recommendation. 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
<http://semte.engineering.asu.edu/materials-science-graduate/>
ECG 207
semtegrad@asu.edu
480-965-4979

Mechanical Engineering, MS (ESMEMS)

Online Degree Search Title: Mechanical Engineering (MS)

Campus: Tempe

Program Description:

The mechanical engineering MS program offers two track options: a thesis option and a nonthesis option.

The nonthesis option has two possible culminating experiences: a portfolio or an applied project. The applied project option requires a faculty advisor.

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.

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).

The plan of study must be in accordance with university and program requirements. A minimum cumulative GPA of 3.00 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 in the following courses:

- at least 12 credit hours of graduate MAE course work (500 level and above) for thesis students, at least 15 credit hours of graduate MAE course work (500 level and above) for nonthesis students
- at least six credit hours of graduate mathematics-oriented courses (500 level and above)
- at least six credit hours of additional graduate (500 level and above) courses, which are not restricted to MAE courses or to other technical electives
- six credit hours of MAE 599 Thesis for thesis students; up to six hours of MAE 593 Applied Project for applied project students; three hours of additional graduate electives (500 level and above) for portfolio students**

A final defense of the thesis will be required for students in the thesis option.

*A maximum of three credit hours of MAE 584 Internship may be counted toward this requirement.

**These additional three hours of graduate electives are not restricted to MAE courses.

Accelerated Degrees:

This degree is also offered as an accelerated 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Admission to the mechanical engineering graduate program is highly competitive.

To be considered for admission to the Master of Science in mechanical engineering program, the student must submit these items:

- online graduate admission application
- application fee
- official GRE score
- proof of English language proficiency*
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Students whose native language is not English are required to achieve a minimum score of 80 on the Internet-based Test of English as a Foreign Language (TOEFL).

4+1 admission requires a 3.50 major GPA.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-graduate/>

ECG 207
semtegrad@asu.edu
480-965-4979

Mechanical Engineering, PHD (ESMEPHD)

Online Degree Search Title: Mechanical Engineering (PhD)

Campus: Tempe

Program Description:

The PhD program in mechanical engineering accommodates individual interests and encourages independent and innovative study. Students are part of a diverse intellectual community dedicated to advancing the state of the art and practice of mechanical engineering.

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 PhD are required to pass both a qualifying and a comprehensive examination administered by the program committee.

credit hours of course work 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:

Admission to the mechanical engineering doctoral program is highly competitive. To be considered for admission to the program, the student must submit these items:

- graduate admission application
- application fee
- GRE scores
- official transcripts from all prior institutions attended
- personal statement
- resume or curriculum vitae
- proof of English language proficiency*
- three letters of recommendation

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency and are required to achieve a minimum score of 80 on the Internet-based Test of English as a Foreign Language (TOEFL).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Please see the program website for application deadlines.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<http://semte.engineering.asu.edu/mechanical-graduate/>
ECG 207
semtegrad@asu.edu
480-965-4979

Molecular, Cellular, Tissue, and Biomaterials Engineering (Certificate), Certificate (ESMCTBGRCT)

Online Degree Search Title: Molecular, Cellular, Tissue and Biomaterials Engineering (Grad Certificate)

Campus: Tempe, Online

Program Description:

Engineers are rapidly improving in the capabilities in manipulating 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 in molecular, cellular, tissue, and biomaterials engineering will expose students to many of the principles and techniques which are central to molecular, cellular, tissue, and biomaterials engineering. On completion of this certificate program, students will have a set of skills enabling them to participate in engineering biological systems at levels from the molecular to tissues.

Degree Requirements: 15 credit hours.

Required Courses: (6 credit hours)

BME 518 Advanced Biomaterials (3)

BME 533 Transport Processes (3)

Electives: (9 credit hours; choose three)

BME 534 Transport Processes II (3)

BME 543 Thermodynamics of Chemical Systems (3)

BME 544 Chemical Reactor Engineering (3)

BME 598 Bionanotechnology (3)

BME 598 Drug Delivery (3)

BME 598 Regenerative Medicine (3)

BME 598 Systems Biology (3)

Total required credit hours: 15

Admission Requirements:

Applicants must meet the admissions criteria for the Division of Graduate Education.

Applicants must complete an online graduate admission application.

Degree: BS or BSE in Biomedical engineering, OR BS or BSE in engineering plus advanced (postbaccalaureate) training in medicine, physiology, or related fields, OR

BS in science discipline, plus additional background work in biology, thermodynamics, fluids, transport AND additional work in medicine, physiology, or related fields. Specifically, applicants will need to demonstrate equivalent proficiency in at least 4 of the following 5 areas:

biomaterials

electrical networks or circuits

engineering mechanics

fluid mechanics or engineering transport

thermodynamics or physical chemistry

GPA: Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree.

English Proficiency Requirement for International Applicants: See the Division of Graduate Education proficiency requirements.

Required Admission Examinations: None required

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of

School of Biological & Health Systems Engineering

<http://sbhse.engineering.asu.edu/academics>

ECG 334

sbhse-advising@asu.edu

480-965-5485

Neural Engineering (Certificate), Certificate (ESNENGRCT)

Online Degree Search Title: Neural Engineering (Grad Certificate)

Campus: Online

Program Description:

Technologies for ameliorating neural disorders ranging from epilepsy and stroke to paralysis are developing rapidly. Understanding and deploying these technologies will require specialized skills in neurophysiology, bioelectricity and neural-electronic interfaces. The certificate in neural engineering will prepare clinical, industrial and academic practitioners with those skills through a set of five online courses preparing students with core knowledge in neurophysiology, neuroanatomy and neuropathology. Students will 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 Courses: (6 credit hours)

BME 526 Introduction to Neural Engineering (3)

BME 561 Clinical Neuroscience (3)

BME 520 Bioelectric Phenomena (3)

BME 521 Neuromuscular Control Systems (3)

BME 556 Human Systems Neuroscience (3)

BME 598 Multisensory Integration (3)

BME 598 Neural Plasticity and Neurorehabilitation (3)

Total required credit hours: 15

Admission Requirements:

Applicants must complete an online graduate admission application.

Degree: BS or BSE in biomedical engineering, or BS or BSE in engineering and advanced (postbaccalaureate) training in medicine, physiology or related fields, or BS in science discipline, plus additional background work in thermodynamics, fluids, transport and additional work in medicine, physiology or related fields. Specifically, applicants will 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

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

English Proficiency Requirement for International Applicants: equivalent to the ASU Division of Graduate Education policy: TOEFL of at least 550 (PBT) or 80 (iBT), or IELTS overall band score of 6.5. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
School of Biological & Health Systems Engineering
<http://sbhse.engineering.asu.edu/academics>
ECG 334
sbhse-advising@asu.edu
480-965-5485

Nuclear Power Generation (certificate), Certificate (ESNPGGRCT)

Online Degree Search Title: Nuclear Power Generation (Grad 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. The goal of the program is to prepare students and professionals from a variety of engineering and scientific disciplines to work effectively in the nuclear energy industry, including in nuclear power plants, government regulatory agencies and national laboratories. The certificate program offers students a comprehensive, transdisciplinary education as courses from multiple academic units constitute the core and elective classes.

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
- nuclear reactor theory and design
- structural materials in nuclear power systems

Elective courses allow students to tailor the remaining studies toward facilitating their career goals and focusing on studies tied to their discipline. Example elective courses include nuclear power engineering, health physics and electrical power plants. The primary mode of instructional delivery is online, using the facilities of the engineering office of Global Outreach and Extended Education.

Degree Requirements: 15 credit hours.

15 credit hours including:

EEE 562 Nuclear Reactor Theory and Design (3)
EEE 563 Nuclear Reactor System Dynamics and Diagnostics (3)
EEE 564 Interdisciplinary Nuclear Power Operations (3)
MSE 565 Structural Materials in Nuclear Power Systems (3)

Elective course (3)

Admission Requirements:

Applicants who hold a bachelor's degree from a regionally accredited institution in an engineering or science discipline, such as physics, chemistry and mathematics, are eligible to apply to the program. Applicants are required to submit:

- an official ASU online graduate admission application
- official transcripts of all undergraduate and graduate course work
- statement of career and educational goals

Regular admission may be granted to applicants who have achieved a GPA of 3.00 (4.00 scale) or better in the last two years of work leading to a bachelor's degree and are competitive in the applicant pool.

An applicant whose native language is not English (regardless current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Sensor Signal and Information Processing (Certificate), Certificate (ESSSIPGRCT)

Online Degree Search Title: Sensor Signal and Information Processing (Grad Certificate)

Campus: Tempe

Program Description:

The graduate certificate 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 certificate is a professional graduate program. The area of sensor information extraction and interpretation is an enabler for several applications, including health, sustainability, media, communications and security. The program includes courses on signal and data processing for sensor systems. The certificate may be completed with on-campus course work and iCourses. Course topics include digital signal processing, random signal theory, detection and estimation, sensor systems, big data and machine learning.

Degree Requirements: 18 credit hours.

Core (12)

Electives (6)

Total hours required for the program (18)

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- a bachelor's degree in an engineering or science discipline such as physics, mathematics or computer science from an accredited institution
- a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- statement of purpose
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Regular admission will be granted to applicants who have at least 3.00 GPA or equivalent (on a scale of 4.00) 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, or signals and systems and random signals course equivalents from other universities).

Applicants must fulfill both the requirements of the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Simulation, Modeling, and Applied Cognitive Science, PHD (TSSMACSPHD)

Online Degree Search Title: Simulation, Modeling and Applied Cognitive Science (PhD)

Campus: Polytechnic

Program Description:

Simulation, modeling and applied cognitive science describes a growing transdisciplinary field (including the disciplines of psychology, engineering and computer science) that 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 simulation and modeling methods.

A large domain exists in which the coupling of applied cognitive science with simulation and modeling is imperative. Examples include the following:

- development of intelligent agents
- 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
- models of cognitive states and processes or sociocultural systems
- medical simulation for health care research
- 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 doctoral program is designed to produce individuals who are well-grounded and skilled in the methods of simulation, modeling and cognitive science. Employers (e.g., Department of Defense, Federal Aviation Administration, Nuclear Regulatory Commission, hospitals, etc.) have an ever-increasing demand for personnel who can bridge the gap between rigorous science and solutions to real-world problems. The doctorate program will provide 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.

Students will work with a committee of at least three faculty members to design a plan of study tailored to the student's interests and background. There will be considerable flexibility in setting the plan of study, but it must include a minimum number of credit hours in the areas of foundations, tools and methods, applications, research and scholarship. The program should also aim for a transdisciplinary education by including work in various disciplines. The degree requires 84 credit hours, with up to 30 credit hours accepted from a previously awarded master's degree. Electives can be chosen to provide additional breadth or depth, depending on the student.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for applicants whose native language is not English
- official GRE general exam scores
- statement of research interests
- three letters of recommendation

Note: A master's degree in psychology, engineering, cognitive science, computer science or closely related field is required.

International applicants can find complete information on the English proficiency exams and other required documents here: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Please 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.

Admission to the graduate degree program presupposes an adequate technical preparation in statistics, cognitive science and software programming. Applicants who lack some of the required preparation still may be admitted but assigned deficiency courses which must be completed within the first semester of starting the graduate program while concurrently enrolled in graduate-level course work. Deficiency courses are assigned after admission is granted but before the start of the student's first semester. A faculty member will notify students with deficiencies and the specific course requirements via email.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<http://poly.engineering.asu.edu/hse/simulation-modeling-and-applied-cognitive-science/>
WANER 201
polygrad@asu.edu
480-727-1874

Software Engineering, MS (TSSERMS)

Online Degree Search Title: Software Engineering (MS)

Campus: Polytechnic

Program Description:

The MS in software engineering degree program focuses on developing advanced knowledge and abilities in individual and team-based software development processes. Students learn to apply engineering principles to software projects, including design methodologies, evolutionary development, and requirements driven improvement. The program is aimed at cultivating professional skills in this discipline as well as providing opportunities to engage in software engineering research.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (SER 593), or 30 credit hours including the required capstone course (SER 517 and SER 518).

overall required credit hours (30)

core course credit hours (12)

elective course credit hours (12)

culminating experience (three options; each combination totals 6 credit hours taken over two semesters):

capstone course requirements:

SER 517 Software Factory I (3) and SER 518 Software Factory II (3)

applied project course requirements:

SER 593 Applied Project (6)

thesis course requirement:

SER 599 Thesis (6)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Software Engineering, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Program admission requirements include:

- minimum of a bachelor's degree or master's degree in information technology, computer science, applied computing, engineering or a closely related field from a regionally accredited college or university (or international equivalent)
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree, if appropriate
- online graduate admission application
- GRE test
- proof of English language proficiency*
- professional resume and personal statement

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of

Software Engineering

<https://cidse.engineering.asu.edu/forstudent/graduate/software-engineering/>

WANER 201

cidse.gradpoly@asu.edu

480-727-3520

Solar Energy Engineering and Commercialization, PSM (ESSEECPSM)

Online Degree Search Title: Solar Energy Engineering and Commercialization (PSM)

Campus: Tempe

Program Description:

The PSM in solar energy engineering and commercialization offers advanced, interdisciplinary education in solar energy to students with backgrounds in science, technology, engineering or mathematics (STEM). The objective of the program is to enable graduates to pursue careers in industry, government or the nonprofit sector that involve solar energy and its utilization. Students in the program must select courses from technical and nontechnical tracks, including solar energy policy, spanning a number of academic programs and schools. Opportunities exist for engagement with the solar energy industry or government policymakers, leading to a required applied research project that culminates the program. The degree program is meant to be completed in 12 months for full-time students.

Degree Requirements: 30 credit hours including the required applied project course (MAE 593 or SEC 593).

The Professional Science Master's in solar energy engineering and commercialization requires the following:

core courses (15 credit hours)

one approved solar photovoltaic graduate course (3)*
GCU 598 Solar Energy and Public Policy (1)
HSD 594 Science Outside the Lab (Field Trip - Washington, DC) (2)
SEC 588 Solar Energy Colloquium (3)
SEC 593 Applied Project (6)
Elective Courses (15 credit hours: 9 technical credits, 6 nontechnical credits)

*Students will be provided with a list of approved courses, to include but not be limited to:

ALT 507 Evaluations of Photovoltaics and Fuel Cell Systems (3)
ALT 535 Applied Photovoltaics (3)
EEE 565 Solar Cells (3)
EEE 591 Topic: Solar Energy (3)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Mechanical Engineering, BSE
- Mechanical Engineering (Computational Mechanics), BSE
- Mechanical Engineering (Energy and Environment), BSE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

- completed online graduate application
- official transcripts from each institution from which a degree was earned sent to Graduate Admission Services
- general GRE
- minimum of a 3.00 cumulative GPA (4.00 = "A") in the last 60 hours of a student's bachelor's degree program
- minimum of a bachelor's degree in a field such as science, technology, engineering or mathematics (STEM) 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
- English proficiency requirement*
- three letters of recommendation
- personal statement

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Acceptable scores on the TOEFL or IELTS as follows:

The minimum TOEFL requirement is 550 (PBT) or 80 (iBT). Score of 90 or higher is recommended.
The minimum IELTS requirement is an overall band score of 6.5. Score of 7.0 or higher recommended.
The minimum Pearson Test of English (PTE) requirement is 60.

Other details regarding English proficiency requirements are described on the Division of Graduate Education website:
<https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
School for Engineering of Matter, Transport & Energy
<http://semte.engineering.asu.edu/solar-energy-engineering-commercialization/>
ENGRC 425
PSM.Solar.Energy@asu.edu
480-965-5584

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, online, individualized plan of study. Courses cover such sustainable engineering topic areas as energy systems and alternative energy production, water, transportation, 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 a capstone course and a written comprehensive exam, or 30 credit hours including a thesis and written comprehensive exam, or 30 credit hours including the required applied project course (CEE 593) and a written comprehensive exam.

Required Courses: (12 credit hours)

CEE 572 Lifecycle Assessment for Civil Systems (3)

CEE 581 or SOS 552 Advanced Earth Systems Engineering and Management (3)

CEE 582 or SOS 515 Industrial Ecology and Design for Sustainability (3)

CON 548 Sustainable Construction (3)

Infrastructure Systems Track Courses: (9 credit hours; select three courses)

CEE 579 Sustainability Ethics (3)

CEE 586 Sustainable Civil and Environmental Systems (3)

CON 551 Alternate Project Delivery Methods (3)

CON 598 Front-end planning (3)

Energy Systems Track Courses: (9 credit hours; select three courses)

CEE 516 Sustainable Energy and Material Use (3)

CEE 587 Sustainable Energy Technologies (3)

ALT 501 Advanced Renewable Energy: Global Hydrogen Economy (3)

MET 598 Alternative Energy Systems Research (3)

Earth Systems Engineering and Industrial Ecology Track Courses: (9 credit hours)

EE 534 Supply Chain Modeling/Analysis (3)

IEE 581 Six Sigma Methodology (3)

IEE 556 Introduction to Systems Engineering (3)

Elective Courses: (3 credit hours)

Culminating Experience: (6 credit hours)

CEE 599 Thesis or CEE 593 Applied Project or CEE 588 Sedimentation Engineering (Capstone Course)

Admission Requirements:

Degree: A minimum of a bachelor's degree or master's degree in engineering or a closely related field from a regionally accredited college or university is required.

Civil engineering, environmental engineering, construction engineering, mechanical engineering students with an engineering degree other than the above 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 the above, additional requirements may be necessary based upon the applicant's background, including sufficient courses in mathematics that include but are not limited to calculus, differential equations and linear algebra.

A faculty committee will determine which required courses are needed on a case-by-case basis.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: GRE

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of

School of Sustainable Engineering & Built Environment

<http://ssebe.engineering.asu.edu/>
ECG 251
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 Polytechnic School. The program is aimed at advancing the understanding of complex engineering systems, 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 will prepare students to identify, model, analyze, interpret, optimize and manage the multidimensional interactions of the ever-increasing complexity of modern societal and technological challenges.

A typical incoming student in this program would have a master's degree in engineering or related discipline. Students will be required to complete a core of five courses of three credits each. The core 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 will use the 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.

core (15)
electives (15)
research (12)
previously awarded master's degree (30)
culminating experience: EGR 799 Dissertation (12)

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- a minimum of a MS in engineering or a closely related discipline from a regionally accredited college or university in the United States or from appropriately credentialed institutions in other countries
- a minimum of 3.25 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

Applicants are required to submit:

- graduate admission online application and application fee
- official transcripts for undergraduate and graduate degrees
- proof of English proficiency*
- two letters of recommendation
- GRE scores
- statement of purpose
- resume/CV

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu/degrees/>
WANER 200
polygrad@asu.edu
480-727-4723

Technology (Alternative Energy Technologies), MSTech (TSATMSTECH)

Online Degree Search Title: Technology (Alternative Energy Technologies) (MSTech)

Campus: Polytechnic

Program Description:

The MSTech concentration in alternative energy technologies provides students with graduate level expertise in alternative energy technologies that will provide energy resources in the global economy. The program is flexible and permits students to develop a program of study, with faculty approval, to meet their individual career goals.

The program provides a hands-on research experience in the alternative energy technologies field. Topics for master's degree theses and applied projects include: the use of energy sources such as solar, wind, ocean, geothermal and biomass; the solar-hydrogen cycle, a renewable energy scenario that relies on production of hydrogen from solar energy; and energy conversion and distribution in a "smart electrical grid." The required research provides students with an opportunity to develop special research and application skills directly related to individual needs and objectives in the field of alternative energy technologies.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (EST 593).

Thesis Option

Concentration (15-16)

Supporting Area (8-9)

Research methods courses:

EST 500 Research/Writing (2)

EST 591 Graduate Seminar (1)

EST 599 Thesis (6)

At least nine hours of 500-level course work must be included in the technical concentration. Students may take up to six credit hours of 400-level course work to broaden their technical knowledge within the concentration or supporting area. Students are required to complete six hours of EST 599 Thesis, write a thesis and make an oral defense. All course work applied toward the minimum 33 credit hour total must be at the 400 and 500 levels.

Nonthesis Option

Concentration (15-18)

Supporting Area (9-12)

Research Methods Courses:

EST 500 Research/Writing (2)

EST 591 Graduate Seminar (1)

EST 593 Project (3)

At least nine hours of 500-level course work must be included in the technical concentration. A maximum of three credit hours of EST 593 Applied Project may be applied toward the 20-credit-hour, 500-level minimum. Additional background deficiency hours may be required. All course work outside engineering programs must be preapproved by the department chair.

A final oral defense of the applied project is required. A copy of the applied project report or thesis must be submitted before the candidate is eligible for this examination.

Plan of Study

Course work: The student selects a concentration and supporting area, as well as a subset of courses from each area. Specifically, five or six courses are selected from the concentration area and three or four are selected from the supporting area. Early in the program, the student identifies an advisor for the major who is a faculty member of the department interested in the selected area of concentration. The student works with the advisor and committee to develop the program of study and, subsequently, to carry out the research component of the program.

Research: Each student is required to complete an applied project or thesis within the student's area of emphasis as a part of the degree program. The applied project includes a written report.

Research Activity: Research activities in engineering programs include systems, circuit applications and digital design. MSTech candidates will find a broad range of research that can lead to an applied project or thesis.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application

- official transcript from each college or university attended
- an English proficiency exam for applicants whose native language is not English*
- official GRE general exam scores
- statement of purpose
- current resume
- optional) three letters of recommendation

*International applicants can find complete information on the English proficiency exams and other required documents on the Division of Graduate Education website: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)

Note: A bachelor's degree that includes a minimum of 30 credit hours or equivalent in a technology area including course work applicable to the concentration being sought and a minimum of 16 credit hours of mathematics and science is required.

Undergraduate deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Please see the program website for application deadlines.

Applicants must fulfill requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu>
WANER 201
polygrad@asu.edu
480-727-1874

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 program offers a concentration in aviation management and human factors. This concentration offers track options in human factors and aviation management. The program focus is on preparing graduates for a career in the aviation industry and can serve as the foundation for further advanced study. Courses are offered at the Polytechnic campus, with some courses offered as iCourses. Graduates of this program are provided with technical and professional skills for use in leadership positions in the aviation industry.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (AMT 593).

The detailed design of the graduate student's total program requirements (33 credit hours) with the selection of the required courses will be the responsibility of the student along with the supervisory committee chair and committee members. The defining guideline for the department will be to match the student's specific career goals and objectives to a balanced curriculum that can be achieved in a reasonable time and in accordance with a known course-offering schedule.

All master's degree courses will be 500-level courses. A single course exception (400-level course) may be authorized with the consensus of the supervisory committee. Students in this graduate program also have the opportunity to enroll in operations management technology and human systems engineering graduate courses. Aviation students must take at least five AMT graduate courses.

The following are the core requirements for meeting the department's goal to provide an in-depth research and statistics background early in the program, as a foundation for the student's thesis or applied project. The comprehensive elective curriculum design will offer courses that reflect current and applied topics.

Core Requirements: (12 credit hours; must include the following)

- AMT 533 Training Systems and Simulation (3)
- OMT 549 Research Techniques and Applications (3)
- TEM 530 Statistics Bootcamp for Industry (3)
- TMC 555 Leadership and Teams (3)

Stand-Alone Concentration

With the stand-alone concentration, students have a choice of selecting a thesis option or an applied project option. In addition to the core courses, the thesis option also requires 15 credit hours of selected course work, and an additional 18 credit hours are required for the applied project option.

additional requirements courses*

AMT 522 Aviation Law (3) (offered in spring)
AMT 523 Intermodal Transportation Management (3)
AMT 525 Airport Planning and Design (3)
AMT 526 Aviation Labor Relations (3)
AMT 527 Airline Management Strategies (3)
AMT 541 Aviation Physiology (3)
AMT 546 Crew Resource Management/LOFT (3)

*If students elect to complete a track, not all stand-alone program courses would be required.

Human Factors Track Option

Students complete 12 to 15 hours of required track courses. Applied project students will complete 15 hours (all five track courses). Thesis students will complete 12 hours (four track courses) selected in consultation with an advisor. Three credit hours of AMT elective course work are to be chosen in conjunction with the students advisor or committee.

required track courses

AMT 541 Aviation Physiology (3)
AMT 546 Crew Resource Management/Line Oriented Flight Training (3)
AMT 565 Safety in Complex Systems (3)
AMT 570 Unmanned Aerial Systems (3)
PSY 562 Advanced Human Factors (3)

Aviation Management Track Option

Students complete 12 to 15 hours of required track courses. Applied project students will complete 15 hours (all five track courses). Thesis students will complete 12 hours (four track courses) selected in consultation with an advisor. Three credit hours of AMT elective course work are to be chosen in conjunction with the students advisor or committee.

required track courses

AMT 522 Aviation Law (3)
AMT 525 Airport Planning and Design (3)
AMT 526 Aviation Labor Relations (3)
AMT 527 Airline Management Strategies (3)
AMT 534 Airline Pricing and Yield Management (3)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for an applicant whose native language is not English*
- official GRE general exam scores
- statement of purpose
- current resume
- three letters of recommendation

*International applicants can find complete information on the English proficiency exams and other required documents here:

<https://students.asu.edu/graduate/proficiency>. (<https://students.asu.edu/graduate/proficiency>) An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Admission to the graduate degree program presupposes an adequate technical preparation in a selected technology at the undergraduate level. The applicant's past work and professional experience are also evaluated and taken into consideration. Undergraduate course work of admitted applicants to this program generally include calculus and statistics.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Aviation Programs
<http://poly.engineering.asu.edu/aviation/aviation-management-and-human-factors/>
WANER 201
polygrad@asu.edu
480-727-1874

Technology (Electronic Systems Engineering Technology), MSTech (TSSYMSTECH)

Online Degree Search Title: Technology (Electronic Systems Engineering Technology) (MSTech)

Campus: Polytechnic

Program Description:

The MSTech program with a concentration in electronic systems provides students with graduate-level expertise in the technology of electronics and its application at a system level. The program is flexible and permits students to develop a program of study, with faculty approval, to meet their individual career goals. The student selects a combination of courses in a technical concentration and supporting area. The program provides students with an opportunity to conduct research either as a master's degree thesis or as an applied project. This research experience will develop special research and application skills directly related to individual needs and objectives.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (EST 593 or EET 593).

The degree requirements for the master's degree with a concentration in electronic systems engineering technology offered by the department include:

Thesis Option

Concentration (15-16)
Supporting Area (8-9)
Research Methods Courses:
EST 500 Research/Writing (2)
EST 591 Graduate Seminar (1)
EST 599 Thesis (6)

At least nine hours of 500-level course work must be included in the technical concentration. Students may take up to six credit hours of 400-level course work to broaden their technical knowledge within the concentration or supporting area. Students are required to complete six hours of EST 599 Thesis, write a thesis and make an oral defense. All course work applied toward the minimum 33 credit hours total must be at the 400 and 500 levels.

Nonthesis Option

Concentration (15-18)
Supporting Area (9-12)
Research Methods Courses:
EST 500 Research/Writing (2)
EST 591 Graduate Seminar (1)
EST 593 Applied Project (3)

At least nine hours of 500-level course work must be included in the technical concentration. A maximum of three credit hours of EST 593 Applied Project may be applied toward the 20-credit-hour, 500-level minimum. Additional background deficiency hours may be required. All course work outside the department must be preapproved by the department chair.

A final oral defense of the applied project is required. A copy of the applied project report or thesis must be submitted before the candidate is eligible for this examination.

Plan of Study

Course work: The student selects a concentration and supporting area, as well as a subset of courses from each area. Specifically, five to six courses are selected from the concentration area, and three or four are selected from the supporting area. Early in the program, the student identifies a major advisor, who is a faculty member of the department interested in the selected area of concentration, and a committee. The student works with the major advisor and committee to develop the program of study and subsequently to carry out the research component of the program.

Research: Each student, as a part of the degree program, is required to complete an applied project or thesis within the student's area of emphasis. The applied project includes a written report.

Research Activity: Research activities in the department include systems, circuit applications and digital design. Candidates will find a broad range of research that can lead to an applied project or thesis.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for applicants whose native language is not English
- official GRE general exam scores
- statement of purpose
- current resume
- optional) three letters of recommendation

Note: A bachelor's degree that includes a minimum of 30 credit hours or equivalent in a technology area including course work applicable to the concentration being sought, and a minimum of 16 credit hours of mathematics and science is required.

International applicants can find complete information on the English proficiency exams and other required documents on the Graduate Education website: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Undergraduate deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Please see the program website for application deadlines.

Applicants must fulfill requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu>
WANER 201
polygrad@asu.edu
480-727-1874

Technology (Environmental Technology Management), MSTech (TSMGMSTECH)

Online Degree Search Title: Technology (Environmental Technology Management) (MSTech)

Campus: Polytechnic

Program Description:

The MSTech degree program with a concentration in environmental technology management provides students with a background in the sciences, engineering, environmental science, natural resource management, industrial hygiene or other affiliated areas with the regulatory and technical background to manage complex environmental problems.

Graduate courses are available in a traditional face-to-face format as well as Web-based distance learning. While the faculty and program are based at the Polytechnic campus, the entire program can be completed online. It is possible to complete the program within two years, including summers. Most students are working professionals and are able to finish the degree while working full time. The curriculum includes courses such as:

- air pollution
- chemistry of hazardous materials
- environmental law

- solid waste management
- hazardous waste management
- industrial hygiene
- international environmental law and policy
- soil and groundwater contamination
- sustainable development
- toxicology
- environmental health
- tribal environmental and resource management

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours and a written exam, or 33 credit hours including the required applied project course (ETM 593 or ERM 593), or 33 credit hours including the required written comprehensive exam.

Concentration area course work includes 12 credit hours of core classes and 15 credit hours of approved electives in addition to six credit hours of ETM 599 Thesis or ETM 593 Applied Project and ETM 592 Research. The written comprehensive exam option requires 12 credit hours of core classes and 21 credit hours of approved electives.

Applied Project Option

Core Courses (12)
 Approved Electives (15)
 Research (3)
 Applied Project (3)

Thesis Option

Core Courses (12)
 Approved Electives (15)
 Thesis (6)

Written Comprehensive Exam Option

Core Courses (12)
 Approved Electives (21)
 Written Comprehensive Exam

Supporting course work includes the following areas of study:

- air pollution
- environmental chemistry
- environmental health
- environmental management leadership
- hazardous waste management
- homeland security
- international environmental law and policy
- international environmental management
- soils and groundwater contamination
- sustainability and sustainable development
- sustainable solid waste systems
- tribal environmental resource management
- water and wastewater treatment technologies
- water resource management

Accelerated Degrees:

This degree is also offered as an accelerated degree with Environmental and Resource Management, BS. Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended

- an English proficiency exam for an applicant whose native language is not English
- official GRE general exam scores
- statement of purpose (maximum of 600 words)
- current resume

Applicants may optionally submit up to three letters of recommendation.

International applicants can find complete information on the English proficiency exams and other required documents at: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>). An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please 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.

Admission to the graduate degree program presupposes an adequate preparation in a selected technology at the undergraduate level. The applicant's past work and professional experience are also evaluated and taken into consideration.

Undergraduate course work of admitted applicants to this program generally includes chemistry, calculus and statistics. Deficiencies for admission to the graduate degree program, if any, are specified at the time of admission.

Undergraduate deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<http://poly.engineering.asu.edu>
WANER 201
polygrad@asu.edu
480-727-1874

Technology (Global Technology and Entrepreneurship), MSTech (TSGEMSTECH)

Online Degree Search Title: Technology (Global Technology and Entrepreneurship) (MSTech)

Campus: Polytechnic

Program Description:

The MSTech with a concentration in global technology and entrepreneurship prepares graduates for entrepreneurial and intrapreneurial roles in global technology-driven organizations. The global technology and entrepreneurship program empowers graduates to become leaders in global technology-driven organizations through hands-on study and experiential learning of entrepreneurship and innovation, combined with strategic management of technology, decision-making, and systems and process analysis and modeling.

Program graduates serve as enablers in the implementation of their organization's strategy. Graduates will be able to critically assess and solve problems while they contribute to, and utilize knowledge and applied learning experience toward strategic management of technology; entrepreneurship and innovation; strategic adoption and use of technology; analysis and modeling of systems; identification, testing and acceleration of adoption of new business and manufacturing processes; evaluation and adoption of global best practices and utilization of knowledge management techniques. Project-based experiential learning is used in all face-to-face, hybrid and iCourse courses.

Degree Requirements: 33 credit hours including the required applied project course (OMT 593 or TMC 593).

Students will work with a faculty advisor to design a plan of study tailored to their background and interests. 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 OMT 593 Applied Project.

Core course credit hours: (9 credit hours)

OMT 504 Law and Ethics for Technical Professionals (3)

OMT 520 Strategic Management of Technology (3)

OMT 549 Research Techniques and Applications (3)

Additional concentration courses (restricted electives) credit hours: (15 credit hours)*

OMT 548 Statistical Methods for Research (3)
OMT 560 Managerial Decision Making (3)
OMT 570 Advanced Project Management (3)
TEM 505 Lean Process Improvement (3)
TEM 531 Disruptive Innovation and Technological Evolution (3)
TEM 532 Advanced Analysis of Systems (3)
TEM 555 Global Impact Entrepreneurship (3)

Elective course credit hours (6 credit hours)**

Culminating experience: OMT 593 Applied Project (3 credit hours)

*Students select five courses from the concentration restricted elective list.

**Select one- to- two elective courses (six credit hours) from approved graduate offerings. Students may substitute up to six credit hours with approved courses from a global partner university or as part of an approved global experience. Students may also select elective courses from other majors and other degree programs offered by ASU upon approval of their faculty advisor.

Admission Requirements:

In addition to the university requirements, the program admission requirements include:

- an appropriate technical, science or business baccalaureate degree from an accredited college or university
- a minimum of 30 credit hours in technology, science and mathematics or their equivalents with a grade "C" or better in each course
- completion of an undergraduate college-level statistics and probability course with a grade of "B" or better
- completion of an undergraduate college-level technical writing and communications course with a grade "B" or better
- a minimum undergraduate GPA of 3.00 on a 4.00 point scale for the last 60 credit hours of undergraduate study
- GRE test
- statement of purpose
- a current resume
- three letters of recommendation, either academic or professional
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Industrial or business experience beyond completion of a baccalaureate degree is strongly recommended. Graduate work presupposes an adequate technical preparation in a selected technology at the undergraduate level. Undergraduate deficiencies for admission to the graduate program, if any, will be specified at the time of admission and tracked by the academic unit. The applicant's past work and professional experience will also be evaluated and taken into consideration in the admission decision.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<http://poly.engineering.asu.edu/degrees/graduate-degrees/global-technology-and-entrepreneurship/>
WANER 201
polygrad@asu.edu
480-727-1874

Technology (Graphic Information Technology), MSTech (TSGIMSTECH)

Online Degree Search Title: Technology (Graphic Information Technology) (MSTech)

Campus: Polytechnic, Online

Program Description:

The MSTech program with a concentration in graphic information technology provides students with the opportunity to study in the various areas of the graphics industry. These areas include the following:

- commercial photography
- multimedia and video
- premedia, digital printing and publishing
- web design and development

The courses offered in this degree program provide students with a management-centric approach to the global cross-media graphics industry. This

program focuses on cross-media publishing and graphic imaging and is not a traditional information technology, computer science, computer information systems or information systems management program. The addition of e-media channels such as the searchable Web, tablet, smart mobile cell, social media, digital print, etc., has created new opportunities in the global industry. Changes and developments in communications technology affect everyone in the value chain to include the following: publishers, designers, premedia houses, printers, and Web and multimedia developers.

The degree program has two study options: ASU Online or ASU's Polytechnic campus. Either program can be done completely at a distance. It is recommended that applicants inquire about differences in the two campus options before applying. The applicant chooses the campus when completing the online graduate admission application. The campus cannot be changed once selected.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (TMC 593 or GIT 593).

Students are required to complete a minimum of 33 credit hours of graduate course work. Of the total 33 credit hours, a minimum of 27 credit hours must be 500-level courses and part of the approved program. Additional courses may be assigned by the faculty supervisory committee, depending on the background of the candidate. The minimum degree requirements are as follows:

Applied Project Option

technical area of emphasis (18)
supporting area (9)
research methods course (3)
applied research project (3)

Thesis Option

technical area of emphasis (18)
supporting area (9)
thesis (6)

Most graduate degree students in this program elect to do an applied project rather than a thesis. The applied project generally allows the student to thoroughly explore a graphics-related problem and demonstrate knowledge of the problem, solutions for the problem, and suggestions for further explanation of the problem. Students in the ASU Online program must select the applied project option.

Courses within the various graphics areas are taught on a rotating basis. The most frequently offered courses are listed below.

GIT 500 Research Methods (3)
GIT 515 Web Design and Technologies (3)
GIT 519 Advanced Scripting for the Web (3)
GIT 537 Cross Media Production (3)
GIT 538 Personnel Development for the Graphics Industry (3)
GIT 540 Cross-Media Design Solutions (3)
GIT 542 Usability and User Experience (3)
GIT 573 Color Metrology (3)
GIT 584 Internship (3)
GIT 590 Reading and Conference (3)
GIT 598 Current Trends in Cross Media Research (3)*
GIT 598 Digital Workflow in Graphic Industries (3)*
GIT 598 Graphic Industry Business Practices (3)*
GIT 598 Multimedia Authoring, Scripting and Production (3)*
GIT 598 Web Management and e-Commerce (3)*

*omnibus class

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Applied Science (Graphic Information Technology), BAS
- Applied Science (Internet and Web Development), BAS
- Graphic Information Technology, BS
- Graphic Information Technology (Gaming), BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for an applicant whose native language is not English (regardless of current residency)
- official GRE general exam scores
- statement of purpose (letter of application)
- current resume

Applicants may optionally submit two letters of recommendation.

International applicants can find complete information on the English proficiency exams and other required documents on the Graduate Admission Services website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Admission to the graduate degree program presupposes an adequate technical preparation in a selected technology at the undergraduate level. The applicant's past work and professional experience are also evaluated and taken into consideration.

Undergraduate course work of admitted applicants to this program generally include precalculus and statistics but are not required. Deficiencies for admission to the graduate degree program, if any, are specified at the time of admission and must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/graduate/master-science-technology-graphic-information-technology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Engineering, Ira A. Fulton Schools of
Graphic Information Technology
<https://poly.engineering.asu.edu/git/mstech-graphic-information-technology/>
WANER 201
polygrad@asu.edu
480-727-1874

Technology (Management of Technology), MSTech (TSMRMSTECH)

Online Degree Search Title: Technology (Management of Technology) (MSTech)

Campus: Polytechnic

Program Description:

The MSTech program with a concentration in management of technology prepares students for leadership roles as technically proficient professionals in technology-driven organizations, whether private or public. Students are prepared to successfully transition into leadership positions in their fields of expertise and to move into a general leadership role outside their areas of technical expertise as their careers grow.

This degree program is open to individuals with a technical undergraduate degree who wish to develop their leadership and management skills to complement their technical expertise. The curriculum is tailored to the needs of the student, ensuring each student obtains basic leadership and management skills.

Degree Requirements: 33 credit hours and a thesis, 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 either TMC 593 Applied Project or TMC 599 Thesis.

Additionally, each student is required to select four courses from the following list: (12 credit hours)

- OMT 503 Marketing Management (3)
- OMT 504 Law and Ethics for Technical Professionals (3)
- OMT 540 International Management (3)
- OMT 548 Statistical Methods for Research (3)
- OMT 550 Industrial Training and Development (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. If selecting the thesis option, courses are chosen to support the student's research topic and research methods. To ensure that all courses taken will 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 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 will be required to complete an appropriate course during the first semester in the program. This course will be 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. Please contact the department for more information.

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam score for applicants whose native language is not English*
- official GRE general exam scores
- statement of purpose
- current resume
- three letters of recommendation

*International applicants can find complete information on the English proficiency exams and other required documents on the Division of Graduate Education website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>). An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Admission to the graduate degree program presupposes an adequate technical preparation in a selected technology at the undergraduate level. The applicant's past work and professional experience are also evaluated and taken into consideration. Industrial experience beyond completion of a bachelor's is strongly recommended.

Undergraduate course work of admitted applicants to this program generally include calculus, technical writing and statistics. Students without a statistics course at the undergraduate level will be assigned a statistics deficiency course. This course will be 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. Deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Ira A. Fulton Schools of Engineering.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<http://poly.engineering.asu.edu/tem/management-of-technology/>
WANER 201
polygrad@asu.edu
480-727-1874

Technology (Manufacturing Engineering Technology), MSTech (TSMFMSTECH)

Online Degree Search Title: Technology (Manufacturing Engineering Technology) (MSTech)

Campus: Polytechnic

Program Description:

Manufacturing is in a period of dramatic transformation. Future manufacturing will involve a global supply network to enable innovation, design, and integration of products and services. At its core, manufacturing engineering is about creating and delivering products and services that have value to customers and society.

The MSTech with a concentration in manufacturing engineering technology provides students with graduate level expertise in the technologies and processes integral to this transformation. The program is flexible and permits students to develop a plan of study, with faculty approval, to meet their individual career goals. Students can select a technical focus in manufacturing processes, management or automation. The degree concentration is designed to provide graduates with technical and professional skills that will facilitate preparation for, and advancement in, leadership positions in industry, education, government and military. Laboratories and classrooms are well equipped, and the faculty members teaching the classes have relevant teaching, research, industry, and training experience and background.

Entry into the program requires that the student have a sound technical undergraduate degree, but not necessarily in manufacturing engineering.

Research Activity

The program provides students with an opportunity to conduct research either as a master's thesis or as an applied project. Program faculty are engaged in theoretical and applied research projects, involving undergraduate and graduate students in manufacturing related projects. Graduate students employed in local industry are encouraged to develop research topics that address problems of interest to their employers. Current research interests of the faculty include:

- machinability and manufacturing processes
- manufacturing
- manufacturing cost economics
- modeling and simulation

Theses and applied projects are supported by a number of well-equipped laboratories and facilities:

- automation laboratory
- composite materials laboratory
- computer numerical control machining center laboratory
- computer-aided design and computer-aided manufacturing laboratory
- energy conversion and combustion laboratory
- welding and casting laboratory

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (MET 593).

All course work applied toward the minimum 33-credit-hour total must be at the 400 level or higher with a grade of "B" (3.00) or higher. A maximum of six credit hours of 400-level course work may be included in the student's plan of study. An oral defense of the written applied or research project (thesis) is required as the final examination in either option. This defense is typically done during the last semester of study. All course work outside the Engineering Programs must be preapproved and on the plan of study.

Thesis Option

In the thesis option, a minimum of 27 credit hours must be 500-level courses, allowing students to take up to six credit hours of 400-level course work to broaden their technical knowledge within the technical concentration or a supporting area. The course work may be a combination of manufacturing, mechanical or aeronautical engineering technology courses, or a limited number from outside the department. Students are required to complete six credit hours of MET 599 Thesis, write a thesis and present an oral defense.

Thesis Option

technical concentration area (18)

supporting area (6)

research methods courses:

EST 500 Research Writing (2)

EST 591 Research Seminar (1)

MET 599 Thesis (6)

Applied Project Option

In the applied project option, a minimum of 27 credit hours must be 500-level courses, allowing students to take up to six credit hours of 400-level course work to broaden their technical knowledge within the technical concentration or a supporting area. The course work may be a combination of manufacturing, mechanical or aeronautical engineering technology courses or a limited number from outside the department. The applied project requires a supporting report; the project and report are defended in a final oral examination.

Applied Project Option

technical concentration area (18)

supporting area (9)

research methods courses:

EST 500 Research Writing (2)

EST 591 Research Seminar (1)

MET 593 Applied Project (3)

Admission Requirements:

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for applicants whose native language is not English
- official GRE general exam scores
- statement of purpose
- current resume
- optional) three letters of recommendation

Note: A bachelor's degree that includes a minimum of 30 credit hours or equivalent in a technology area including course work applicable to the concentration being sought, and a minimum of 16 credit hours of mathematics and science is required.

International applicants can find complete information on the English proficiency exams and other required documents on the Division of Graduate Education website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Undergraduate deficiency courses must be completed within the first year of the graduate program while concurrently enrolled in graduate-level course work.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<http://poly.engineering.asu.edu>
WANER 201
polygrad@asu.edu
480-727-1874

Future of Innovation in Society, School for the

Applied Ethics and the Professions (Biomedical and Health Ethics), MA (LAAEPMEMA)

Online Degree Search Title: Applied Ethics (Biomedical and Health Ethics), MA

Campus: Tempe

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 is to integrate academic and clinical dimensions of moral issues in medical practice and biomedical research. Students from a broad range of backgrounds will be exposed to the internal and external logics of medicine, health care and biotechnology and will gain substantive understanding of ethical, cultural and societal issues in a variety of domains. Through course work and other experiences, students will 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).

All students are required to complete graduate course work distributed as follows:

- required core course (3)
- required concentration course (3)
- elective concentration courses (18)
- required culminating experience (6)

The required core course for students across all concentrations in the MA applied ethics and the professions program is AEP 501 Practical and Professional Ethics (3), which provides students with the theoretical and historical bases to pursue specialized applied ethics education.

The required concentration course introduces the students into basic concepts and practices of their field. In biomedical and health ethics, the required concentration course is BIO 516, which focuses on practices and products of bioethics.

Required Core Course:

AEP 501 Practical and Professional Ethics (3)

Required Concentration Course:
BIO 516 Foundations of Bioethics (3)

Electives for this Concentration: (18)*

Required Culminating Experience:
AEP 593 Applied Project (6)

*Students must request approval from the chairperson of the degree program prior to selecting elective course work.

Admission Requirements:

General admission requirements are as follows:

- all documentation submitted via the online graduate admission application
- B" (3.00) undergraduate GPA (on a 4.00 scale)
- Test of English as a Foreign Language (TOEFL) score or comparable proof of English proficiency for applicants whose native language is not English (regardless of current residency)
- personal statement of interest and qualification
- resume
- two letters of recommendation

Note: No GRE is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School for the Future of Innovation in Society.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu/AEP-BHE-welcome>
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

Program Description:

The science, technology and ethics concentration of the MA degree 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).

Course work is distributed as follows:

Required core course:
AEP 501 Practical and Professional Ethics (3)

Required course in concentration:
HSD 598 Science, Technology and Ethics (3)

Electives from concentration courses (18)

Required culminating experience:

AEP 593 Applied Project (6)

Admission Requirements:

General admission requirements are as follows:

- an online graduate admission application
- 3.00 or higher undergraduate GPA (on a 4.00 scale)
- resume
- personal statement of interest and qualification
- two letters of recommendation
- the Test of English as a Foreign Language (TOEFL) score or comparable proof of English proficiency (non-native English speakers)*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School for the Future of Innovation in Society.

No GRE is required.

Contact Information:

Future of Innovation in Society, School for the

School for the Future of Innovation in Society

<https://sfis.asu.edu/AEP-STE-welcome>

INTDSB 256

sfisgrad@asu.edu

480-727-9498

Global Development and Innovation (Certificate), Certificate (FIGDIGRCT)

Online Degree Search Title: Global Development and Innovation (Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in global development and innovation responds to the knowledge and skills gap that development practitioners often struggle with, and it also connects with innovations that policymakers seek for more sustainable and resilient futures. It provides current and critical perspectives on innovation and development for overseeing and managing complex global challenges, while fostering cultural sensitivities and dispositions. The program graduates will contribute to improving development policy and practices through analysis, integration and incorporation of emerging insights and best practices, making them available to policymakers, practitioners and tech-innovators.

Degree Requirements:

Required Core Courses: (6 credit hours)

GTD 501 Global Technology and Development (3)

GTD 511 Development Policy and Practices (3)

Restricted Electives: (9 credit hours)

Students select nine credit hours from a restricted elective list. This list can change and increase over time as needed with unit director approval. Students may select a maximum of three (1-credit courses) towards fulfillment of the 9 total credits.

Total required credit hours: 15

Admission Requirements:

Degree: Applicants must 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 international institution that is officially recognized by that country.

GPA: Applicants must have maintained a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work.

International Students: International students who need an F1 or J1 visa will 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 Division of Graduate Education policies and procedures regarding admission be considered for admission to this certificate program.

English Proficiency: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Acceptable proof is as follows (or the most current requirements at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)):

- Test of English as a Foreign Language score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5 with no band below 6.0.
- Pearson Test of English score of at least 60

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the School for the Future of Innovation in Society.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDSB 256
sfisgrad@asu.edu
480-727-9498

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 social, economic and political development that highlights the variable of technology and innovation in these development processes and analyzes change within the context of the current era of globalization. One of the central concerns addressed in the program is the global disparity in wealth and access to resources and basic needs, both between and within countries. Students are encouraged to pursue unique research questions in the developed or the developing worlds which engage them in social science research on issues related to technology and human socioeconomic and political development. Students take theoretical, research, policy and regional studies courses to prepare for the master's degree culminating experience requirement of an applied project.

Degree Requirements: 30 credit hours including the required applied project course (GTD 593).

core credit hours (12)

restricted elective credit hours (15)

culminating experience: GTD 593 Applied Project (3)

Admission Requirements:

All applicants must complete the graduate admission online application. A bachelor's degree from a regionally accredited college or university recognized by ASU is required, 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).

Also required is a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of the program.

A Test of English as a Foreign Language (TOEFL) score is required from any applicant whose native language is not English (regardless of current residency). Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School for the Future of Innovation in Society.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-science-global-technology-development?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society

<https://sfis.asu.edu/GTD-welcome>

INTDSB 256

sfisgrad@asu.edu

480-727-9498

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:

This program prepares students to teach and conduct research, using humanistic and social science methods, on the conceptual, historical, social and policy foundations of science and technology as well as their interactions with society.

The doctoral program in human and social dimensions of science and technology responds to growing demand for transdisciplinary research in the humanities and social sciences that can provide insights into the dynamic relationship between science, technology and society. Solutions to the problems of applying science and technology to human well-being can only be found by fully integrating research from across many social science and humanities disciplines.

The program is flexible, combining a strong, integrated, first-year experience with substantial freedom for students, in conjunction with their advisors, to design carefully crafted plans of study relevant to their own areas of specialization and expertise. Unique among programs of this kind nationally, students will 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.

This is a research degree, culminating in a dissertation, which must draw on multiple disciplinary perspectives.

Students may apply up to 30 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 Division of Graduate Education 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 submit an online graduate admission application.

Preference is given to students with demonstrated interest and competence in relevant areas of intellectual work. All students must hold an

undergraduate degree from a regionally accredited institution or university of recognized standing at the time of admission and have a minimum GPA of 3.00 on a 4.00 scale for the last 60 semester hours of undergraduate work.

Please see the program website for application deadlines.

To apply to the program, applicants are required to submit:

- an online ASU graduate admission application
- official transcripts of all undergraduate and graduate course work
- the HSD academic record form
- a curriculum vitae or resume
- a statement of proposed research program that clearly identifies why the student feels ASU is the appropriate place to pursue their doctorate and identifies one or more faculty members whose interests or work are relevant to the student's proposed research
- a writing sample
- general GRE scores
- three academic letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English must provide proof of English proficiency (regardless of current residency) with one of the following:

- IELTS overall band score of at least 6.5 with no band below 6.0
- Pearson Test of English (PTE) score of at least 60
- Test of English as a Foreign Language (TOEFL) score of 600 paper-based or 100 Internet-based

Regular admission may be granted to applicants who meet the Division of Graduate Education admission requirements.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School for the Future of Innovation in Society.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu/hsd-welcome>
INTDSB 256
sfisgrad@asu.edu
480-727-9498

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; 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 graduate students pursuing their Arizona State University degree program.

Degree Requirements: 15 credit hours including the required capstone course HSD 580.

This program requires 15 credit hours:

Core: (3)

HSD 540 Responsible Innovation and Research (3)

Electives (9)

Culminating Experience: (3)

Admission Requirements:

Degree: Applicants must 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 international institution that is officially recognized by that country.

GPA: Applicants must have maintained a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work.

International Students: International students who need an F1 or J1 visa will 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 Division of Graduate Education policies and procedures regarding admission be considered for admission to this certificate program.

English Proficiency: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Acceptable proof is as follows (or the most current requirements at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)):

- Test of English as a Foreign Language score of at least 550 (PBT) or 80 (iBT)
- IELTS overall band score of at least 6.5 with no band below 6.0.
- Pearson Test of English score of at least 60

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the School for the Future of Innovation in Society.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society

<https://sfis.asu.edu/RISES-welcome>

INTDSB 256

sfisgrad@asu.edu

480-727-9498

Science and Technology Policy, MSTP (LAHSDPSM)

Online Degree Search Title: Science and Technology Policy, MSTP

Campus: Tempe

Program Description:

The ASU MSTP provides professional education for students seeking advanced public, nonprofit or private sector careers in science and technology policy and related fields in the United States and abroad. Students will learn essential skills, knowledge and methods for analyzing innovation, expertise, and large-scale technological systems. Particular emphasis is placed on the political and societal contexts of science and technology and their impacts on society. The program features a one year, cohort-based program designed to attract students of the highest caliber in their early- to mid-careers.

Students will acquire the following knowledge and skills:

- analysis of knowledge systems sustaining policy decisions
- analysis of scientific and technological innovation systems
- analysis of the social and policy dimensions and implications of large-scale technological systems
- skills in collaborative, team-based analysis of science and technology policy problems
- skills in effective professional communication
- understanding of the theoretical foundations of the interactions between science and technology and the society from which they emerge
- understanding of U.S. and, where appropriate to a student's career interests, international science and technology policies and the processes that generate them

Degree Requirements: 30 credit hours including the required applied project course (HSD 593).

Required core courses:

HSD 501 Science and Technology Policy (3)

HSD 502 Advanced Science and Technology Policy (3)

Restricted electives from a list provided by the program chair (6)

Applied policy analysis courses:

HSD 505 Science and Technology Policy Workshop in Washington, DC (3)

HSD 593 Applied Project in Science and Technology Policy (3)

Internship:

HSD 584 Internship in Science and Technology Policy (3)

Electives (9)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

African and African American Studies, BA

Justice Studies, BA

Justice Studies, BS

Women and Gender Studies, BA

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Please see the program website for application deadlines.

- Applicants must submit an online graduate admission application.
- Students are required to hold a minimum of 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.
- Students must hold a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program.
- The GRE is required for admission.
- Three letters of recommendation are required.
- A resume is required.
- A personal statement is required.
- Proof of proficiency in the English language is required for an applicant whose native language is not English (regardless of current residency).

Applicants must fulfill the requirements of both the Division of Graduate Education and the School for the Future of Innovation in Society.

Contact Information:

Future of Innovation in Society, School for the

School for the Future of Innovation in Society

<https://sfis.asu.edu/mstp-welcome>

INTDSB 256

sfisgrad@asu.edu

480-727-9498

Global Management, Thunderbird School of

Global Affairs (Certificate), Certificate (TBGAFGRCT)

Online Degree Search Title: Global Affairs (Graduate Certificate)

Campus: Thunderbird

Program Description:

The graduate certificate 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.

Degree Requirements: 15 credit hours including the required capstone course (TGM 598).

Required Core Courses: (12 credit hours)

SGS 501 Global Theory (3)

SGS 502 Global Institutions and Actors (3)

SGS 503 Global Decision Making Under Uncertainty (3)

POS 591 Global Political Economy (3)

Culminating Experience: (3 credit hours)

Global Strategy (Capstone Course)

Total required credit hours: 15

Admission Requirements:

Applicants must complete the online graduate admission application for admission to the program and submit the following:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation

Degree: minimum of a bachelor's degree from a regionally accredited college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00="A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00="A") in the applicable master's degree

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<http://www.thunderbird.edu/>

Herberger Administration Building, 1 Global Place

admissions.tbird@asu.edu

602-978-7100

Global Affairs and Management, MA (TBGAMMA)

Online Degree Search Title: Global Affairs and Management (MA)

Campus: Thunderbird

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 to address complex issues in diplomacy, business and society, and to bring an increased focus on social responsibility to their corporate employers.

Degree Requirements: 45 credit hours including the required capstone course (TGM 548).

required core courses: (30 credit hours)

SGS 501 Global Theory (3)

SGS 502 Global Institutions and Actors (3)

SGS 503 Methods: Global Decision Making Under Uncertainty (3)
SGS 504 The Individual as Decision Maker in Cross-Cultural Global Contexts (3)
TGM 501 Global Accounting (3)
TGM 502 Financial Management for global Value Chain (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 506 Communicating and Negotiating Across Cultures (3)

elective or research courses: (12 credit hours; choose from below)*

NLM 562 Social Entrepreneurship (3)
NLM 570 International Nongovernmental Organizations (3)
NLM 572 Community and Social Innovations (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)
SGS 505 Preparation for the Global Field Project (3)
TGM 507 Global Organizational Consulting: Basics (3)
TGM 596 Thunderbird Experiential Practicum (1-6)

*Other elective course work is available with approval from the academic unit.

culminating experience: (3 credit hours)

TGM 548 Global Strategy (Capstone Course)

language requirement: (0 credit hours)

Non-native speakers of English who meet the Test of English as a Foreign Language (TOEFL), IELTS, or Pearson Test of English admission requirements for either program or complete the Business English Communications II (GBL 11) course satisfy the language graduation requirement.

Native speakers of English, U.S. permanent residents, dual citizens, or citizens of native English-speaking countries claiming fluency in a second language are required to take the oral proficiency interview or complete regularly scheduled language course work to satisfy the language requirement.

Admission Requirements:

Applicants must complete the online graduate admission application for admission to the program and submit the following:

- GMAT or GRE test scores
- official transcripts of all course work completed at institutions other than ASU
- one letter of recommendation

Degree: A minimum of a bachelor's degree from a regionally accredited college or university is required. The program is open to candidates from any undergraduate major.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: GRE or GMAT

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<http://www.thunderbird.edu/>
Herberger Administration Building, 1 Global Place
admissions.tbird@asu.edu

Global Development (Certificate), Certificate (TBGDVGRCT)

Online Degree Search Title: Global Development (Graduate Certificate)

Campus: Thunderbird, Online

Program Description:

The graduate certificate in global development is designed to provide an in-depth study of the global political economy, social entrepreneurship, community and social engagement, international nongovernmental organizations and global strategy in order to provide skills to make a difference in global society.

Degree Requirements: 15 credit hours including the required capstone course (TGM 510).

15 credit hours including the required capstone course (TGM 510)

Core Courses (12)

TGM 505 States and Markets in the Global Economy (3)

NLM 562 Social Entrepreneurship (3)

NLM 572 Community and Social Innovations (3)

NLM 570 International Nongovernmental Organizations (3)

Capstone Culminating Experience (3)

TGM 510 Strategies in Global Development (3)

Admission Requirements:

Applicants must complete the online graduate admission application for admission to the program and submit the following:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation

Degree: minimum of a bachelor's degree from a regionally accredited college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

English Proficiency Requirement for International Applicants: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<http://www.thunderbird.edu/>

Herberger Administration Building, 1 Global Place

admissions.tbird@asu.edu

602-978-7100

Global Finance (Certificate), Certificate (TBGFINGRCT)

Online Degree Search Title: Global Finance (Grad Certificate)

Campus: Thunderbird

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 non-governmental 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 Reporting Standards rather than 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. They 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 certificate program may be completed in one semester, excluding any required prerequisite course(s).

Degree Requirements: 15 credit hours.

Core (9)

TGM 519 Global Financial Engineering (3)

TGM 523 Global Investments (3)

TGM 529 Multinational Corporate Finance (FORAD) (3)

Electives (6)*

*Students choose two courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- minimum of a bachelor's degree from a regionally accredited university degree program - this program is open to candidates from any undergraduate major
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable Master's degree program
- must have taken TGM 521 Managing for Global Value Creation (2) and TGM 522 Global Financial Decisions (2), or TGM 502 Financial Management for Global Value Creation (3), or three credit hour, 500-level graduate course with a minimum grade of "B" or its equivalent*

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency**

*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 (AACSB), European Quality Improvement System (EQUIS) or Association of MBAs (AMBA), or from other institutions with approval of the academic unit.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
www.thunderbird.edu
HBGR 6
Admissions.tbird@asu.edu
602-978-7000

Global Management, MGM (TBTGMMGM)

Online Degree Search Title: Global Management (MGM)

Campus: Thunderbird, Online

Program Description:

The MGM is an in-depth, global business education professional degree program that combines general management course work, cross-cultural insight, regional studies and foreign language components to educate global business leaders. With its innovative program philosophy, the master's degree program provides a strategically choreographed progression through every facet of international management, with hands-on, experiential learning opportunities and practical, applicable nuances of global business.

The master's degree offered at the Thunderbird campus is designed for individuals who want to immerse themselves in full-time graduate studies and take classes in person.

The online option is designed for professionals seeking to continue working while attending school. Courses are delivered primarily online with three separate one-week, in-person seminars: one hosted at Thunderbird campus and two hosted abroad.

Degree Requirements: 40 credit hours including the required capstone course (TGM 597) and a foreign language exam.

Required Core (38 credit hours)

TGM 596 Thunderbird Experiential Practicum (4)

TGM 505 States and Markets in the Global Economy (2)

TGM 540 Managing People from a Global Perspective (2)

TGM 511 Global Financial Accounting (2)

TGM 541 Competitive Strategy from a Global Environment (2)

TGM 551 Global Marketing Strategy (2)

TGM 521 Managing for Global Value Creation (2)

TGM 579 Communicating in a Global Context (2)

TGM 508 Regional Business Environment I: Emerging Markets (2)

TGM 512 Managerial Accounting and Decision Making In A Global Environment (2)

TGM 531 Multinational Value Chain (2)

TGM 581 Negotiating in a Global Context (2)

TGM 530 Big Data in the Age of the Global Economy (2)

TGM 552 Global Marketing Management (2)

TGM 522 Global Financial Decisions (2)

TGM 532 Leading Global Projects (2)

TGM 509 Regional Business Environment II: Developed Economies (2)

TGM 548 Global Strategy (2)

Culminating Experience (2 credit hours)

TGM 549 Global Leadership (2)

Admission Requirements:

Applicants must complete the online graduate admission application to the program and submit the following:

- official transcripts of all course work completed at institutions other than ASU
- resume

- two letters of recommendation

Degree: A minimum of a bachelor's degree from a regionally accredited college or university is required. The program is open to candidates from any undergraduate major.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required; a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement for International Applicants: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: GRE or GMAT may be required after a complete review of the student's application material (including resume, academic transcripts, and two letters of recommendation).

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-global-management-global-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<http://www.thunderbird.edu/>
Herberger Administration Building, 1 Global Place
admissions.tbird@asu.edu
602-978-7100

Global Management, MGM (TBTGMXMG)

Online Degree Search Title: Global Management - Executive - (MGM)

Campus: Thunderbird

Program Description:

The MGM executive program combines general management course work, cross-cultural insight, regional studies and foreign language components to educate global business leaders. With the busy schedules of working professionals in mind, the program is designed to be completed as a lock-step program in 16 months. The executive master's degree program is a unique learning experience through collaboration with executive-level classmates and experienced global faculty. With its innovative program philosophy, the executive program provides a strategically choreographed progression thorough every facet of international management, with hands-on, experiential learning opportunities and practical, applicable nuances of global business. Upon completing the program, students will receive the Master of Global Management degree.

Degree Requirements: 40 credit hours including the required capstone course (TGM 597).

Required Core (38 credit hours)

TGM 596 Thunderbird Experiential Practicum (4)

TGM 505 States and Markets in the Global Economy (2)

TGM 540 Managing People from a Global Perspective (2)

TGM 511 Global Financial Accounting (2)

TGM 541 Competitive Strategy in a Global Environment (2)

TGM 551 Global Marketing Strategy (2)

TGM 521 Managing for Global Value Creation (2)

TGM 579 Communicating in a Global Context (2)

TGM 508 Regional Business Environment I: Emerging Markets (2)

TGM 512 Managerial Accounting and Decision Making in a Global Environment (2)

TGM 531 Multinational Value Chain (2)

TGM 581 Negotiating in a Global Context (2)

TGM 530 Big Data in the Age of the Global Economy (2)

TGM 552 Global Marketing Management (2)

TGM 522 Global Financial Decisions (2)

TGM 532 Leading Global Projects (2)

TGM 509 Regional Business Environment II: Developed Economies (2)

TGM 548 Global Strategy (2)

Culminating Experience (2 credit hours)

TGM 549 Global Leadership (2)

Admission Requirements:

Applicants must complete the online graduate admission application and submit the following:

- official transcripts of all course work completed at institutions other than ASU
- resume
- one letter of recommendation

Degree: A minimum of a bachelor's degree from a regionally accredited college or university is required. The program is open to candidates from any undergraduate major.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: GRE or GMAT may be required after a complete review of the student's application material (including resume, academic transcripts, and letter of recommendation).

Letter of Recommendation: A letter of recommendation is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
<http://www.thunderbird.edu/>
Herberger Administration Building, 1 Global Place
admissions.tbird@asu.edu
602-978-7100

Global Management (Certificate), Certificate (TBTGMGRCT)

Online Degree Search Title: Global Management (Graduate Certificate)

Campus: Thunderbird

Program Description:

The graduate certificate in global management is designed to provide an in-depth study of the global political economy, leadership, strategy,

negotiations and cross-cultural communications in order provide skills to succeed in today's increasingly global business environment.

Degree Requirements: 15 credit hours including the required capstone course (TGM 598).

Required Core Courses: (12 credit hours)

Global Political Economy (3)

Global Leadership and Change (3)

Cross Cultural Communications (3)

Global Negotiations (3)

Culminating Experience: (3 credit hours)

Global Strategy (Capstone Course)

Admission Requirements:

Applicants must complete the online graduate admission application to the program and submit the following:

- official transcripts of all course work completed at institutions other than ASU
- GMAT or GRE test scores
- one letter of recommendation

Degree: minimum of a bachelor's degree from a regionally accredited college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<http://www.thunderbird.edu/>

Herberger Administration Building, 1 Global Place

admissions.tbird@asu.edu

602-978-7100

Global Marketing (Certificate), Certificate (TBGMKTGRCT)

Online Degree Search Title: Global Marketing (Grad Certificate)

Campus: Thunderbird

Program Description:

The graduate certificate in global marketing provides specialized content knowledge in brand management, marketing research and customer decisions for business, governmental, and non-governmental entities that operate on a global scale. The certificate program can be completed in one semester, excluding any required prerequisite course(s).

Degree Requirements: 15 credit hours.

Core (9)

TGM 553 Global Customer Decision Making (3)

TGM 554 Global Marketing Research (3)

TGM 559 Global Brand Management (3)

Electives (6)*

*Students choose two courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree from a regionally accredited university degree program - this program is open to candidates from any undergraduate major
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable Master's degree program
- must have taken TGM 551 Global Marketing Strategy (2) and TGM 552 Global Marketing Management (2), or TGM 503 Global Marketing (3), or three credit hour, 500-level graduate course with a minimum grade of "B" or its equivalent*

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency**

*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 (AACSB), European Quality Improvement System (EQUIS) or Association of MBAs (AMBA), or other institutions with approval from the academic unit.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
www.thunderbird.edu
HBGR 6
Admissions.tbird@asu.edu
602-978-7000

Global Trade and Commerce (Certificate), Certificate (TBGTCMGRCT)

Online Degree Search Title: Global Trade and Commerce (Grad Certificate)

Campus: Thunderbird

Program Description:

The coursework for the graduate certificate in global trade and commerce is tightly integrated and offers a comprehensive coverage of core topics in cross-border commerce and trade. The intended audiences for the certificate include working professionals who are graduates of graduate-level business programs who wish to supplement their degrees with focused, graduate-level courses in global logistics and trade, and they are either relatively new to these fields and desire a foundational knowledge of commerce and trade complexities as well as a strong understanding of how companies leverage their global value chains to achieve competitive advantage, or they are experienced commerce and trade 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.

Core (9)

SCM 520 Strategic Procurement (3)

SCM 541 Logistics in the Supply Chain (3)

TGM 537 Global Finance, Trade, and Regional Economic Agreements (3)

Electives (6)*

*Students choose two courses from a restricted list. Additional courses may be utilized with approval from the academic unit.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree from a regionally accredited university degree program - this program is open to candidates from any undergraduate major
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable Master's degree program
- must have taken TGM 505 States and Markets in a Global Economy (2-3) with a minimum grade of "B" or its equivalent*

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency**

*TGM 505 or 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 (AACSB), European Quality Improvement System (EQUIS) or Association of MBAs (AMBA), or other institutions with approval from the academic unit.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Thunderbird School of Global Management.

Contact Information:

Global Management, Thunderbird School of
Thunderbird School of Global Management
www.thunderbird.edu
HBGR 6
Admissions.tbird@asu.edu
602-978-7000

Health Solutions, College of

Audiology, AuD (LAAUDAUD)

Online Degree Search Title: Audiology (AuD)

Campus: Tempe

Program Description:

The AuD program is a full-time, 45-month residential program that prepares audiologists for autonomous clinical practice. It includes three years of course work and the equivalent of one year of clinical internship. The clinical doctorate model at Arizona State University stresses the integration of academic classroom learning and practical experience across a broad spectrum of clinical specialties and practice environments.

Degree Requirements: 95 credit hours and a written comprehensive exam.

The program is designed for full-time students over a period of 45 months, including four fall and four spring semesters and three summers. The four-year course of study includes academic and clinical practicum components and requires a minimum of 95 credit hours, of which 63 are required academic credits provided through the Department of Speech and Hearing Science and 32 are required clinical credits.

Eligibility for graduation is based upon the following:

- achieving a passing score on the American Speech-Language-Hearing Association Praxis national certification examination in audiology
- successful completion of 63 credit hours of required academic course work
- successful completion of 32 credit hours of clinical experiences

Admission Requirements:

All applicants must submit an online graduate admission application and have a cumulative GPA of 3.00 or higher. Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of the Division of Graduate Education and those of the College of Health Solutions.

An applicant to the doctoral program must hold a bachelor's degree in speech and hearing science or another related discipline. Applicants with undergraduate degrees in related fields such as nursing, education, any of the biological sciences, etc., 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 submit:

- an online graduate admission application
- a 200-word statement of intent containing evidence of proficiency in written communication
- GRE scores
- official transcripts
- three letters of recommendation

Please see the program website for application deadlines and admission terms.

Contact Information:

Health Solutions, College of
Department of Speech and Hearing Science
<https://chs.asu.edu/shs>
COOR 2206
shsgrad@asu.edu
480-965-2374

Behavioral Health, DBH (LSBEVHEDBH)

Online Degree Search Title: Behavioral Health (DBH)

Campus: Online

Program Description:

The DBH is an innovative and interdisciplinary applied doctorate designed to upgrade master's degree-level professionals to become experts in the emerging field of integrated behavioral care. Integrated care is the holistic treatment of both medical and behavioral conditions that are so common in primary care and other medical settings but often undetected and untreated. 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 and decrease health care costs. The doctoral curriculum is explicitly focused on graduating experts who can speak both the language of evidence-based clinical interventions as well as cost savings and return on investment analyses that will be 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 writing a business plan, marketing and return 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
- 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

- 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
- is a flexible, online degree program that enables students to select a program of study ranging from part-time to full-time attendance
- is available through ASU Online as a distance-learning program
- offers either a clinical track for licensed clinicians or a management track for health care managers and leaders
- 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 will 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).

Core course requirements (12)

Elective courses (33)

Internship and culminating experience (9)

Previously awarded master's degree or other courses approved by the supervisory committee (30)

Admission Requirements:

All applicants must submit an online graduate admission application.

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.

Applicants must have a minimum of a 3.00 GPA calculated on the last 60 credit hours of their first bachelor's degree.

All applicants whose native language is not English (regardless of current residency) must meet university and degree program English proficiency requirements.

Applicants must fulfill both the requirements of Graduate Education and the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/doctor-behavioral-health?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/dbh>

HLTHN 308

dbh@asu.edu

602-496-1354

Behavioral Health (Clinical), DBH (NHBVHCDBH)

Online Degree Search Title: Behavioral Health (Clinical), DBH

Campus: Online

Program Description:

The DBH with a clinical concentration is an innovative doctoral degree program that provides behavioral health, allied health and medical providers with specific training on integrated primary care. Its unique curriculum focuses on three primary areas: medical literacy to enhance collaboration with medical providers, evidence-based interventions for the primary medical setting, and entrepreneurship in order to comprehensively address the evolving needs of the health care system. Graduates of the clinical concentration are positioned to transform health care delivery through evidence-based treatment that promotes overall health and well-being.

Degree Requirements: 84 credit hours including the required Applied Project Course (IBC 793).

Core Courses: (12 credit hours)

IBC 712 Population Based Health Management (3)
IBC 714 Quality and Performance Measurement, Improvement, and Incentives (3)
IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Concentration: (15 credit hours)

IBC 604 Clinical Medical/Pathophysiology (3)
IBC 608 Psychopharmacology for the Behavioral Care Provider (3)
IBC 609 Clinical Neuropathophysiology (3)
IBC 691 or IBC 702 Brief Interventions in Primary Care (3)
IBC 701 Models of Integrated Primary Care (3)

Electives or Research (18 credit hours)

Other Requirements (six credit hours):

IBC 684 Internship (6)

Previously awarded master's degree from a regionally accredited university or other courses approved by the supervisory committee: (30 credit hours)

Culminating Experience:

IBC 793 Applied Project (3)

Admission Requirements:

There is no specific master's degree required for admission; however, applicants with the following degrees, among others, from a regionally accredited postsecondary institution in the U.S. or an equivalent degree from a recognized international postsecondary institution, are encouraged to apply:

- master's degree in counseling
- master's degree in family therapy
- master's degree in nursing
- master's degree in occupational health
- master's degree in social work

Students must be master's degree-level professionals who are either currently employed or aspire to be employed in a management role within health care. All applicants must submit:

- online graduate admission application
- 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)

*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
- master's degree-level licensed medical or ancillary health care provider (nurse, dietitian, occupational therapist)

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; a minimum of 3.00 cumulative GPA (on a 4.00 scale) in the applicable master's degree is required.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-clinical>)

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/dbh>
NHI 315
dbh@asu.edu
602-496-1354

Behavioral Health (Management), DBH (NHBVHMDBH)

Online Degree Search Title: Behavioral Health (Management), DBH

Campus: Online

Program Description:

The DBH, with a concentration in management, is an innovative doctoral degree program that provides current and aspiring health care managers with training that addresses integrated medical and behavioral health care. The unique curriculum focuses on health care policies and delivery systems, quality improvement strategies for achieving the Triple Aim (i.e., improve patient experience, improve population health outcomes, and reduce health care costs), and entrepreneurship skills needed to address the evolving needs of the health care system. Graduates of the management concentration who are trained to provide effective and accountable leadership are positioned to transform health care delivery through the development, implementation and evaluation of evidence-based programs that promote whole-patient health care.

Degree Requirements: 84 credit hours including the required Applied Project Course (IBC 793).

Core Courses (12 credit hours):

IBC 712 Population Based Health Management (3)
IBC 714 Quality and Performance Measurement, Improvement, and Incentives (3)
IBC 718 Healthcare Systems: Organization, Delivery and Economics (3)
IBC 720 Behavioral Health Entrepreneurship (3)

Concentration (18 credit hours):

IBC 660 Healthcare Legal, Ethical, and Professional Issues (3)
IBC 691 Seminar or IBC 716 Topic: Healthcare Information Management (3)
IBC 691 Seminar or IBC 730 Topic: Financial Management in Healthcare (3)
IBC 691 Seminar or IBC 740 Topic: Cost Offset and ROI for Behavioral Intervention (3)
IBC 701 Models of Integrated Primary Care (3)
IBC 724 Behavioral Healthcare Management (3)

Electives or Research (18 credit hours)

Other Requirements:

IBC 684 Internship (3)

Previously awarded master's degree from a regionally accredited university or other courses approved by the supervisory committee (30)

Culminating experience:

IBC 793 Applied Project (3)

Admission Requirements:

There is no specific master's degree required for admission; however, applicants with the following degrees, among others, from a regionally accredited postsecondary institution in the U.S., or an equivalent degree from a recognized international postsecondary institution, are encouraged to apply:

- master's degree in business administration
- master's degree in public health

- master's degree in counseling
- master's degree in health care administration
- master's degree in social work

Students must be master's-level professionals who are either currently employed or aspire to be employed in a management role within health care. All applicants must submit:

- online graduate admission application
- personal statement
- professional writing sample (e.g., paper from master's degree, grant application) run through originality software
- one professional letter of recommendation
- updated curriculum vitae or resume
- program policies acknowledgements
- video or webcam admissions interview (if indicated)

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/online-degree-programs/graduate/doctor-behavioral-health-management>)

Contact Information:

Health Solutions, College of
 College of Health Solutions
<https://chs.asu.edu/dbh>
 NHI 315
 dbh@asu.edu
 602-496-1354

Biomedical Diagnostics, MS (NHBMDMS)

Online Degree Search Title: Biomedical Diagnostics (MS)

Campus: Online

Program Description:

The MS in biomedical diagnostics is a one-year program focusing on the technology, science, business and application of diagnostics. This online, 30-credit degree program is offered by the International School of Biomedical Diagnostics at ASU. The program was developed in partnership with Dublin City University and industry partners, and online technology is used to offer courses from both institutions. The culminating experience for this degree is an applied project that will include industry partnerships. The program is designed to give a broad perspective of the field with a focus on applied research and best practices in four central areas related to the diagnostics field: technology, science, business and application of diagnostics.

Degree Requirements: 30 credit hours including an applied project (BMD 593).

core course credit hours (13)

- BMD 501 Introduction to Biomedical Informatics (3)
- BMD 510/BDI 503 Current Perspectives in Biomedical Diagnostics (3)
- BMD 511 Health Economics, Polity and Payment Models (3)
- BE 513 Principles of Diagnostic Technology 2: Immunology (4)*

elective credit hours (12)*

one course from the list below: (3)

- BMD 617 Genetics and the Law (3)
- BMD 667 FDA Regulation (3)
- HCR 552 Medical Device Development and Regulation (3)

HCR 563 Fundamentals of Regulatory Affairs (3)

three courses from the list below: (9)

BMD 502 Foundations of Biomedical Informatics Methods I (3)

BMI or BMD 507 Introduction to Digital Image Processing and Analysis (3)

BMI 515 Applied Biostatistics in Medicine and Informatics (3)

BMI or BMD 550 Translational Bioinformatics (3)

BME 598 Biomedical Device Design (3)

research: (2)

culminating experience: BMD 593 Applied Project (3)

overall required credit hours (30)

*Please note that students will take one or more courses through Dublin City University and will request to transfer that course work into ASU as part of the degree program.

Admission Requirements:

Degree: A minimum of a bachelor's degree or master's degree is required 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 and medical studies.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement for International Applicants: The English proficiency requirements are the same as the Division of Graduate Education requirement (see the Division of Graduate Education requirement <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>)). An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: none required

Letters of Recommendation: yes

Applicants must fulfill the requirements of both the Division of Graduate Education and those of the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomedical-diagnostics?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Health Solutions, College of

Biomedical Informatics Program

<https://chs.asu.edu/isbd>

Johnson Research Bldg, Mayo Clinic Room 210

isbd@asu.edu

480-884-0220

Biomedical Informatics, MS (ESBIOINFMS)

Online Degree Search Title: Biomedical Informatics (MS)

Campus: Tempe

Program Description:

The Department of Biomedical Informatics is in the College of Health Solutions at Arizona State University. Professionals in the field use biomedical data, information and knowledge to improve human health. Students learn problem-solving, theory and methodologies underlying the field of biomedical informatics. Students will 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.

BMI fosters collaborations among academic researchers, clinical practitioners and regional health care providers to apply new developments in informatics theory to clinical practice. Biomedical informatics has a key role to play in the transformation to more effective and efficient health care

through the use of knowledge and information technology

The program will educate students in the informatics knowledge and skills that will enable them to:

- detect disease early
- improve the patient hospital experience
- improve the precision of diagnosis
- improve the quality and reduce the cost of patient health care
- minimize hospital visits

Degree Requirements: 32 credit hours including an applied project (BMI 593).

Due to the diverse academic backgrounds of students requesting admission into this program, many will find it necessary to take some course work in preparation. However, all students will take 32 credit hours of graduate-level course work, including 17 hours of mandatory course work as outlined below:

BMI 501 Introduction to Biomedical Informatics (3)
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 540 Problem Solving in Biomedical Informatics (3)
BMI 570 Symposium (2)
electives (12)*
culminating event: three credit hours of BMI 593 Applied Project

*Six of the 12 hours must be BMI courses.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Biomedical Informatics, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students interested in applying to this program must submit an online graduate admission application.

Applicants should have earned a bachelor's degree in biology, computer science, engineering, nursing or statistics. Applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds will also 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 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.

Applicants whose native language is not English regardless of current residency must also submit Test of English as a Foreign Language scores.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the College of Health Solutions.

Contact Information:

Health Solutions, College of
Biomedical Informatics Program

<https://chs.asu.edu/bmi/>

Johnson Research Bldg., Mayo Clinic, Room 210

bmi@asu.edu

480-884-0235

Biomedical Informatics, PHD (ESBMIPHD)

Online Degree Search Title: Biomedical Informatics (PhD)

Campus: Tempe

Program Description:

The PhD in biomedical informatics allows students to develop expertise in areas such as bioinformatics, clinical informatics, population health management and imaging. BMI fosters collaborations among academic researchers, clinical practitioners, and regional health care providers to apply new developments in informatics theory to clinical practice.

Additional specialization course work in an area of focus and emphasis on independent research are intended to place these 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 bioinformatics and informatics related to imaging, clinical medicine and population health. Students may explore special foci on cross-cutting areas such as data science and knowledge representation.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Due to the diverse academic backgrounds of students requesting admission into this program, many will find it necessary to take some course work in preparation. However, all students will take 84 credit hours of approved graduate-level course work, including 22 credit hours of mandatory courses listed below:

- BMI 501 Introduction to Biomedical Informatics (3)
- 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 Advanced Biostatistical Methods (3)
- BMI 540 Problem Solving in Biomedical Informatics (3)
- BMI 560 Teaching in Biomedical Informatics (2)
- BMI 570 Symposium (2)

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant should have earned a bachelor's in biology, computer science, engineering or statistics, or be trained as a post-bachelor's health professional in medicine, nursing or pharmacy. Those who have earned degrees in other unrelated fields with appropriate academic backgrounds will also be considered. However, all applicants must have basic competencies in anatomy and physiology, college calculus, computer programming, general biology and statistics.

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 (verbal, quantitative and analytical required; the subject test is optional) or any other graduate-level entry examination
- scores for the Test of English as a Foreign Language for applicants whose native language is not English (regardless of current residency)

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the College of Health Solutions.

Contact Information:

Health Solutions, College of
Biomedical Informatics Program
<https://chs.asu.edu/bmi/>
Johnson Research Bldg., Mayo Clinic, Room 210
bmi@asu.edu
480-884-0220

Clinical Exercise Physiology, MS (NHCEPMS)

Online Degree Search Title: Clinical Exercise Physiology

Campus: Downtown Phoenix

Program Description:

This degree program is preparation for a career as a clinical exercise physiologist, who usually works in concert with medical professionals to guide exercise and rehabilitation programs for at-risk clients and clients with chronic diseases. The 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 and chronic disease populations. The ACSM registered clinical exercise physiologist certification is deemed "ACSM's most prestigious credential for clinical professionals with a master's degree who work with clients currently under the care of a physician for cardiovascular; pulmonary; metabolic; orthopedic or musculoskeletal; neuromuscular; and neoplastic immunological or hematological diseases." This degree will provide the knowledge, clinical experience and skills needed to prepare individuals for successful completion of the registration examination for the

RCEP certification.

Degree Requirements: 36 credit hours and a written comprehensive exam.

Required Courses: (24)

EXW 501 Research Statistics (3)

EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)

EXW 542 Health Promotion (3)

EXW 560 Cardiopulmonary Rehabilitation (3)

EXW 562 Functional Assessment and Exercise Prescription for Older Adults (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)

Elective Courses: (2)

EXW 591 Seminar (1 + 1) (2)

Research Courses: (4)

EXW 500 Research Methods (3)

EXW 592 Research (1)

Culminating Experiences:

Written comprehensive exam or

EXW 599 Thesis (6)*

Other Requirements: (6)**

EXW 584 Clinical Exercise Physiology Internship (6)

Total required credit hours: 36

*Thesis students must pass a written and oral comprehensive exam.

**Students who select the thesis option are not required to participate in the six credit hours of EXW 584 Clinical Exercise Physiology Internship.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Kinesiology, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

All applicants must complete an online graduate admission application.

Degree: minimum of a bachelor's degree or master's degree in exercise science, exercise physiology, kinesiology or a closely related field from a regionally accredited college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of the student's first bachelor's degree program

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Exam: No

Required Admission Examination: GRE

Letters of Recommendation: Yes

All qualified applicants will be admitted providing they have completed and met all requirements for admission. Admission will not be 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 will be prioritized based on GRE scores, GPA, letters of reference and letter of intent for admission to the program.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHN 420
healthpromotion@asu.edu
602-496-0862

Communication Disorders, MS (LACOMDISMS)

Online Degree Search Title: Communication Disorders (MS)

Campus: Tempe

Program Description:

The MS in communication disorders is a full-time program that prepares students to become certified speech-language pathologists. The master's degree program is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association.

Degree Requirements: 52 credit hours and a written comprehensive exam, or 52 credit hours, a thesis and a written comprehensive exam.

core (23)

electives (4 or 10)

research (1)*

clinical practicum (8)**

Internship (10)

culminating experience: a nonthesis option of a written comprehensive exam OR a thesis for 6 credit hours with oral defense and a written comprehensive exam***

*Students in the thesis option take four credit hours of electives. Students in the nonthesis option take 10 credit hours of electives.

**One credit hour of SHS 500 Research Methods is required.

***Both the thesis and nonthesis options require the American Speech-Language-Hearing Association Praxis national exam in Speech Language Pathology. This is the comprehensive exam for the thesis option. For the nonthesis option, a department-administered comprehensive examination in speech-language pathology is required along with the national exam to fulfill the requirements of the comprehensive exam.

Admission Requirements:

A bachelor's degree and prerequisite course work in speech and hearing is required for admission. Students applying for admission to this program should submit the following:

- online graduate admission application
- email addresses of three recommenders
- GRE scores
- statement of professional and academic goals not to exceed 300 words
- undergraduate transcripts
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please see the program website for application deadlines and admission terms. Candidates who have undergraduate deficiencies may need to take required prerequisite courses.

Applicants must fulfill the requirements of both the Division of Graduate Education and those of the College of Health Solutions.

Contact Information:

Health Solutions, College of
Department of Speech and Hearing Science
<https://chs.asu.edu/shs>

Exercise and Wellness, MS (EEXERMS)

Online Degree Search Title: Exercise and Wellness (MS)

Campus: Downtown Phoenix

Program Description:

This degree offers unique opportunities for those interested in becoming scholarly professionals and contributors to public health through the delivery of effective exercise and wellness programs to all segments of society. Professionals in education, counseling, commercial fitness and wellness, work site or corporate health promotion, and personal training or life coaching, who are interested in an advanced training in health promotion, exercise and physical activity promotion, fitness and conditioning or in exercise and chronic disease prevention should consider the program.

Degree Requirements: 36 credit hours and an applied project, or 36 credit hours and a thesis, or 36 credit hours and a written comprehensive exam.

All students must focus their plan of study in one of two areas: health promotion and physical activity or fitness and conditioning.

All students are admitted to the nonthesis option but may apply to the thesis option. For students who stay with the nonthesis option, an applied project or a written comprehensive exam is the culminating experience. For students who elect 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), 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.

The thesis option consists of:

Core Courses: (9 credit hours)

EXW 501 Research Statistics (3)

EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)

EXW 542 Health Promotion Theory (3)

Research Courses:(6 credit hours)

EXW 500 Research Methods (3)

EXW 591 Exercise and Wellness Seminar (1)

EXW 592 Research (2)

Elective Courses in Focus Area: (15 credit hours)*

EXW 534 Sports and Fitness Conditioning (3)

EXW 535 Advanced Exercise Assessment and Prescription (3)

EXW 538 Obesity, Exercise and Health (3)

EXW 590 Reading and Conference (1-12)

EXW 598 Health Program Evaluation (3)

EXW 598 Public Health and Physical Activity (3)

EXW 598 Special Topics (1-4)

EXW 598 Theory of Strength Training (3)

EXW 635 Physical Activity and Aging (3)

EXW 642 Exercise Epidemiology (3)

*Other elective courses may be used with approval of the academic unit.

Thesis: EXW 599 Thesis (6 credit hours)

The nonthesis options are 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.

The applied project option consists of:

Core Courses: (9 credit hours)

EXW 501 Research Statistics (3)

EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)

EXW 542 Health Promotion Theory (3)

Research Courses: (6 credit hours)

EXW 500 Research Methods (3)

EXW 591 Exercise and Wellness Seminar (1)

EXW 592 Research (2)

Elective Courses in Focus Area: (15 credit hours)*

EXW 534 Sports and Fitness Conditioning (3)

EXW 535 Advanced Exercise Assessment and Prescription (3)

EXW 538 Obesity, Exercise and Health (3)

EXW 590 Reading and Conference (1-12)

EXW 598 Health Program Evaluation (3)

EXW 598 Public Health and Physical Activity (3)

EXW 598 Special Topics (1-4)

EXW 598 Theory of Strength Training (3)

EXW 635 Physical Activity and Aging (3)

EXW 642 Exercise Epidemiology (3)

*Other elective courses may be used with approval of the academic unit.

Applied Project Course: EXW 593 Applied Project (6)

The written comprehensive exam option consists of:

Core Courses: (9 credit hours)

EXW 501 Research Statistics (3)

EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)

EXW 542 Health Promotion Theory (3)

Research Courses: (6 credit hours)

EXW 500 Research Methods (3)

EXW 591 Exercise and Wellness Seminar (1)

EXW 592 Research (2)

Elective Courses in Focus Area: (21 credit hours)*

EXW 534 Sports and Fitness Conditioning (3)

EXW 535 Advanced Exercise Assessment and Prescription (3)

EXW 538 Obesity, Exercise and Health (3)

EXW 590 Reading and Conference (1-12)

EXW 598 Health Program Evaluation (3)

EXW 598 Public Health and Physical Activity (3)

EXW 598 Special Topics (1-4)

EXW 598 Theory of Strength Training (3)

EXW 635 Physical Activity and Aging (3)

EXW 642 Exercise Epidemiology (3)

*Other elective courses may be used with approval of the academic unit.

Written Comprehensive Exam: representing core courses and focus area

Admission Requirements:

Admission to the master's degree program is based on a number of factors including:

- GRE scores
- statement of career or research interests
- three professional letters of recommendation
- undergraduate GPA

Degree: Students are expected to have the course work 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. Please see the program website for application deadlines.

The following courses must be completed prior to or during the master's degree as deficiencies. 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 (EXW 315 Physiological Foundations of Movement)
Kinesiology and Laboratory (EXW 330 Kinesiological Foundations of Movement)
Exercise Testing and Laboratory (EXW 420 Exercise Testing)
Exercise Prescription (EXW 425 Exercise Prescription)

An undergraduate course in statistics is strongly recommended.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required.

English Proficiency Requirements: An applicant whose native language is not English (regardless of current residency) must submit a Test of English as a Foreign Language (TOEFL) score unless they meet the requirements for an exception.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
https://snhp.asu.edu/programs/exercise-wellness?qt-exercise_and_wellness=1#qt-exercise_and_wellness
HLTHN 406AB
healthpromotion@asu.edu
602-496-0862

Exercise and Wellness (Healthy Aging), MS (NHEXWHMS)

Online Degree Search Title: Exercise and Wellness (Healthy Aging)

Campus: Downtown Phoenix

Program Description:

The MS program in exercise and wellness with a concentration in healthy aging prepares the graduate student in the delivery of physical activity programs to older adults. Course content includes: the theories of aging; impact of aging on functional capacity and motor abilities; the role of lifestyle behaviors on aging; physical activity assessment and programming for older adults; physical activity and nutritional influences on healthful aging; and an introduction to the health care system for older adults.

Degree Requirements: 36 credit hours and a thesis, or 36 credit hours and a written comprehensive exam, or 36 credit hours including a capstone course (EXW 597).

Core Courses: (9 credit hours)

EXW 501 Research Statistics (3)
EXW 536 Physiological Aspects of Physical Activity and Chronic Disease (3)
EXW 542 Health Promotion (3)

Required Concentration Courses: (15 credit hours)

EXW 540 Aging and Lifestyle Behaviors (3)
EXW 562 Functional Assessment and Exercise Prescription for Older Adults (3)
HCD 531 Introduction to the Health Care System (3)
KIN 523 Motor Control and Aging (3) OR EXW 635 Aging and Physical Activity (3)
NTR 551 Advance Geriatric Nutrition (3)

Research Courses: (6 credit hours)

EXW 500 Research Methods (3)
EXW 591 Seminar (1)
EXW 592 Research (2)

Culminating Experience: (6 credit hours)

EXW 584 Internship and a written comprehensive exam OR

EXW 597 Capstone project OR

EXW 599 Thesis

Admission Requirements:

Admission to the master's degree program is based on a number of factors including:

- GRE scores
- statement of career or research interests
- three professional letters of recommendation
- undergraduate GPA

Degree: Students are expected to have the course work 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. Please see the program website for application deadlines.

The following courses must be completed prior to or during the master's degree as deficiencies. 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 (EXW 315 Physiological Foundations of Movement)

Kinesiology and Laboratory (EXW 330 Kinesiological Foundations of Movement)

Exercise Testing and Laboratory (EXW 420 Exercise Testing)

Exercise Prescription (EXW 425 Exercise Prescription)

An undergraduate course in statistics is strongly recommended.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required.

English Proficiency Requirements: An applicant whose native language is not English (regardless of current residency) must submit a Test of English as a Foreign Language (TOEFL) score unless they meet the requirements for an exception.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion

<https://snhp.asu.edu/>

HLTHN 406AB

healthpromotion@asu.edu

602-496-0862

Health Informatics, MAS (GCHLHINMAS)

Online Degree Search Title: Health Informatics (MAS)

Campus: Online

Program Description:

The MAS in Health Informatics is designed to offer professionals working in the field of health care an opportunity to earn a master level degree on the effective use of information technology, data science, and knowledge representation to impact health and health care. Professionals in non-health fields can also enhance their skills to transition to careers in this rapidly expanding field. Core courses provide a background in clinical informatics, while electives allow one to specialize in focus areas such as data science or mobile health. The degree prepares graduates to enhance their skills for careers in a wide range of health care settings.

Degree Requirements: 30 credit hours including the required applied project course course (BMI 593).

Core (12)

BMI 601 Fundamentals of Health Informatics (3) BMI 603 Health Informatics Database Modeling and Applications (3) BMI 614 Current Perspectives in Health Informatics (3) BMI 616 Clinical Decision Support and Evidence-Based Medicine (3)
Electives (15) Culminating Event: 3 credit hours of BMI 593 Applied Project Total Credit Hours: 30

Admission Requirements:

Applicants who meet the following requirements are eligible to apply..

- 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 biology, computer science, medicine, nursing, pharmacy or public health
- Minimum of a 3.00 cumulative GPA (4.00=A) in the last 60 hours of a student's bachelor's degree program

Applicants are required to submit:.

- Graduate Education admission application and application fee
- Official transcripts
- TOEFL required for applicants whose native language is not English*
- Current resume/CV
- Two letters of recommendation
- Statement of Purpose

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Students must fulfill the requirements of the Graduate Education and the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-health-informatics>)

Contact Information:

Health Solutions, College of
Biomedical Informatics Program
<http://chs.asu.edu/bmi>
Johnson Research Bldg., Mayo Clinic, Room 210
bmi@asu.edu
480-884-0220

Integrated Health Care, MIHC (NHIH/MIHC)

Online Degree Search Title: Integrated Health Care (MIHC)

Campus: Downtown Phoenix

Program Description:

The MIHC Master of Integrated Health Care program is designed to prepare graduates to develop, implement, evaluate and sustain integrated care programs in health care settings. Integrated behavioral care is the delivery of coordinated, integrated care for medical and behavioral conditions, and the lifestyle behavior changes necessary for improved disease prevention and management. The Master of Integrated Health Care curriculum is designed to provide students a foundation in models of integrated care, evidence-based interventions, and quality and performance management necessary to meet the "triple aim" of health care reform: improved patient experience of care, population health management and cost-savings. The degree program is expected to prepare graduates to meet the demand for integrated care programs in the emerging market that includes the patient-centered, primary care medical home and the accountable care organization. This program is designed to benefit both health care clinicians with management responsibilities and managers or executives in health care settings.

Degree Requirements:

Core (21)

IBC 520 Integrated Health Care: The Patient-Centered Medical Home (PCMH) (3)

IBC 530 Evidence-based Integrated Health Care (3)

IBC 540 Integrated Health Care Process Improvement (3)

IBC 550 Integrated Care Business Operations (3)

IBC 560 Strategic Business Planning and Big Data (3)

IBC 570 Financial Management (3)

IBC 585 Interprofessional Consultation, Leadership and Teamwork in Integrated Health Care (3)

Elective or Research (6)*

Culminating Experience (3)

IBC 593 Applied Project (3)

*Students select HCI 500-level courses with approval from the academic unit

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of bachelor's degree in social or behavioral sciences, health, business, public health, management or related field from a regionally accredited college or university
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (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*
- letters of recommendation

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/schools/doctor-behavioral-health>
HLTHS 315
mihc@asu.edu
602-496-1354

Nutrition, MS (ECHNUTMS)

Online Degree Search Title: Nutrition (MS)

Campus: Downtown Phoenix

Program Description:

The MS program in human nutrition is based on the scientific foundations of nutrition, but also prepares students with strong writing skills, computer

literacy, interpretive expertise, problem-solving skills and research experiences. 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. (See <https://chs.asu.edu/programs/schools/school-nutrition-and-health-promotion/how-become-registered-dietitian> (<https://chs.asu.edu/programs/schools/school-nutrition-and-health-promotion/how-become-registered-dietitian>) for more information.)

The primary objective of the graduate program in nutrition is to provide advanced training in nutrition research. Graduate students are expected to develop competencies in research methods and in advanced practice knowledge relevant to their area of study. The skills and knowledge acquired during the course of training should enable each student to develop professional competencies that can be applied to significant problems and issues within the field of nutrition and dietetics.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required Applied Project course (NTR 593).

The plan of study must contain approved graduate-level work and a thesis or applied project. The following courses are required:

Required Courses: (6 credit hours)

NTR 500 Research Methods I (3)

NTR 501 Research Methods II (3)

Required Concentration Courses: (3 credit hours; choose two; selection varies)*

Electives (9 credit hours)

Required Statistics Course: (3 credit hours; choose one)

EDP 552 Multi-regression and Correlation Methods (3)

EDP 554 Analysis-of-Variance Methods (3)

EXW 501 Research Statistics (3)

PSY 529 Correlation and Psychometric Theory (3)

PSY 530 Intermediate Statistics (3)

STP 530 Applied Regression Analysis (3)

STP 531 Applied Analysis of Variance (3)

STP 532 Applied Nonparametric Statistics (3)

STP 533 Applied Multivariate Analysis (3)

or other approved course

Culminating experience: (6 credit hours)

NTR 599 Thesis (6) or NTR 593 Applied Project (6)

*Note that graduate-level nutrition seminars vary by semester, in topics and availability. Current topics include:

NTR 523 Vegetarian Nutrition (3)

NTR 527 Policies, Environment and Obesity Prevention (3)

NTR 529 Pediatric Nutrition (3)

NTR 537 Evidenced-Based Nutrition (3)

NTR 598 Seminars (3)**

**NTR 598 Seminars reflect the changing nature of research and cover different subject areas each semester. Recent seminars include Advanced MNT, epidemiology, eating disorders, and sports nutrition.

Admission Requirements:

Applicants must submit an online graduate admission application.

Degree: A minimum of a bachelor's degree (nutrition or science is recommended) from a regionally accredited college or university is required.

Students who are pursuing the MS in human nutrition will need to complete the following prerequisites:

- anatomy and physiology I and II with labs (such as BIO 201 and 202 at ASU)
- biochemistry (only one semester is required, such as BCH 361 at ASU)
- general chemistry with lab (such as CHM 101 or CHM 113 plus CHM 116 at ASU)
- general nutrition for majors (such as NTR 241 at ASU)
- microbiology with lab (such as MIC 205 and 206 at ASU)
- organic chemistry with lab (only one semester is required, such as CHM 231 and CHM 235 lab at ASU)
- statistics (any statistics course)

These courses are part of the ASU didactic program in dietetics required for our BS degree in dietetics and to be eligible to apply for admission into an accredited dietetic internship to become a Registered Dietitian. If you have completed a DPD program from another university, these prerequisites will be considered complete. Prerequisite courses can be in progress when the student submits the application; however, if accepted into the MS degree program, all prerequisites must be completed before the program begins in the fall semester.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") or better is required

English Proficiency Requirement: The English proficiency requirements are the same as the Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Examination: No

Letters of Recommendation: 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.

Resume: A resume that summarizes the academic, volunteer, and employment experiences of the applicant needs to be submitted with the graduate admission online application.

Personal Statement: A personal statement that includes the following must be submitted with the online graduate admission application:

- Describe the applicant's significant professional responsibilities.
- State the applicant's professional goals and the reasons for the desire to enroll in ASU's program.
- Describe the applicant's strengths that will allow the applicant success in the program and in reaching professional goals.
- Indicate the applicant's personal research interests as specifically as possible, including any previous research experience.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

No interview is required.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/programs/nutrition>
HLTHN 406
chs@asu.edu
602-496-0869

Nutrition (Dietetics), MS (ECNTRDMS)

Online Degree Search Title: Nutrition (Dietetics) MS

Campus: Downtown Phoenix, Online

Program Description:

The MS in human nutrition with a dietetics concentration is a nonthesis option for registered dietitians seeking to continue their education and advance their skills as practitioners. Designed with working professionals and students' learning preferences in mind, two program options are available: in-person and online. Both the in-person and online formats can be completed either full time or part time. The in-person courses are offered at the Downtown Phoenix campus one evening a week in the classroom. Students who enroll in the online program complete course work entirely online without the in-person option. The program is based on the scientific foundations of nutrition and prepares students to have strong writing skills, computer literacy, interpretive expertise and problem-solving skills.

Applicants to the MS in nutrition, dietetics concentration must have one year of full-time work experience as a registered dietitian; however, applicants will not have to be employed at the time they apply to the program nor will students have to be employed to maintain in good standing with the program.

Degree Requirements: 30 credit hours including the required applied project course (NTR 593).

Required Courses: (6 credit hours)

NTR 500 Research Methods I (3)

NTR 501 Research Methods II (3)

Required Concentration Courses: (6 credit hours; choose two; selection varies)*

Electives (9 credit hours)

Required Statistics Course: (3 credit hours; choose one course)

EDP 552 Multi-regression and Correlation Methods (3)

EDP 554 Analysis-of-Variance Methods (3)

EXW 501 Research Statistics (3)

PSY 529 Correlation and Psychometric Theory (3)

PSY 530 Intermediate Statistics (3)

STP 530 Applied Regression Analysis (3)

STP 531 Applied Analysis of Variance (3)

STP 532 Applied Nonparametric Statistics (3)

STP 533 Applied Multivariate Analysis (3)

or other approved course (3-6 credits)

Culminating experience:

NTR 593 Applied Project (6)

*Note that graduate-level nutrition seminars vary by semester, in topics and availability . Current topics include:

NTR 523 Vegetarian Nutrition (3)

NTR 527 Policies, Environment and Obesity Prevention (3)

NTR 529 Pediatric Nutrition (3)

NTR 537 Evidenced-Based Nutrition (3)

NTR 598 Seminars (3)**

**NTR 598 Seminars reflect the changing nature of research and cover different subject areas each semester. Recent seminars include global nutrition, public health, functional foods and sports nutrition.

Admission Requirements:

Applicants are required to submit and online graduate admission application.

Applicants are required to have adequate academic preparation which includes a minimum of a BS or BA degree, current RD credential, and one year of full-time work experience as an RD.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") or better is required in the last two years of work leading to a bachelor's degree.

English Proficiency Requirement: Applicants whose native language is not English (regardless of current residency) must submit a Test of English as a Foreign Language (TOEFL) score.

Foreign Language Examination: No

Required Admission Examinations: Because passing the RD exam and gaining work experience in the field of dietetics are required for successful admission to the MS in human nutrition, dietetics concentration, the Nutrition Program Graduate Committee does not require applicants to take or submit scores from the Graduate Record Examination (GRE). In lieu of GRE scores, a telephone interview may be conducted.

Letters of Recommendation: Three letters of recommendation, including at least one from an employer or work supervisor.

Resume: A resume that summarizes the applicant's academic, volunteer, and employment experiences.

Personal Statement: 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.

Proof of Registered Dietitian Status: Please submit proof of Registered Dietitian status by accessing the Commission on Dietetic Registration's website (a href="http://www.cdrnet.org/ (http://www.cdrnet.org/)">http://www.cdrnet.org/ (http://www.cdrnet.org/)) using the Online Credential Verification Search. Complete the verification search.

Interview: A personal or phone interview may be required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-science-nutrition-dietetics?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/programs/nutrition>
HLTHN 406
healthpromotion@asu.edu
602-496-0869

Obesity Prevention and Management, MS (NHOBSMS)

Online Degree Search Title: Obesity Prevention and Management

Campus: Downtown Phoenix

Program Description:

The MS in obesity prevention and management is an innovative, transdisciplinary degree program that draws on a wide array of expertise at ASU 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 is geared toward postbaccalaureate students and professionals who wish to advance their understanding of 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).

Core Course: (3 credit hours)

OBS 501 Obesity Prevention and Management: An Introduction (3)

Electives: (21 credit hours; one course each from a list of options provided for the following categories)

- concepts in behavior change (3)
- Research Methods (3)
- Statistics (3)

Additional course selection will depend upon student's chosen track. Students will select six credits from prescribed categories for each track and six credits from other categories listed below.

Tracks:

- cultural aspects of behavior change
- general track
- public health approaches for behavior change
- technological approaches for behavior change

Culminating Experience: (6 credit hours)

OBS 593 Applied project (6) or OBS 599 Thesis (6)

Admission Requirements:

Degree: A minimum of a bachelor's degree (or equivalent) or a graduate degree in social or health science related fields from a regionally accredited college or university of recognized standing is required. The following entry-level competencies are needed for admission to the program: Students should have completed undergraduate-level courses in statistics and psychology and ideally have completed one or more courses in nutrition, physiology and chemistry.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00= "A") or better is required in the last two years of work leading to a bachelor's degree. Applicants should be competitive in the applicant pool as evidenced by GRE verbal, quantitative and analytical scores as well as the statement of educational and career goals and the letters of recommendation.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Examination: No

Required Admission Examinations: GRE

Letters of Recommendation: Yes

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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHN 406
healthpromotion@asu.edu
602-496-0869

Physical Activity, Nutrition and Wellness, PHD (ECNUTRIPHD)

Online Degree Search Title: Physical Activity, Nutrition, and Wellness (PhD)

Campus: Downtown Phoenix

Program Description:

The graduate faculty mentors of the School of Nutrition and Health Promotion in the College of Health Solutions offer a PhD degree in physical activity, nutrition and wellness. The mission of the program is to foster research which will promote healthy lifestyles intended to reduce the physical, social and economic costs of unhealthy living. While many healthy lifestyles are studied, the emphasis is on physically active living and sound nutrition.

Students are challenged to integrate disciplinary information from the exercise and nutrition sciences in combination with health promotion research and practice. Thus the doctoral program in physical activity, nutrition and wellness is uniquely designed to train scholars to conduct high impact, transdisciplinary health promotion research that explores issues that contribute to health through chronic disease risk reduction, quality of life promotion and enhancement of well-being.

Program graduates are prepared for research careers. The majority (70 percent) have procured postdoctoral research fellowships, research faculty positions in research intensive universities, or have obtained research positions in nonprofit industry, government or for-profit private sector research institutes. About 30 percent of graduates secure clinical or teaching-intensive positions upon graduation.

Students are to tailor a course of study in either: nutrition and health; or physical activity and health. Within these areas, students are expected to focus their study in a specific thematic area. There are eight thematic areas to choose from:

- chronic disease prevention
- energy balance, metabolism and physiology
- epidemiology, surveillance and measurement
- health communication, health technology and information
- lifespan, aging and special populations
- movement control and injury prevention
- behavioral aspects of nutrition and physical activity
- public health, community and health policy.

The program requires full-time residency and typically is completed within four years of full-time study after the master's degree. Students work with an approved mentor from the beginning to the end of the doctoral program. A mentor is selected by mutual agreement between student and mentor based on mutually compatible research interests and funding availability.

Students are actively engaged in research at every stage of the program through participation in research internships, independent research experiences, research seminars and colloquia, and dissertation research.

Degree Requirements: 97 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Credit hour requirements are distributed as follows:

previously awarded master's degree (30)
core (6)
required research course (12)
elective research courses (17)
professional development (5)
area of focus (theme) (15)
dissertation (12)

Examples of areas of focus include:

- chronic disease prevention
- energy balance and metabolism
- epidemiology, surveillance, measurement
- lifespan, aging, special populations
- metabolism, physiology and health
- nutrition behavior change strategies
- public and community health policy
- strategies physical activity
- technology and health promotion

Courses in the focus or thematic area are determined by the student and supervisory committee. Up to three 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.

Admission Requirements:

Applicants must submit the online graduate admission application.

In addition to meeting the Division of Graduate Education requirements, applicants must have successfully received a master's degree prior to admission to the program, and it is preferable that a data-based research thesis has been completed.

Applicants must include the following materials with the online application:

- GRE scores (verbal, quantitative and writing)
- letter of intent indicating 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
- professional resume
- three letters of recommendation
- teaching or research assistantship application
- Test of English as a Foreign Language (TOEFL) score*
- writing sample (six to 10 pages)

*An applicant whose native language is not English, regardless of current residency, must submit a TOEFL score unless the requirements for an exception have been met.

Prerequisite courses: Students may only be admitted if the following prerequisite undergraduate course topics or their equivalent have been completed prior to starting the program:

- exercise physiology
- human anatomy
- human nutrition
- human physiology
- upper-division nutrition

Students should also have completed a graduate-level statistics and research methods course.

It is expected that students admitted to the program will have a strong disciplinary foundation in physical activity and wellness, health promotion, exercise science or nutrition science. Individuals lacking background in these areas will be required to make up deficiencies before admission. Other requirements may be necessary depending on the area of study and will be determined by the mentor and executive committee.

Admission decisions are based on the compatibility of the applicant's research interests and career goals with the purpose of the degree program, previous academic training, GPA, GRE scores, recommendations, available funding and a match of research interests with available mentors.

It is expected that doctoral students will spend a minimum of three years in full-time residence. The intent is to involve and embed the student in ongoing research as well as class study. Thus, all doctoral students are to be full-time students and hold part-time appointments (20 hours per

week) as teaching or research assistants. As such, to be accepted into the program, funding must be available and students must have the expertise, experience and willingness to teach courses or laboratories in the exercise and wellness or nutrition undergraduate curriculum or be a research assistant as funding allows.

Please see the program website for application deadlines and admission terms.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/programs/physical-activity-nutrition-wellness>
HLTHN 410 BB
interdisciplinaryphd@asu.edu
602-496-2373

Science of Health Care Delivery, MS (NHSKCDMS)

Online Degree Search Title: Science of Health Care Delivery

Campus: Downtown Phoenix, Online

Program Description:

The MS in the science of health care delivery is designed to provide a foundation in the transdisciplinary field of health care delivery. This degree provides students with knowledge and competencies to contribute in a patient-centered, safe and cost-effective health care system and is designed for individuals with an interest in a career in the health care industry. Students receive a solid knowledge base in health care systems, health economics and policy, population health, health IT and analytics, health care management, process engineering and health care finance as well as skills in leadership. Much of the course work utilizes a case-based, solution-oriented approach 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).

Degree Requirements: 30 credit hours including the required capstone course (HCD 550).

Core course credit hours: (19)

- HCD 501 Health Behavior and Statistical Tools in Health Environments (4)
- HCD 502 Health Care Systems and Design (3)
- HCD 510 Interdisciplinary Approaches to Promotion of Healthy Lifestyles (2)
- HCD 511 Health Economics, Policy and Payment Models (3)
- HCD 521 Law and Health Promotion (3)
- HCD 532 Health Care Management (2)
- HCD 540 Seminar in Science of Health Care Delivery (2)

Electives (7)

Research (2)

HCD 592 Research (2)

Culminating experience(2)

HCD 550 Capstone: Applied Project (2)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Science of Health Care Delivery, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

A minimum of a bachelor's degree 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 and others is required.

A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 credit hours of a student's first bachelor's degree program or a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

Three letters of reference from either academic or professional sources are required; reference letters from friends or relatives will not be accepted. Letters demonstrating involvement in health care, community service or leadership are encouraged.

A personal statement that addresses the following questions must be submitted:

- How do you see yourself contributing to the health care system after you obtain your degree?
- How will this program help you in achieving your career goals?
- What are your career aspirations?
- What interested you in this degree program?

A phone or video conference interview with the admissions committee may be required.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill requirements of both the Division of Graduate Education and the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-science-science-health-care-delivery?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Health Solutions, College of
School for the Science of Health Care Delivery
<https://chs.asu.edu/shcd>
HLTHS 486
shcd@asu.edu
602-496-0092

Science of Health Care Delivery (Certificate), Certificate (NHHCDGRCT)

Online Degree Search Title: Science of Health Care Delivery (Grad Certificate)

Campus: Online

Program Description:

Change in the health care system has accelerated in the past five years and will continue to do so as the health care system transforms itself from one based on volume to one based on value. The science of health care delivery certificate program addresses the current and future needs of the health and health care workforce including, but not limited to: C-suite executives and administrators; health care providers (physicians, physician assistants, nurse practitioners, nurses); front line staff (respiratory therapists, occupational therapists, physical therapists, dietitians) and students in the health-related disciplines.

Degree Requirements:

Core (8 credit hours)

HCD 502 Health Care Systems and Design (3)

HCD 511 Health Economics, Policy and Payment Models (3)

HCD 540 Seminar in Science of Health Care Delivery (2)

quality and process improvement

clinical informatics

leadership

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of bachelor's degree from a regionally accredited college or university
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable Master's degree
- must have basic competencies in college-level math, general biology (or physiology) and statistics*

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)
- math or computer science (statistics or computer science)

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency**
- evidence of work experience***

* 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

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

***2+ years of work experience in a health-related field is preferred.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Health Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Contact Information:

Health Solutions, College of

School for the Science of Health Care Delivery

<https://chs.asu.edu/programs/schools/school-science-health-care-delivery>

HLTHN

shcd@asu.edu

602-496-0868

Speech and Hearing Science, PHD (LAHEARPHD)

Online Degree Search Title: Speech and Hearing Science (PhD)

Campus: Tempe

Program Description:

The PhD in speech and hearing science prepares scholars for careers in basic and applied research in educational, industrial or health care environments. The student pursues a program with the unifying theme of human communication and its disorders.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students complete content area course work that may include aspects of neuroscience, methodology, speech and hearing science, and other specialty areas. The student completes their plan of study under the guidance of their faculty mentor and program committee. A programmatic research experience prepares the student for basic or applied research leading to the dissertation.

Admission Requirements:

Applicants typically have completed a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline. Applicants with a bachelor's degree, strong research interests and a strong academic record are also considered. Please see the program website for application deadlines.

All applicants must complete an online graduate admission application.

Applicants must submit the following evidence for admission review:

- online graduate admission application
- GRE scores, including the writing score, taken within the last five years
- official transcripts of undergraduate and graduate study
- professional references from three individuals who are familiar with the applicant's academic record, in addition to the contact information of the recommenders
- proof of English proficiency*
- application cover letter and goals statement
- resume or curriculum vitae

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the College of Health Solutions.

Contact Information:

Health Solutions, College of
Department of Speech and Hearing Science
<https://chs.asu.edu/shs>
COOR 2206
shsgrad@asu.edu
480-965-2374

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 degree program in applied biological sciences is designed to train students who are creative problem-solvers, who are technically proficient whether they work in the field or at the laboratory bench, who stay abreast of scientific advances and the technical literature in their field of research, who are articulate in oral and written communication, and who understand the societal and policy implications of their work.

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
- urban micrometeorology
- wildlife biology

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (ABS 592 and ABS 593).

Plan of Study: All students are required to complete two seminars; ABS 591 in the spring semester and ABS 691 in the fall semester.

The remaining hours are chosen to support the student's educational objectives.

There are no foreign language requirements and no comprehensive examinations.

Thesis Option: A thesis is required, which constitutes six credit hours of the total 30 hours.

Nonthesis Option: The nonthesis option requires a three-credit-hour applied project course (ABS 593) and three-credit-hour culminating course requirement (ABS 592).

Final Examinations: A final oral examination covering the thesis and related subject matter is required.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS. Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

All applicants must submit an online graduate admission application and must meet the minimum requirements for admission, including those regarding English proficiency.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Integrative Sciences and Arts.

In addition, scores from the GRE or Miller Analogies Test are required. 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.

Applicants must submit the following separate application materials to Graduate Admission Services:

- a resume
- a statement of intent (maximum 600 words) explaining the applicant's interest in environmental resources, academic background and educational objectives
- three letters of recommendation from references who are qualified to comment on the applicant's potential in the selected area of study

Selection Procedures and Notifications:

Department faculty will evaluate the applications and supporting materials and recommend to Graduate Admission Services that the applicant should be granted admission (either regular or provisional) or denied admission. If admission is provisional, the Division of Graduate Education, in its letter of admission, will specify the provisions that need to be met to gain regular status. The school will inform successful applicants of the procedures for enrollment.

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

Online Degree Search Title: Counseling (MC)**Campus:** Tempe**Program Description:**

The MC program in clinical health is accredited by the Council for the Accreditation of Counseling and Related Educational Programs and adheres closely to the 2016 CACREP Standards. The mission of the master's degree program is to prepare students to become professional clinical mental health counselors, culturally competent to work with diverse clientele in a variety of mental health settings including colleges and universities, organizational settings, and community behavioral health agencies. Clinical mental health counselors seek to prevent or treat psychological problems and to promote the health of individuals, families, groups and organizations in a diverse society. The faculty has endorsed the American Counseling Association's Code of Ethics and Multicultural Counseling Competencies.

The program also instills in students the importance of research in advancing the counseling profession. One manifestation of the crucial link between practice and research is the three complementary functions of the program's state-of-the-art Counselor Training Center: services delivery, clinical training and research.

Faculty research foci include (but are not limited to):

- career development
- children and adolescents
- counseling process and outcome
- couple and family relationships
- intersections of ethnic and gender identities
- mental health disparities
- play therapy
- retention in education
- socioeconomic status and financial stress

Degree Requirements: 60 credit hours and a thesis, or 60 credit hours and a written comprehensive exam.

The program can be completed in no fewer than two years. Most students can complete the program in two to three years. The program is not designed to be a part-time program.

The practitioner option places considerable emphasis on supervised field experiences. A comprehensive exam is required to complete this option.

The research option places considerable emphasis on developing research competencies in addition to supervised field experience. Successful completion of a master's degree thesis is required in this option.

Admission Requirements:

Applicants to this program must:

- submit the online graduate admission application
- be graduates of accredited higher education institutions
- meet the Division of Graduate Education requirements for admission (e.g., minimum 3.00 junior and senior GPA and English language proficiency)
- submit a two to three page personal statement (see below)
- submit at least two and a maximum of three recommendation forms (see below)
- take the verbal and quantitative sections of the GRE*

*The test must be retaken if scores are more than five years old.

Nonacademic/Professional/Life Experiences

Applicants are required to submit a two to three page personal statement that will indicate the applicant's qualifications and reasons for their interest in the program (e.g., professional experiences and personal attributes). Specifically, applicants are asked to provide a reflection on how their education and training as well as professional experiences inform why they want to pursue the degree and how our program will help them meet their future goals. Applicants are also expected to discuss and elaborate on their ability to work and be sensitive to the needs of a multicultural and diverse society, including members of diverse racial or ethnic groups and individuals of a sexual minority.

Recommendations

At least two, and at the most three, recommendation forms are to be submitted. These should be completed by persons able to evaluate the applicant's academic potential, professional experience and personal attributes.

Please see the program website for application deadlines.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Integrative Sciences and Arts.

For more information, visit the school's website.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/graduate/ccp>
EDB 446
ccp@asu.edu
480-965-8733

Counseling Psychology, PHD (EDCPSYPHD)

Online Degree Search Title: Counseling Psychology (PhD)

Campus: Tempe

Program Description:

This American Psychological Association-accredited doctoral program in counseling psychology adheres closely to the scientist-practitioner training model in preparing graduates for employment in academic and service delivery settings. Although faculty interests are diverse, there is a common emphasis on empirical data as the basis for culturally responsive professional practice. The faculty has endorsed the following from the APA: Ethical Principles of Psychologists and Code of Conduct; Guidelines on Multicultural Education, Training, Research, Practice and Organizational Change for Psychologists; and Guidelines for Psychological Practice with Lesbian, Gay, and Bisexual Clients.

One manifestation of the program's commitment to the scientist-practitioner model is the three complementary functions of the program's state-of-the-art counselor training center: service delivery, clinical training and research.

Faculty research foci include: couple and family relationships, intersections of ethnic and gender identities, counseling process and outcome, mental health disparities, socioeconomic status and financial stress, career development, retention in education, children and adolescents, and play therapy.

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 American Psychological Association-approved setting. Each of these years involves course work pertaining to theory, research and practice in counseling psychology. Students are expected to maintain full-time status. Full-time status involves being registered for at least nine credits per semester in the course work years. This requirement applies only to the academic year and not summer sessions. At a minimum, students are required to complete two years of course work in residence at ASU.

Admission Requirements:

Applicants to doctoral study in counseling psychology must first submit an online graduate admission application and GRE scores (which can be no older than five years).

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The following supplemental materials are required by the counseling psychology program:

- a brief personal statement (600 words or less) describing the applicant's history, academic and professional goals, and reasons for selecting the counseling psychology program at ASU
- a completed biographical information form
- a seven-page sample of the applicant's 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)
- three letters of recommendation*

*The preference is that two of these letters be from persons familiar with the applicant's academic work.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Integrative Sciences and Arts.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/>
EDB 446
ccp@asu.edu
480-965-8733

Technical Communication, MS (LSTCCMMS)

Online Degree Search Title: Technical Communication

Campus: Polytechnic, Online

Program Description:

The MS in technical communication degree program will teach 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, technology expertise and hands-on skills necessary for success as a technical communicator. Students who complete the program will be accomplished writers, editors, designers and researchers who are able to respond effectively to a range of audiences, issues and communication situations. The program will prepare students for technical communication positions in the private, public and nonprofit sectors and will offer professionals the opportunity to further advance their careers.

Degree Requirements: 36 credit hours including a thesis, or 36 credit hours including the required applied project course (TWC 593).

core courses: (6 credit hours)

TWC 504 Applied Rhetoric and Technical Communication (3)

TWC 505 Research in Technical Communication (3)

restricted electives: (24 credit hours; choose 8 below)

TWC 501 Fundamentals of Technical Communication (3)*

TWC 511 Principles of Visual Communication (3)

TWC 514 Visualizing Data and Information (3)

TWC 521 Principles of Web Authoring (3)

TWC 522 Social Media in the Workplace (3)

TWC 531 Principles of Technical Editing (3)

TWC 543 Grant and Proposal Writing (3)

TWC 544 User Experience (3)

TWC 545 Content Management and Topic-Based Authoring (3)

TWC 546 Technical and Scientific Reports (3)

TWC 551 Copyright and Intellectual Property in the Electronic Age (3)

TWC 552 Information in the Digital Age (3)

TWC 584 Internship (3)

TWC 598 May be repeated with different topics (3)

culminating experience: (6 credit hours)

TWC 599 Thesis (6) or TWC 593 Applied Project (6)

total required credit hours: 36

*Students who do not have previous technical communication course work or relevant industry experience must take this course as a restricted elective.

Admission Requirements:

Degree: A minimum of a bachelor's degree from an accredited college or university is required. Applicants in any program of study will be accepted as potential candidates for the program.

Students must apply to Graduate Admission Services utilizing the online graduate admission application; applicants must meet all admission requirements of the Division of Graduate Education.

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 will be evaluated using a rubric that considers several criteria, including demonstration of ability to focus on a specific purpose and to meet audience needs, 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.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Since this degree requires a high degree of proficiency in English, an applicant whose native language is not English will be expected to have the following Test of English as a Foreign Language (TOEFL) scores:

Traditional paper-based: 600

Internet-based: 100

Computer-based: 250

Foreign Language Exam: None required

Required Admission Examinations: None required

Letters of Recommendation: All applicants must submit three letters of reference, either academic or professional, that speak to the background and capabilities of the applicant.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Integrative Sciences and Arts.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-science-technical-communication?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/tech-comm>

SANCA 251K

cisa@asu.edu

480-727-5981

Technical Communication (certificate), Certificate (LSTECGRCT)

Online Degree Search Title: Technical Communication

Campus: Polytechnic

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.

The certificate requires 18 hours, including the following classes:

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)*

*Students choose any 500-level TWC courses as their electives.

Admission Requirements:

Students must have completed a bachelor's degree prior to pursuing this certificate. Students must use the online graduate admission application to apply as nondegree-seeking students.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Integrative Sciences and Arts.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/LSTECGRCT/Gedt.html> (<https://catalog.asu.edu/files/disclosures/LSTECGRCT/Gedt.html>).

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/tech-comm/grad>
SANCA 251K
cisa@asu.edu
480-727-5981

Interdisciplinary Arts & Sciences, New College of

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 communication professions.

The program provides exposure to a variety of research methods, communication theories and practical applications, with a special emphasis on advocacy. Students use communication theories to explore how individuals and collectives participate effectively in personal relationships and public dialogues. They also learn to use communication practices to advocate for others.

Although advocacy is a defining theme in the curriculum, students can tailor the program to their personal goals, focusing on topics such as interpersonal, organizational, sport, environmental, global or technology-mediated communication.

Graduates are prepared to pursue doctoral work or careers in communication-driven fields such as public affairs, public relations, employee development, community relations and grassroots movements.

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.

The degree program consists of these courses:

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*

Culminating Experience Options

thesis, with written comprehensive exam (6 credit hours)**
applied project, with written comprehensive exam (3 credit hours)**
written comprehensive examination (0 credit hours)

*Up to 21 credit hours of electives are selected in consultation with the student's program advisor. When appropriate, students may take up to six credit hours outside the program.

**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.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

American Studies, BA
Applied Science, BAS
Communication, BA
Communication, BS
Ethnicity, Race and First Nations Studies, BA
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, BS
Psychology, BA
Social and Behavioral Sciences, BS
Social and Behavioral Sciences, BA
Sociology, BS
Sociology, BA
Women and Gender Studies, BA
Women and Gender Studies, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree or higher 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
- official GRE scores, if the undergraduate cumulative GPA is below 3.00 (on a 4.00 scale) for the last 60 credit hours
- a statement of purpose that describes the educational background, scholarly interests, and academic and professional goals of the applicant
- three letters of recommendation from faculty members who know the applicant's work well (preferred) or from individuals in supervisory or professional roles
- an academic writing sample (preferred) or professional writing sample

Minimum of a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work is required. If the applicant does not meet the minimum GPA requirements, the application may still be considered.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Students must fulfill the requirements of both the Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/communication-studies-ma-degree>
FAB S329A1
NC.GradStudies@asu.edu
602-543-6295

English, MA (ASENGLMA)

Online Degree Search Title: English (MA)

Campus: West

Program Description:

The MA degree in English offered by the New College of Interdisciplinary Arts and Sciences is a comprehensive program that delves into the many facets of English: its literatures; its linguistic, social and cultural histories; and its capacities for persuasion, exposition and elucidation.

The program allows students to explore specific subject areas while working across a range of subdisciplines within English such as literary studies, rhetorical studies, composition and linguistics.

With an emphasis on teaching and research, the program includes electives to encourage students to pursue interdisciplinary inquiry. The degree culminates with a capstone project that primes graduates for critical and eloquent engagement with the world beyond the university.

Equally suited to prepare candidates for doctoral study or to advance the careers of area educators in the language arts, the degree also prepares graduates to begin careers in one of the many professions that value creativity, critical thinking, and highly skilled communication.

Degree Requirements: 30 credit hours including the required capstone course (ENG 597).

Required Core Courses: (6 credit hours)

ENG 502 Contemporary Critical Theories (3) or MAS 505 Theories of Change, Culture and Mind (3)
ENG 582 Pedagog (3)

Elective or Research Courses (from ENG/LIN courses through New College): (12 credit hours)

ENG 500 Research Methods (3)*
ENG 502 Contemporary Critical Theories (3)
ENG 503 Comparative Ethnic Studies, Theory and Practice (3)
ENG 504 Cross-Cultural Studies (3)
ENG 506 Methods and Issues in Teaching Language (3)
ENG 517 History of the English Language (3)
ENG 531 Old English Literature (3)
ENG 533 Studies in Medieval Literature (3)
ENG 534 Studies in Renaissance Literature (3)
ENG 535 Studies in 18th- and 19th-Century British Literature (3)
ENG 536 Studies in American Literature before 1900 (3)
ENG 537 Studies in Modern and Contemporary British Literature (3)
ENG 538 Studies in Modern and Contemporary American Literature (3)
ENG 539 Studies in Modernist and Postmodernist Literature and Theory (3)
ENG 540 Teaching Young Adult Literature (3)
ENG 542 Studies in North American Ethnic Literatures (3)
ENG 543 Studies in Anglophone Literatures (3)
ENG 544 Studies in Colonial and Postcolonial Literature (3)
ENG 545 Studies in Women's Literatures (3)
ENG 546 Gender Studies (3)
ENG 550 Translation (3)
ENG 551 Rhetorical Traditions (3)
ENG 552 Composition Studies (3)
ENG 553 Technologies of Writing (3)
ENG 554 Rhetorics of Race, Class, and Gender (3)
ENG 556 Theories of Literacy (3)
ENG 560 Genre Studies (3)
ENG 561 Film Studies (3)
ENG 562 Forms of Poetry (3)
ENG 563 Forms of Fiction (3)
ENG 580 Practicum (3)
ENG 581 Methods of Teaching Secondary Writing (3)
ENG 583 Methods of Teaching Secondary Literature and Language (3)
ENG 584 Internship (3)
ENG 590 Reading and Conference (3)
ENG 591 Seminar (3)
ENG 592 Research (3)
ENG 594 Conference and Workshop (3)
ENG 598 Special Topics (3)
LIN 510 Linguistics (3)
LIN 513 Semantics (3)
LIN 516 Pragmatics and Discourse Analysis (3)

*Note: Required research course for all students and must be included in the plan of study.

Open Elective or Research Courses: (9 credit hours)

Nine credit hours can be selected from ENG or non-ENG course work offered by various academic units. Selection of course work will be in consultation with the student's committee.

Culminating Experience: (3 credit hours)

ENG 597 Graduate Capstone Seminar (3)

Admission Requirements:

Applicants must submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree or higher 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
- a statement of purpose that describes the educational background, scholarly interests, and academic and professional goals of the applicant
- three letters of recommendation, preferably from faculty members who know the applicant's work well (if not available, then from individuals in supervisory or professional roles)
- an academic writing sample (if not available, then an example of professional writing)
- a resume or curriculum vitae (optional)

A minimum of a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work is required. If the applicant does not meet the minimum GPA requirements, the application may still be considered. In some instances, however, such candidates may be considered if they provide a compelling explanation for the irregularity.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/graduate-studies>

FAB S329A1

nc.gradstudies@asu.edu

602-543-6295

Interdisciplinary Studies, MA (ASINTERMA)

Online Degree Search Title: Interdisciplinary Studies (MA)

Campus: West

Program Description:

The MA degree 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.

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, historical perspectives and modes of inquiry.

The program offers 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 such as American studies; cultural studies; gender studies; digital media art; or philosophy, rhetoric and literature.

Graduates pursue doctoral work or careers in a variety of fields, including Latin American studies, advertising and marketing, arts therapy, documentary film production, gallery direction, entrepreneurship, higher education administration and museum curatorship.

Degree Requirements: 30 credit hours including the required capstone course (MAS 585).

Core Required Courses (in suggested order of sequence):

MAS 502 Perspectives in Interdisciplinary Studies (3)

MAS 505 Theories of Change, Culture, and Mind (3)

MAS 501 Methods for Interdisciplinary Inquiry (3)

Area of Emphasis/Focus Area:

Working with a faculty mentor, students select 15 to 18 credit hours of graduate-level course work that reflect a particular area of specialty or interest.

Elective:

Students can select three credit hours of a graduate-level elective in order to reach the required 30 credit hours for the degree program.

Capstone Experience:

MAS 585 Capstone Course (3)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

American Studies, BA
Applied Science, BAS
Communication, BS
Communication, BA
English, BA
Ethnicity, Race and First Nations Studies, BA
History, BA
Interdisciplinary Arts and Performance, BA
Interdisciplinary Arts and Sciences, BA
Philosophy, Religion and Society, BA
Political Science, BS
Political Science, BA
Psychology, BA
Psychology, BS
Social and Behavioral Sciences, BA
Social and Behavioral Sciences, BS
Sociology, BS
Sociology, BA
Women and Gender Studies, BA
Women and Gender Studies, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit the following:

- online graduate admission application, including application fee
- official GRE scores if undergraduate GPA is below 3.00
- official transcripts showing a bachelor's degree or higher 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
- a statement of purpose that describes the educational background, scholarly interests, and academic and professional goals of the applicant
- three letters of recommendation, preferably from faculty members who know the applicant's work well (if not available, then from individuals in supervisory or professional roles)
- an academic writing sample (if not available, then an example of professional writing)
- resume or curriculum vitae (optional)

Minimum of a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work (if the applicant does not meet the minimum GPA requirements, the application may still be considered)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences.

Please see the program website for application deadlines.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/interdisciplinary-studies-ma>
FAB S329A1
NC.GradStudies@asu.edu
602-543-6295

Psychology, MS (ASPGSMS)

Online Degree Search Title: Psychology (MS)

Campus: West

Program Description:

The MS degree in psychology offered by the New College of Interdisciplinary Arts and Sciences is an intensive, research-oriented program.

Students in the program 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.

Elective courses are offered in several areas, including abnormal psychology, affective science, behavior analysis, cognitive psychology, developmental psychology, health psychology, legal psychology, psychophysiology and social psychology.

This program 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.

Degree Requirements: 33 credit hours and written comprehensive exam, or 33 credit hours including the required applied project course (PSY 593) and a written comprehensive exam, or 33 credit hours, a written comprehensive exam and a thesis.

Written comprehensive exam option: (33 credit hours)

core (9)
research (6)
electives (18)
culminating experience: written comprehensive exam

Written comprehensive exam and applied project option: (33 credit hours)

core (9)
research (6)
electives (12)
culminating experience: written comprehensive exam and PSY 593 Applied Project (6)

Written comprehensive exam and thesis option: (33 credit hours)

core (9)
research (6)
electives (12)
culminating experience: written comprehensive exam and PSY 599 Thesis (6)

Admission Requirements:

Applicants must submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree or higher in psychology or a related field 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
- completion of the GRE with a combined minimum verbal and quantitative score of 300*
- a statement of purpose that describes the educational background, scholarly interests and academic and professional goals of the applicant
- three letters of recommendation, preferably from faculty members who know the applicant's work well (if not available, then from individuals in supervisory or professional roles)

*Priority is given to applicants who have achieved a 305 or higher.

Minimum of a GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work (if the applicant does not meet the minimum GPA requirements, the application may still be considered). Priority is given to applicants who have achieved a 3.25 or

higher.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/graduate/degrees/masters-in-psychology>
FAB S329A1
NC.GradStudies@asu.edu
602-543-6295

Social Justice and Human Rights, MA (ASJHRMA)

Online Degree Search Title: Social Justice and Human Rights (MA)

Campus: West

Program Description:

The MA in social justice and human rights addresses urgent social issues related to human security, labor, migration, children, family, education and the environment.

The course work in this theoretically and methodologically rigorous program examines social issues in contexts defined by multiple and intersecting forms of social identity and disadvantage, including gender, race, ethnicity, class, sexuality and nationality.

The program requires an internship to be completed domestically or internationally, where students typically work alongside other advocates for social justice to help refugees, migrants, workers, and survivors of violence or human trafficking.

Students may select from two degree tracks: research or advocacy. The research track prepares students for positions as researchers, analysts and advocates in governmental, intergovernmental and nongovernmental agencies. The advocacy track prepares students to be leaders in nonprofit, social movement, governmental and intergovernmental organizations. Graduates are also prepared to enter PhD programs.

Degree Requirements: 33 credit hours and a thesis, or 33 credit hours including the required applied project course (JHR 593).

The program includes:

Core (15)
Social Justice and Human Rights Research Track (9)*
Social Justice and Human Rights Advocacy Track (9)*
Elective Course work (3-6)
JHR 599 Thesis (6) or JHR 593 Applied Project (3)

The core course requirements are comprised of 15 credit hours, including:
HR 501 Proseminar in Social Justice and Human Rights (3)
JHR 506 Grant Writing and Development 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)
JHR 584 Internship (3)

*Students select one of the two tracks listed. Courses are selected in consultation with faculty.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- American Studies, BA
- Applied Science, BAS
- Communication, BA
- Communication, BS
- English, BA
- Ethnicity, Race and First Nations Studies, BA
- 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, BS
Psychology, BA
Social and Behavioral Sciences, BS
Social and Behavioral Sciences, BA
Sociology, BS
Sociology, BA
Women and Gender Studies, BA
Women and Gender Studies, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree or higher 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
- official GRE scores
- a statement of purpose that describes the educational background, scholarly interests, and academic and professional goals of the applicant
- two letters of recommendation, preferably from faculty members who know the applicant's work well (if not available, then from individuals in supervisory or professional roles)
- an academic writing sample (if not available, then an example of professional writing)
- a resume or curriculum vitae

Minimum GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work (if the applicant does not meet the minimum GPA requirements, the application may still be considered) is required.

Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/graduate/degrees/social-justice-and-human-rights-ma>
FAB S329A1
NC.GradStudies@asu.edu
602-543-6295

Social Technologies, MA (ASSTCMA)

Online Degree Search Title: Social Technologies (MA)

Campus: West

Program Description:

The MA degree in social technologies offered by the New College is a groundbreaking program that explores how new technologies affect social and organizational change as well as how to apply that understanding in a variety of professional contexts.

The master's degree is an interdisciplinary degree program anchored in social, behavioral, cultural, critical and design approaches to the increasing prominence of social technology in nearly every facet of contemporary life. Course work delves into social theory and research methods applied to the social uses of interactive environments, networked technologies and mobile computing.

The flexible curriculum consists of two core courses, a graduate-level research methods course and a series of elective courses, culminating in a six credit hour capstone project.

Graduates are prepared for doctoral work in social technologies or careers in social media, community management, digital media, and professions that use social technologies to interact with clients, interest groups and the public. Graduates are also skilled in distance collaboration.

Degree Requirements: 33 credit hours including the required applied project (STC 593).

required core courses: (6 credit hours)

STC 505 Theories of Social Technology (3)

STC 510 Applied Social Technology (3)

elective or research courses: (21 credit hours, choose from list below)

research methods (choose from CMN 505, CMN 506, JHR 500 or MAS 501 or other course with approval of program director) (3)

CMN 557 Communication and Technology (3)

CMN 570 Communication and Advocacy in Social Context (3)

COM 459 Social Media Networks (3)

MAS 513 Sociology of Everyday Life (3)

SOC 419 Organizations and Technological Change (3)

STC 520 Advocacy and Social Technology (3)

STC 525 Politics and Social Technology (3)

STC 530 Technology and Collaboration (3)

STC 535 Networked Social Technologies (3)

STC 537 Community Informatics (3)

STC 540 Critical/Cultural Approaches to Social Technology (3)

STC 545 Games as Social Technology (3)

STC 547 Political Economy of Social Technology (3)

culminating experience: (6 credit hours)

STC 593 Applied Project (6)

Admission Requirements:

Applicants must fulfill the requirements of both the Division of Graduate Education and the New College of Interdisciplinary Arts and Sciences, including the following minimum requirements:

- a bachelor's degree or higher 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
- minimum GPA of 3.00 on a 4.00 scale ("B") in the last 60 semester hours or 90 quarter hours of undergraduate course work*
- proof of English proficiency**

Applicants must submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree or higher 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
- GRE scores (if applicable)***
- a statement of purpose that describes the educational background, scholarly interests, and academic and professional goals of the applicant
- three letters of recommendation, preferably from faculty members who know the applicant's work well (if not available, then from individuals in supervisory or professional roles)
- an academic writing sample (if not available, then an example of professional writing)

*If the applicant does not meet the minimum GPA requirements, the application may still be considered.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

***If you do not meet the minimum GPA requirements, you must submit an official GRE score.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/graduate-studies>

FAB s140c

NC.GradStudies@asu.edu

602-543-6295

Journalism & Mass Communication, Walter Cronkite School of

Business Journalism (Certificate), Certificate (CSBSJGRCT)

Online Degree Search Title: Business Journalism

Campus: Online

Program Description:

The graduate certificate program in business journalism is designed to give professional journalists a competitive edge in the globally expanding job market for business journalists. The five course, 15 credit hour program is offered through the Cronkite School's Donald W. Reynolds National Center for Business Journalism and taught by top faculty at the Walter Cronkite School of Journalism and Mass Communication. The certificate can be completed in one year, and a portion of the graduate course work may be applied to the Cronkite School's master's degree in mass communication.

Degree Requirements: 15 credit hours.

Required Courses: 15 credit hours

MCO 550 Issues in Coverage of Business and the Economy (3)

MCO 551 Better Business Storytelling (3)

MCO 552 Data in Business Journalism (3)

MCO 553 Reporting on Business and the Economy (3)

MCO 554 Investigative Business Journalism (3)

Culminating Experience: None required.

Admission Requirements:

Admission criteria: Applicants must meet the admission criteria by the Division of Graduate Education and submit all materials online through the graduate admission application.

Degree: An undergraduate degree in journalism, mass communication or related field from a regionally accredited institution, or a bachelor's degree and professional journalism experience is required.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 semester hours or 90 quarter hours of a student's bachelor's degree program is required. Applicants should have official transcripts of all college-level work sent to Graduate Admission Services.

English Proficiency Requirement: (See policies and procedures) (<https://students.asu.edu/graduate/proficiency>) (<https://students.asu.edu/graduate/proficiency>)

All applicants for the graduate certificate in business journalism must also submit the following materials:

- a resume or biographical sketch
- a 350- to- 500-word personal statement that serves as a writing sample*

*In the personal statement, the applicant should detail the reasons for pursuing the business journalism certificate.

An applicant whose native language is not English (regardless of current residency) must take the Test of English as a Foreign Language (TOEFL) and have a score of at least 100 on the Internet-based test (iBT). Students can have these scores automatically submitted to ASU and the Cronkite School by using institution code 4007.

The Cronkite School's graduate committee will review complete applications on a rolling basis and submit its admission recommendations to Graduate Admission Services for final approval.

Required Admission Examinations: None required

Applicants must fulfill the requirements of both the Division of Graduate Education and the Walter Cronkite School of Journalism and Mass Communication.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/>
CRONK 306E
cronkiteinfo@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:

This PhD program in journalism and mass communication is designed to be small, student-centered and scholarly research-oriented. It is based on the following priorities:

- a journalism and mass communication focus
- a transdisciplinary approach that requires course work outside of the journalism school
- one-on-one faculty-student mentoring
- program flexibility

The emphasis of this degree is the creation of scholarly, peer-reviewed articles and presentations based on journalism and mass communication philosophy, theory and methods. The program prepares students for research-oriented careers in journalism and mass communication education and related fields.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students entering the program with a master's in journalism or mass communication, or a related field, must complete 60 credit hours of course work. Students who are admitted to the program without a master's degree will be required to complete an additional 24 credits of course work.

core courses (18)

dissertation (12)

elective courses (18)

previous master's degree or additional hours approved by the supervisory committee (24)

research (12)

Admission Requirements:

Applicants must complete an online graduate admission application.

Please 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 and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

The Division of Graduate Education requires that applicants have a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semester hours of course work to be considered for admission.

Applicants must submit:

- test scores on the quantitative and verbal sections of the GRE, with the verbal score being particularly important to the Cronkite School's graduate committee
- three letters of recommendation
- personal statement of interest (350 to 500 words in length)
- resume
- samples of scholarly work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Test of English as a Foreign Language (TOEFL) scores must be at least 600 for the paper-based examination, 100 Internet-based.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Walter Cronkite School of Journalism and Mass Communication.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/phd>
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 12 month master's degree program uses the teaching hospital method to immerse students in the practice of journalism and prepare them for careers in today's rapidly evolving media industry.

The Cronkite School stands out from other schools for journalism with its teaching hospital paradigm. The full-time journalism graduate program is unique among schools with journalism programs in its scope, focus and intensity. It begins with a boot camp experience where students learn the reporting skills, values and principles embodied by Walter Cronkite, the school's guiding light for the past three decades. But it also is designed with the future in mind. Students learn how to navigate a dramatically different 21st-century media environment through classes and a symposium specifically focused on the future of journalism. Students are able to apply that knowledge through an intensive, practical experience in one of the school's signature professional programs spanning broadcast journalism, sports journalism and other arenas.

Students do all of this in a world-class facility in the heart of downtown Phoenix, the nation's sixth largest city and 13th largest media market. The school is also home to Arizona PBS. Student journalists can walk to the state's largest newspaper, to the NBC and Fox television affiliates, and they are in walking distance to cover major events at city hall, at county, state and federal agencies and at major sporting and cultural venues.

Professional programs:

The cornerstones of the graduate program are the journalism school's professional programs:

- Carnegie-Knight News21
- Cronkite News - Broadcast
- Cronkite News - Digital Production
- Cronkite News - LA Sports Bureau
- Cronkite News - Phoenix Bureau
- Cronkite News - Phoenix Sports Bureau
- Cronkite News - Washington Bureau
- New Media Innovation
- Public Insight Network Bureau
- Reynolds Business Bureau

Degree Requirements: 30 credit hours including the required applied project course (MCO 593), or 30 credit hours including the required capstone course (MCO 570), or 36 credit hours including the required capstone course (MCO 570).

The master's degree program is a full-time, 36 credit hour program. Students with extensive professional experience may be offered the opportunity to pursue the 30 credit hour mid-career option.

core course requirements: (20)

MCO 502 Journalism Skills (8)

MCO 503 Media Law (3)

MCO 510 Data Journalism (3)

MCO 525 21st Century Media Organization and Entrepreneurship (3)

MCO 530 History, Philosophy and Ethics of Journalism (3)

electives (6)

other requirements: (1)

MCO 598 Lab Observation (1)

culminating experience: (9)

MCO 570 Master of Mass Communication Capstone (9)

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Legal Studies (MLS)
- Sustainability Solutions (MSUS)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Journalism and Mass Communication, BA

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Please 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 graduate committee reviews complete and on-time applications. Recommendations for admission are made to Graduate Admission Services, where the final admission decisions are made.

Applicant submission requirements:

- Applicant must complete an online graduate admission application.
- The Division of Graduate Education requires that all those admitted have at least a 3.00 GPA (based on a 4.00 scale) in the last 60 credit hours or 90 quarter hours of undergraduate course work.
- Scores on the quantitative and verbal sections of the GRE are required, with the verbal score being particularly important to the journalism school's graduate committee.
- Test of English as a Foreign Language (TOEFL) scores must be at least 600 for the paper-based examination and 100 for the Internet-based.*
- Three letters of recommendation are required.
- Applicant must submit a personal statement of interest (350 to 500 words in length).
- A resume is required.

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Walter Cronkite School of Journalism and Mass Communication.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu/degree-programs/graduate/mid-career-masters>
CRONK 302
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 --- specialty magazines, multimedia outlets, and TV channels and networks. The Walter Cronkite School of Journalism and Mass Communications' MA program in sports journalism will give students unparalleled preparation for careers in sports media and communications through in-depth, hands-on multimedia writing and reporting courses. Students also will learn the values and principles embodied by Walter Cronkite in classes that focus on sports journalism ethics and the challenges faced by the industry. Students will complete their program with a capstone experience in the school's Los Angeles or Phoenix sports bureau.

Degree Requirements: 36 credit hours including the required capstone course (MCO 570).

Required Core Courses: (23 credit hours)

MCO 502 Journalism Skills (8)

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 Courses: (3 credit hours; choose one)

MCO 505 Depth Reporting (3)
MCO 515 Advanced Online Media (3)
MCO 531 Advanced Broadcast Reporting (3)
MCO 553 Reporting on Business and Economy (3)
MCO 555 Digital Media Entrepreneurship (3)
MCO 598 Special Topics (3)

Culminating Experience (9 credit hours):

Capstone Course: MCO 570 Sports Journalism Santa Monica or MCO 570 Sports Bureau Phoenix

Other Requirements (1 credit hour):

MCO 598 Lab Observation

Admission Requirements:

Degree: A minimum of a bachelor's degree or master's degree in a closely related field from a regionally accredited college or university is required. If the applicant is an international student, a minimum of a bachelor's degree or master's degree or equivalent is required.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Students whose native language is not English must achieve a score of at least 100 (Internet) or 600 (paper-based) on the Test of English as a Foreign Language (TOEFL). There are no exceptions. The test must have been taken after the date listed on <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for the desired admission term in order to be valid. Official scores must be submitted to the ASU Cronkite School by using institution code 4007.

Additional Application Materials:

- a resume, biographical sketch or both
- a 350- to 500-word personal statement that serves as a writing sample*

*In the personal statement, the applicant should detail reasons for pursuing the master's degree in sports journalism at the Cronkite School.

Required Admission Examinations: GRE

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the Walter Cronkite School of Journalism and Mass Communication.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu>
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:

The LLM in biotechnology and genomics program is offered through the Sandra Day O'Connor College of Law's Center for Law, Science and Innovation, the nation's oldest, largest and most comprehensive research center focusing on the intersection of law and science. Through classroom instruction and guided independent study, LLM candidates will 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

LLM students explore and examine the law that enables and constrains the development, control and application of biotechnology and genomics.

Relevant legal fields include:

- agricultural law and policy
- health law, particularly public health law
- intellectual property

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 will also be beneficial for non-U.S. lawyers. Candidates for an LLM 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 may also be pursued on a part-time basis. A degree candidate must complete 24 credit hours of course work to obtain the LLM 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 course work. Two required courses are: genetics and the law; and biotechnology: science, law and policy.

The remaining credit hours will generally be 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:

Please see the program website for application deadlines.

Admission to the program is competitive. In order to be admitted, an applicant must have completed a JD degree or a 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 will be 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 LLM online application form (available at <http://www.lsac.org> (<http://www.lsac.org>))
- required application fee
- resume that does not exceed three, typed pages
- statement of interest 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

*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 Division of Graduate Education and College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/degree-programs/llm>
ACLS 420
lmasu@asu.edu
480-965-1474

Indian Law (certificate), Certificate (LWLAWGRCI)

Online Degree Search Title: Indian Law Certificate

Campus:

Program Description:

The Indian law certificate program is designed for students who plan to practice Indian law, particularly students who may be representing tribal communities directly after graduation.

To be eligible to pursue the Indian law certificate, a student must be enrolled in the Sandra Day O'Connor College of Law and be in good standing. Transfer applicants may be admitted to the certificate program if they otherwise meet the admission standards of the Sandra Day O'Connor College of Law.

The certificate requires substantive course work, a minimum grade requirement, practice experience in Indian law and the College of Law graduation writing requirement written on an Indian law topic.

Degree Requirements:

The certificate requires a minimum of 21 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 law program

The remaining credits are 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" 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:

Students wishing to pursue the Indian law certificate must be enrolled in the JD 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 (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Sandra Day O'Connor College of Law.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/faculty/centers/ilp>
ACLS 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 offers a particularly large selection of courses with many options for transdisciplinary study with other departments on campus. Students will 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 college hosts:

- The Center for Law and Global Affairs
- The Center for Law, Science and Innovation
- The Indian Legal Program

Degree Requirements:

Satisfactory completion of the course of study offered by the College of Law leads to the Juris Doctor degree.

To be eligible for the Juris Doctor, a student must satisfy all the following:

- Admission to the college as a candidate for the degree and satisfaction of any conditions imposed at the time of admission or prior to graduation during the course of law study is required.
- All 88 credits required for graduation must be earned at the ASU Sandra Day O'Connor College of Law unless prior approval by the dean's designee is granted (per college policies).
- A maximum of 12 credits of externship work and a maximum of seven credits of independent study can be counted toward the 88 credits required for graduation.
- Complete all required first-year courses, professional responsibility and either Constitutional Law II or Criminal Procedure.
- Complete degree requirements no earlier than 24 months and no later than 84 months after commencing study at the law school or a law school from which the school has accepted transfer credit. A transfer student must complete the work of at least three semesters in the ASU Sandra Day O'Connor College of Law immediately preceding the granting of a degree.
- No more than four credit hours of "D" (1.00 on a 4.00 scale) grade work after the first year can be applied toward the 88 hours.
- Satisfy the graduation writing requirement (per college policies).
- Satisfy the professional skills requirement (per college policies).
- Satisfy the flexible writing requirement (per college policies).
- Successful completion of a minimum of 88 hours of academic credit of which 72 must be graded with a cumulative weighted average of "C" (2.00 on a 4.00 scale) or better is required.
- A minimum of 63 credits must be obtained from courses that involve attendance at regularly scheduled class sessions. The following do not count toward the required 63 credits: externships, independent studies, credits taken outside the law school under College of Law policy IX A, credits received for journal work, credits received for moot court, credits received for teaching assistantships, credits received from courses without regularly scheduled meetings, credits received for any clinic other than the civil justice clinic, the immigration law and policy clinic, the Indian legal clinic, the mediation clinic and the postconviction clinic.
- A maximum of 38 transfer credits can be counted toward the 88 credits required for graduation.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Justice Studies (PhD)
- Psychology (PhD)
- Social Work - Standard Program (MSW)
- W. P. Carey MBA - Full-Time Program

Admission Requirements:

The Sandra Day O'Connor College of Law at Arizona State University enrolls only one first-year Juris Doctor class per year, and it enters 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. Each year, far more applications are submitted to the Sandra Day O'Connor College of Law than the college's facilities and programs can accommodate. Thus, admission is competitive. The College of Law makes its admission decisions based upon all information contained in the applicant's file.

To be considered for admission to the program, an applicant must have taken the LSAT and have earned, or expect to have earned by the time of enrollment in law school, a bachelor's degree from an accredited four-year college or university. Further, a candidate must complete the application for admission and submit all mandatory attachments. 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 College of Law by LSAC with the applicant's LSAT record. Applicants must apply electronically through <http://www.lsac.org> (<http://www.lsac.org/>).

The Sandra Day O'Connor College of Law will provide full file review to 100 percent of the completed applications to the Juris Doctor program. While the applicant's undergraduate record and LSAT score are important predictors, no decision will be made on objective criteria alone. Among the other factors considered by the admission committee are:

- ability to communicate
- demonstrated commitment to public service
- diversity of experience and background
- exceptional personal talents
- extracurricular or community activities
- foreign language proficiency
- geographic diversity
- graduate study
- history of overcoming economic or other disadvantage
- honors and awards
- leadership experience
- maturity
- overcoming disability
- personal experiences with discrimination
- publications
- service in the Armed Forces
- the rigor of the undergraduate course of study
- work experience

Please see the program website for application deadlines.

For an application to be considered complete, it must include the following:

- a complete Credential Assembly Service report, with all transcripts and letters of recommendation or evaluations*
- the completed application, including explanations for affirmative answers to conduct, character and fitness questions
- LSAT scores from Law School Admissions Council
- a personal statement that does not exceed two double-spaced, typed pages
- the required application fee
- a resume that does not exceed three typed pages

*The report must be from the current application year.

Applicants with degrees from foreign institutions must meet ASU Division of Graduate Education and College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu>
ACLS 420
asulaw.admissions@asu.edu
480-965-1474

Law, Science, & Technology (certificate), Certificate (LWLAWSTCE)

Online Degree Search Title: Law, Science, and Technology Certificate

Campus:

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 at the Sandra Day O'Connor College of Law.

The program allows for specializations in the areas of:

- environmental and sustainability law
- genomics and biotechnology law
- health law
- intellectual property
- law and psychology

Degree Requirements:

- Students must satisfy their graduation writing requirement on a topic related to law, science and technology. The paper must meet all of 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 at least a "B" (scale is 4.00 = "A") is required for those courses that satisfy the substantive course work requirements of the certificate. Courses used to satisfy the core or specialization requirements may not be taken for pass or fail credit. A student may take one elective course on a pass or fail basis.
- Substantive course work 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 (speakers, conferences, symposia) sponsored by the Center for Law, Science and Innovation and to participate in at least one approved activity for two semesters.

Students have the option of pursuing a specialization within the certificate. The specialization areas are intellectual property, health law, environmental law, genomics and biotechnology law, and law and psychology. For students pursuing the specialization option, four courses within the area of specialization are required and the core course requirement is reduced from two to one.

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:

Students wishing to pursue the law, science and technology certificate must be enrolled in the Juris Doctor 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 (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Sandra Day O'Connor College of Law.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/faculty/centers/lsl>
ACLS 420
Lsi@asu.edu
480-965-5386

Laws, LL.M. (LAWLAWSLLM)

Online Degree Search Title: Laws (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. Study is available in a variety of areas in which the law school holds particular strength. Alternatively, U.S. attorneys and international attorneys may design their own customized master's degree program to complement their interests in the practice of law.

Degree Requirements:

The program requires 24 credit hours. Required courses will depend on the student's particular concentration in the degree. International students will be required to take LAW 596 Professional Legal Writing. A candidate may elect to either write a master's degree portfolio paper or complete an

applied project. The remaining credit hours will generally be 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:

The Sandra Day O'Connor College of Law offers several master's degree programs for students who have already completed a law degree within the U.S. or abroad.

Please see the program website for application deadlines.

Admission to the program is competitive. To be admitted, an applicant must have completed 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 and have submitted a complete application to the program. Selection will be 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.

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 (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**
- a writing sample

*Applicants are encouraged to apply electronically through <http://www.lsac.org> (<http://www.lsac.org>).

**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 Division of Graduate Education and College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/degree-programs/llm>
ACLS 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 concentration in global legal studies is designed in coordination with the College of Law's Center for Law and Global Affairs. The program draws on the unique focus of the center and the faculty's wide range of 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 in this program will have the opportunity to practice empirical research and work on center research initiatives in public-private governance, global health, human rights indicators, transitional justice and human trafficking.

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 course work. A candidate may elect to write a master's degree portfolio paper or, instead, can elect to complete an applied project. Required course work includes two of the following courses:

LAW 615 Public International Law (3)

LAW 691 International Institutions (2)

LAW 709 International Human Rights Law (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 (2)

The remaining credit hours will generally be obtained from the list of elective courses in international law.

Admission Requirements:

The Sandra Day O'Connor College of Law offers several master's degree programs for students who have already completed a law degree within the U.S. or abroad.

Please see the program website for application deadlines.

Admission to the program is competitive. To be admitted, an applicant must have completed a Juris Doctor degree in the U.S. 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 will be 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.

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 (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**
- a writing sample

*Applicants are encouraged to apply electronically through <http://www.lsac.org> (<http://www.lsac.org/>).

**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 Division of Graduate Education and College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/degree-programs/llm>
ACLS 420
lmasu@asu.edu
480-965-1474

Legal Studies, MLS (LWLGSMLEGS)

Online Degree Search Title: Legal Studies (MLS)

Campus: Downtown Phoenix

Program Description:

The MLS is a unique, 30 credit hour graduate program offered to established professionals or academicians whose work intersects with the law but who do not want to become attorneys. Students learn the foundations of U.S. law and study the process of legal analysis in the context of the cases, laws and regulations related to their specific career interests. Students are required to take one core course in U.S. law and legal analysis, additional foundational course work, and choose the remaining credits as electives to customize their studies to the area of law relevant to their current career.

Note: 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.

Degree Requirements:

The program consists of 30 credit hours of approved study. The degree 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 I (3)*

LAW 523 Property (2/4)*

LAW 602 Civil Procedure II (3/4)

LAW 604 Criminal Procedure (3)

LAW 625 Constitutional Law II (3/4)

LAW 654 Business Organizations (3/4)

LAW 664 Intellectual Property (2/4)

*Note: Students may enroll in a maximum of two courses marked with an asterisk.

The remainder of the credits are electives. Elective course selection will be flexible, to accommodate the diversity of intellectual and professional interests the program is intended to serve.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

Accountancy (MACC)

Information Management (MS)

Management (MS)

Master of Mass Communication (MMC)

Real Estate Development (MRED)

Sustainability Solutions (MSUS)

Taxation (MTax)

W. P. Carey MBA - Evening Program

W. P. Carey MBA - Full-Time Program

Admission Requirements:

The Sandra Day O'Connor College of Law offers the master's degree program for students who do not wish to practice law, but believe that education in the law would be beneficial to their advancement in their careers or in other fields.

Please see the program website for application deadlines.

Admission to the program is competitive. In order to be admitted, applicants must have completed a bachelor's degree from an accredited four year college or university in the United States or attained a comparable degree from a foreign institution, and have submitted a complete application to the program. Selection will be 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.

For an application to be considered complete, it must include the following:

- the completed MLS 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: double-spaced, typed pages
- transcripts from all institutions attended, including the transcript showing that the bachelor's degree was conferred
- two letters of recommendation
- a writing sample

Applicants with degrees from foreign institutions must submit transcripts to World Education Services (<http://www.wes.org> (<http://www.wes.org>)) and meet ASU Division of Graduate Education and Sandra Day O'Connor College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law

<https://www.law.asu.edu/degree-programs/mls>

ACLS 420

mlsasu@asu.edu

480-965-1474

Legal Studies (Patent Practice), MLS (LWLPPMLEGS)

Online Degree Search Title: Legal Studies (Patent Practice) (MLS)

Campus: Downtown Phoenix

Program Description:

The concentration in patent practice within the MLS degree prepares students for the practice of patent law as registered patent agents with the United States Patent and Trademark Office. The concentration focuses on providing students with substantial doctrinal knowledge about patent law as well as practical skills training, including a capstone clinical course, relevant in the patent law field.

Degree Requirements:

core course credit hours (3)

LAW 581 US Law and Legal Analysis (3)

concentration course credit hours (18)

elective course credit hours (6)

culminating experience: Clinical Experience (Lisa Foundation Patent Law Clinic) (3)

Total required credit hours (30)

Admission Requirements:

Please see the program website for application deadlines.

Degree: Admission to the concentration requires a bachelor's degree in one of the following:

- aeronautical engineering
- agricultural engineering
- biochemistry
- biology
- biomedical engineering
- botany
- ceramic engineering
- chemical engineering
- civil engineering
- computer engineering
- computer science*
- electrical engineering
- electrochemical engineering
- electronics technology
- engineering physics
- food technology
- general chemistry
- general engineering
- geological engineering
- industrial engineering
- marine technology
- mechanical engineering
- metallurgical engineering
- microbiology
- mining engineering
- molecular biology
- nuclear engineering
- organic chemistry
- petroleum engineering
- pharmacology
- physics

- textile technology

*Acceptable computer science degrees must be accredited by the Computer Science Accreditation Commission of the Computing Sciences Accreditation Board or by the Computing Accreditation Commission of ABET on or before the date the degree was awarded.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Fluency: Applicants must meet the requirements of the Division of Graduate Education as well as those of the Sandra Day O'Connor College of Law. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency as indicated by acceptable scores. Applicants should have a Test of English as a Foreign Language (TOEFL) score above 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 will be considered.

Required Admission Examinations: None

For an application to be considered complete, it must include the following:

- the completed master's degree 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: double-spaced, typed pages
- transcripts from all institutions attended, including the transcript showing that the bachelor's degree was conferred
- two letters of recommendation
- a writing sample

Applicants with degrees from foreign institutions must submit transcripts to World Education Services (www.wes.org) and meet the Division of Graduate Education and Sandra Day O'Connor College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/node/436>
ACLS 420
mlsas@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 Sandra Day O'Connor College of Law at Arizona State University offers a master's degree in sports law and business, in partnership with the W.P. Carey School of Business and in full cooperation with ASU's athletics department. This program provides students with the training to understand the regulatory and revenue forces that drive the increasingly global sports industry: legal, policy, business, branding and marketing. The program uses a small class environment to deliver a problem- and project-based legal and business curriculum taught by recognized academic and professional leaders. That curriculum, together with an applied project, prepares students with the skills necessary to address the difficult issues present in the sports industry. This unique graduate degree can be completed on a full-time basis in a 12 month period or in two or fewer years for part-time students working in the field.

Degree Requirements: 36 credit hours including the required applied project course (SLB 593).

Core Courses: (24 credit hours)

LAW 581 U.S. Law and Legal Analysis (3)
SLB 510 Amateur Sports Law (2)
SLB 511 Strategic Career Planning (1)
SLB 512 Professional Sports Law (2)
SLB 513 Sports Law and Business(3)
SLB 514 Contracts: Negotiations and Drafting(3)
SLB 515 Sports Business Strategy and Industry Dynamics (3)
SLB 516 Sports Business Development (2)
SLB 517 Marketing for Sports Organizations (3)

SLB 518 Sports Analytics (2)

Elective or Research (9)

Culminating Experience (3)

SLB 593 Applied Project (3)

Admission Requirements:

A minimum of a bachelor's degree is required from a regionally accredited four year college or university in the United States or a comparable degree from a foreign institution. Possible majors include but are not limited to the following:

- business (finance, accounting, marketing, etc.)
- communications
- journalism
- prelaw
- sports management or business

Admission to the program is competitive. Selection will be based on:

- academic background and potential
- career experience and ambitions
- diversity of experience and background
- space and resource limitations in the law school, and other factors

For an application to be considered complete, it must include the following:

- a complete MSLB application for admission submitted through the Sandra Day O'Connor College of Law at <https://www.law.asu.edu/node/408> (<https://www.law.asu.edu/node/408>)
- required application fee
- resume that does not exceed three typed pages
- statement of interest 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 no less than two typed pages
- explanations to affirmative answers to any conduct questions

Official transcripts from all postsecondary institutions of higher education attended must be submitted to the College of Law. Official transcript means a transcript certified by the issuing school to ASU or delivered to ASU in a sealed envelope with a seal intact.

Applicants who have received undergraduate or graduate degrees from foreign institutions must have their transcripts evaluated by World Education Services and have that evaluation sent to our office by WES.

Applicants must meet the requirements of the Division of Graduate Education as well as those of the Sandra Day O'Connor College of Law.

A student whose native language is not English (regardless of current residency) must provide evidence of English proficiency as indicated by acceptable scores. Applicants should have a TOEFL score above 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 will be considered. ASU's institutional code is 4007.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/degree-programs/mls-sports-law-business>
ACLS 420
MLSASU@asu.edu
480-965-1474

Tribal Policy, Law and Government, LL.M. (LWTBLMLAWS)

Online Degree Search Title: Tribal Policy, Law, and Government (LLM)

Campus: Downtown Phoenix

Program Description:

The LLM in tribal policy, law and government is designed for lawyers and law school graduates who desire to work on issues related to tribal law and federal Indian law at the professional and academic levels. The Sandra Day O'Connor College of Law is a leading institution in producing graduates specializing in Indian law. The College of Law is also home to the nationally known Indian Legal Program, which was established in 1988.

The program provides students with a detailed understanding of the nature of tribal government, and of law and policy development within the domestic federal structure. Candidates will benefit from the extensive resources committed to the Indian legal program, including a director and staff and an Indian law clinic with its own full-time director and staff.

The 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.

ASU 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 who do research on 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 will immerse themselves in the study of tribal law and federal Indian law and will 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
- tribal code drafting

Graduates will be 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:

Please see the program website for application deadlines.

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 will be 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

Applicants are encouraged to apply electronically through <http://www.lsac.org> (<http://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 will be provided to the ASU College of Law by LSAC.

Applicants with degrees from foreign institutions must meet ASU Division of Graduate Education and College of Law English proficiency requirements.

Contact Information:

Law, Sandra Day O'Connor College of
Sandra Day O'Connor College of Law
<https://www.law.asu.edu/degree-programs/llm>
ACLS 420
lmasu@asu.edu
480-965-1474

Liberal Arts & Sciences, College of

African Studies (certificate), Certificate (LAAFRICACE)

Online Degree Search Title: African Studies (Grad Certificate)

Campus: Tempe

Program Description:

The graduate certificate in African and African diaspora studies is a transdisciplinary program with four areas of emphasis:

- African diaspora studies
- African studies
- comparative studies
- women and gender in African and African diaspora studies

These areas of emphasis provide students with 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.

As this certificate program offers students an international dimension to the study of peoples and cultures of African descent, students will invigorate their knowledge about global issues and further expand their research pursuits. This certificate 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: 18 credit hours.

The certificate program requires:

AFR 500 Research Methods (3)
capstone project (3)
elective (3)
emphasis courses (9)*

*Students select one of four emphases after consulting with the director of the certificate program.

Admission Requirements:

Applicants must submit the online graduate admission application. Admission to the graduate certificate in African and African diaspora studies program is open to any student who has completed a bachelor's degree at an accredited U.S. institution or equivalent. Students who are regularly admitted to a graduate degree program may pursue the certificate in tandem with their degree program. Students who are not regularly admitted to a graduate degree program may still pursue the certificate.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/graduate-certificates>
WILSN 125
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

Program Description:

The MS in American Indian studies is a transdisciplinary program that results in 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 governmental, private and nonprofit agencies. Focus is on languages, cultures, arts, histories, legal policy and education from an American Indian studies perspective. Delivery is mainly through in-person and icourses. Students may select a thesis (research) or nonthesis (professional) option. Thesis students will be 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 will complete a research 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 and managerial level position within an organization or agency.

The required core classes emphasize 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. Depending on the option chosen, students will complete either a thesis or an applied project. Both are research projects, but the applied project is more applied in nature.

The cultural resource revitalization and sustainability concentration explores the development and implementation of American Indian-focused cultural resources management processes and analyze 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).

core credit hours (9)

concentration credit hours (9)

elective credit hours (6)

AIS 599 or AIS 580 thesis or applied project (6)

Admission Requirements:

The minimum requirements for admission are:

- online graduate admission application
- 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 history, justice study, sociology, ethnic studies, anthropology, political science or education
- a TOEFL score from any applicant whose native language is not English

Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

American Indian Studies Program

<https://americanindian.clas.asu.edu>

DISCVRY 356

ais@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 the 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, histories, legal policies and

education from an American Indian studies perspective. Delivery is through in-person and iCourses.

Students may select a thesis (research) or nonthesis (professional) option. Thesis students will be involved in a major research project under the direction of their faculty advisory, 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 doctorate. Nonthesis students will complete a research project that identifies and addresses an applied problem or issue relevant to a partner agency or organization under the direction of their faculty advisory. This is the option students should select if they are interested in a leadership and managerial level position within an organization or agency.

The required core classes emphasize 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. Depending on the option chosen, students will complete either a thesis or an applied project. Both are research projects, but the applied project is more applied in nature.

The indigenous rights and social justice concentration explores the historical dimensions of colonization on American Indian political, economic and cultural institutions. Students will 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.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

core credit hours (9)

concentration credit hours (9)

elective credit hours (6)

AIS 599 or AIS 580 thesis or applied project (6)

Accelerated Degrees:

This degree is also offered as an accelerated degree with American Indian Studies, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must complete an online graduate admission application.

The minimum requirement for admission is 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 history, justice studies, sociology, ethnic studies, anthropology, political science or education.

A Test of English as a Foreign Language (TOEFL) score is required from any applicant whose native language is not English. Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
American Indian Studies Program

<https://americanindian.clas.asu.edu>

DISCOVERY 356

ais@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 the ability to apply that knowledge. Students acquire problem-solving skills useful in a range of professional arenas, including governmental, private and nonprofit agencies. Focus is on languages, cultures, arts, histories, legal policy and education from an American Indian studies perspective. Delivery is through in-person and iCourses.

Students may select a thesis (research) or nonthesis (professional) option. Thesis students will be 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 doctorate degree. Nonthesis students will complete a research 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 position within an organization or agency.

The required core classes emphasize 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. Depending on the option chosen, students will complete either a thesis or an applied project. Both are research projects, but the applied project is more applied in nature.

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.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (AIS 580).

core credit hours (9)

concentration credit hours (9)

elective credit hours (6)

AIS 599 or AIS 580 thesis or applied project (6)

Concurrent Degrees:

This degree is also offered as concurrent degree with Public Administration (MPA) - Downtown Phoenix

Accelerated Degrees:

This degree is also offered as an accelerated degree with American Indian Studies, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must complete an online graduate admission application.

The minimum requirement for admission is 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 history, justice studies, sociology, ethnic studies, anthropology, political science or education.

A Test of English as a Foreign Language (TOEFL) score is required from any applicant whose native language is not English. Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
American Indian Studies Program
<https://americanindian.clas.asu.edu>

DISCOVERY 356

ais@asu.edu

480-965-3634

American Indian Studies (Visual and Oral Culture), MS (LAAISVMS)

Online Degree Search Title: American Indian Studies (Visual and Oral Culture) (MS)

Campus: Tempe

Program Description:

The MS in American Indian studies is a trans disciplinary program that results in 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, histories, legal policy and education from an American Indian studies perspective. Delivery is through in-person and icourses.

Students may select a thesis (research) or nonthesis (professional) option. Thesis students will be 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 doctorate degree. Nonthesis students will complete a research 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 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. Depending on the option chosen, students will complete either a thesis or an applied project. Both are research projects, but the applied project is more applied in nature.

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, and 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).

Core credit hours (9)

Concentration credit hours (9)

Elective credit hours (6)

AIS 599 or AIS 580 thesis or applied project (6)

Admission Requirements:

The minimum requirement for admission is 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 history, justice studies, sociology, ethnic studies, anthropology, political science or education.

A Test of English as a Foreign Language (TOEFL) score is required from any applicant whose native language is not English. Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
American Indian Studies Program
<https://americanindian.clas.asu.edu>
DISCOVERY 356
ais@asu.edu
480-965-3634

American Media and Popular Culture, MAS (LAAMPCMAS)

Online Degree Search Title: American Media and Popular Culture (MAS)

Campus: Tempe, Online

Program Description:

The MAS degree program offered by the Film and Media Studies program at ASU features innovative approaches to the study of film, television, computer games, new media and screenwriting using historic methods, critical theory and creative expression as modes of analysis. While the media arts have traditionally been studied as independent disciplines, our program provides a more comprehensive approach that views them as convergent. We therefore recognize the importance of understanding the history of film as an art form, for instance, but also the need to view it in relation to television and digital media. We are committed to integrating the study of such media convergence into our curriculum, both as units within courses and through the design of new courses entirely devoted to that phenomenon.

Degree Requirements: 30 credit hours including the required applied project course (FMS 593).

The program consists of nine credit hours of core courses, 18 credit hours of electives and a three-credit applied project. Students should review the webpage and then consult the director.

Admission Requirements:

Applicants must complete the online graduate admission application, with required supporting documents, and meet all admission criteria.

Supporting documents include:

- a two-page personal statement describing the student's past academic work and reasons for pursuing the degree
- a three-page essay (subject provided in the online application) that assesses the student's knowledge of media theory and critical analysis skills

Please see the program website for application deadlines.

An applicant whose native language is not English (regardless of current residency) will be required to meet the Department of English proficiency requirement: <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>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/250>
LL 542
enggrad@asu.edu
480-965-3194

American Studies, MA (LAAMSTMA)

Online Degree Search Title: American Studies (MA)

Campus: Tempe

Program Description:

An MA program in American studies provides students with an advanced analytic foundation in American culture and society in all its variety and complexity. American studies is constituted by a transdisciplinary inquiry into the cultures, social systems and political thought of the United States. While the array of disciplines contributing to American studies can span the humanities and social sciences, it typically involves historical, literary and media studies approaches. Students in the master's degree program will be trained to expand their understanding of the history of American cultures and social conditions while offering the critical contexts for understanding contemporary America when taken in combination with degrees in business, engineering and law.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (AMS 593).

Required Courses: (3 credit hours)

AMS 502 American Studies: Theory and Methods (3)

Elective or Research Courses: (21 - 24 credit hours)

Students choose 21 credit hours for the thesis option or 24 for the applied project option.

Culminating Experience: (3 or 6 credit hours)

AMS 593 Applied Project (3) or AMS 599 Thesis (6)

Admission Requirements:

Degree: minimum of a bachelor's degree or master's degree in a closely related field from a regionally accredited college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

English Proficiency Requirement: The English proficiency requirements are a TOEFL PBT score of 600, or TOEFL iBT score of 100. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None required.

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/american-studies-ma>
COOR 4482
SHPRSGradinfo@asu.edu
480-965-5778

Animal Behavior, PHD (LAANBPHD)

Online Degree Search Title: Animal Behavior (PhD)

Campus: Tempe

Program Description:

Animal behavior is a graduate degree program that will provide doctorate-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 (e.g., physiology, ecology, evolution), and good research in this area requires diverse but specialized training and skills. This program will unify and coordinate graduate training in both behavioral sciences education and research.

This program complements the ASU transdisciplinary doctoral program in neuroscience and has applied scientific value in areas such as mental and behavioral health in humans and veterinary science. The ecological focus in the program (i.e., behavioral ecology, conservation biology) feeds into valley, state and global issues in ecosystem and resource sustainability.

Degree Requirements: 84 credit hours, a prospectus and a dissertation.

Core requirements: (8)

ANB 601 Research Strategies in Animal Behavior (4)

ANB 602 Current Issues in Animal Behavior (4)

Elective courses: (21)

The department and the student's advisor will determine these courses in conjunction with the student.

Research (43)

Dissertation (12)

Admission Requirements:

All applicants will need to submit the online graduate admission application.

The applicant must fulfill these requirements:

- a baccalaureate degree from a regionally accredited institution in the U.S. or an international equivalent degree
- a minimum GPA of 3.00 (on a 4.00 scale) that was earned in the student's last 60 hours of the bachelor's degree program
- a GRE test score
- proof of English language proficiency*

*A TOEFL is required for an applicant whose native language is not English. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
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 to finding solutions to humankind's greatest challenges.

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 course work, 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 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Undergraduate course work 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.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@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
- 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 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 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 our society today. Students will be 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.

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 course work, 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 degree program.

All students must maintain an average GPA of 3.20 (out of 4.00) 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 will be 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 typically will have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work, with a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Undergraduate course work 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.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@asu.edu
480-965-6215

Anthropology (Urbanism), PHD (LAURBPHD)

Online Degree Search Title: Anthropology (Urbanism) (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
- 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 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 will leverage the varied interests in urbanism and help 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 will be 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 hours of course work, 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 a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in urbanism, 15 credit hours will be selected from an approved list of applicable courses related to urbanism. These courses will 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:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of the applicant's written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Undergraduate course work 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.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@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 program is a full-time, scientifically based, two-year program that meets the Behavior Analyst Certification Board fourth edition task list for course work with more than 270 classroom hours and 1,500 hours of practicum fieldwork. Successful graduates will be able to sit for BACB certification and, once certified, they will be eligible for state-licensure. The program's learning outcomes include mastery across three major areas as identified by the BACB:

- basic behavior-analytic skills
- client-centered responsibilities
- 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 ABA
- training others in the science and practice of ABA
- 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).

Core Courses: (24)

- PSB 501 Basic Principles of Applied Behavior Analysis (ABA) (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 ABA (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 (OBM) (2)
- PSB 573 Advanced Principles of Learning and Analysis of Behavior (3)
- PSB 578 Applied Behavior Analysis in Developmental Disorders (3)

Elective or Research Courses: (4)

- PSB 591 Seminar (2)
- PSB 598 Special Topics (elective) (2)

Culminating Experience: (5)

- PSB 593 Applied Project (5)

Other Requirements: (9)

- PSB 580 Practicum: Applied Behavior Analysis (4)
- PSB 583 Fieldwork: Applied Behavior Analysis (5)

Admission Requirements:

In addition to submitting an online graduate admission application, prospective students must also must provide documentation that meets the following requirements:

- bachelor's degree in psychology, human development, sociology or a closely related field from a regionally accredited college or university in the United States or an equivalent degree from a recognized international postsecondary institution
- a minimum 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 credit hours of the student's bachelor's degree program
- proof of English language proficiency*
- official transcripts from each college or university attended
- GRE scores
- statement of purpose describing professional and academic aspirations
- a current resume or curriculum vitae and at least two letters of recommendation, one of which should be from a tenure-track faculty member associated with the applicant's most recent degree program**

*An applicant whose native language is not English (regardless current residency) must provide proof of English proficiency.

**If the applicant's graduation year is greater than five years from the application date, then a letter from a recent or current employer may be substituted. For example, if the applicant received a bachelor's degree in 2006 and was applying in 2014 then a letter from an employer may be used instead of a letter from a faculty member. No more than four letters of recommendation may be submitted.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Deadline: All application materials, including the online graduate admission application, letters of recommendation and supporting documents, must be received by the deadline. Please see the program website for application deadlines and admission terms. Applications will not be reviewed or considered until complete.

Contact Information:

Liberal Arts & Sciences, College of
Department of Psychology
<https://psychology.clas.asu.edu/master-science-applied-behavior-analysis>
PSY 243
msabapsych@asu.edu
480-727-5024

Applied Linguistics, PHD (EDAPLPHD)

Online Degree Search Title: Applied Linguistics (PhD)

Campus: Tempe

Program Description:

Applied linguistics combines research topics in the linguistics sciences and education to pursue principled approaches to language-related concerns. The applied linguistics PhD program at Arizona State University 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.

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 units of foundation course work.

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.

Foundation Course Work: (18 credit hours)

- Overview of the Field: A three-credit course providing a survey of the field of applied linguistics is required. (3)
- Linguistics: Course work in theoretical linguistics, including one approved linguistics elective, is required. (15)

Teaching Internship: (1 credit hour)

Colloquia: A four-semester sequence of two-credit colloquium meetings is required for students in the first two years. (8 credit hours)

Research Methods: Students must take two courses in research methods, selected in consultation with the advisor. (6 credit hours)

Research Specialization: In consultation with the program director, students take 11 three-credit courses in their field of specialization. (33 credit hours)

Breadth: Two courses in a secondary concentration area are required. (6 credit hours)

Dissertation: (12 credit hours)

An oral defense of the dissertation is required.

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 course work, 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 credits.

Admission Requirements:

Applicants must submit an online graduate admission application.

The application must include:

- academic writing sample that provides good evidence of writing ability
- official GRE scores and transcripts of all undergraduate and graduate course work
- resume or curriculum vitae
- statement of interest outlining career and research goals
- three letters of recommendation addressing the student's academic promise for the program
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Refer to the Department of English webpage for 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>).

Please see the program website for application deadlines.

Students must have completed a bachelor's degree from a regionally accredited institution or university of recognized standing prior to admission into the program. Because applied linguistics is a transdisciplinary field, applicants with prior academic preparation in any field are welcome.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program's website for additional information.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/242>
LL 543B
enggrad@asu.edu
480-965-3194

Applied Mathematics, PHD (LAAPMPHD)

Online Degree Search Title: Applied Mathematics (PhD)

Campus: Tempe

Program Description:

This degree 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 and 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.

The program consists of 84 credit hours that must include:

Five core courses (15)
MAT 591 Seminar (3)
MAT 799 Dissertation (12)

Students must pass a written comprehensive examination and an oral dissertation prospectus. Each student must write a dissertation and defend it orally in front of five dissertation committee members. See the department website for examination information.

Admission Requirements:

Applicants must submit:

- online graduate admission application
- official general GRE scores
- official transcripts
- statement of education and career goals
- three letters of recommendation

Minimum background for consideration of admission to the doctoral program in applied mathematics includes:

- hold a bachelor's in mathematics, applied mathematics, economics, engineering or a natural science from a regionally accredited university with a 3.00 GPA (on a 4.00 scale)
- be competitive in an applicant pool as evidenced by course work 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)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degree-programs/graduate-studies>
WXLR 216
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 applied mathematics for the life and social sciences PhD program focuses on the training of researchers working on scientific questions at the interface of the mathematical, life and social sciences. Graduates of the program will be making 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 conducting high-level, transdisciplinary research. The faculty includes 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 and by research and planning programs at institutions with the mission to address global challenges. 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: more in-depth focus on the tools as applied to the life and social sciences, i.e., on dynamical systems, computational and numerical methods, simulation and mathematical analysis
- life sciences: focus on understanding the tools for representing the structure and operation of complex biological and ecological processes
- social sciences: focus 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 in:

- bioinformatics
- computational sciences
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science fields

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. This leaves 30 credit hours of course work, 12 credit hours of research credit and 12 hours of dissertation credit (54 credit hours total) to be earned post-admission.

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 in the later stage of the doctoral program.

All students must maintain a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

All students are required to complete a sequence of core courses. The core competencies consist of:

- core math skills
- deterministic modeling or computational methods
- math biology
- statistics and probability
- stochastic modeling

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Prior to admission, students should have completed, at a 300 or 400 level, a minimum of the following:

- 15 hours of mathematics or statistics
- nine hours of life sciences and social sciences course work at the senior or college graduate level
- no fewer than three hours each of life sciences and social sciences course work

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.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@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 the training of researchers working on scientific questions at the interface of the mathematical, life and social sciences. Graduates of the program will be making innovative and far-reaching scientific contributions that rely on the cutting-edge computational mathematical and modeling approaches. This degree focuses on producing quantitative scientists and applied mathematicians conducting high-level transdisciplinary research. The program's faculty includes 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 and by research and planning programs at institutions with the mission to address global challenges. Arizona and the nation's health, environmental and natural resource challenges are urgently in need of a large pool of researchers with these transdisciplinary skills.

There are three tracks a student can follow:

- applied mathematics: more in-depth focus on the tools as applied to the life and social sciences, i.e., on dynamical systems, computational and numerical methods, simulation and mathematical analysis

- life sciences: focus on understanding the tools for representing the structure and operation of complex biological and ecological processes
- social sciences: focus 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 in:

- bioinformatics
- computational sciences
- ecology
- genomics
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science fields

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 our society today. Students will be 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.

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 course work, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned post-admission.

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 a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in complex adaptive systems science, six credit hours will be 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 typically will have a member of the complex adaptive system science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work, with a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Prior to admission, students should have completed, at a 300 or 400 level, a minimum of the following:

- 15 credit hours of mathematics or statistics
- nine credit hours of life sciences and social sciences course work at the senior or college graduate level
- no fewer than three credit hours each of life sciences and social sciences course work

A master's degree in the social sciences (e.g., anthropology, sociology, gender studies, geography), life sciences or related fields (e.g., biology,

genomics, ecology), applied mathematics, mathematics or statistics is preferred.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@asu.edu
480-965-6215

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 with a focus in one of two areas:

- area 1: literature, linguistics and culture
- area 2: pedagogy

Area 1 seeks to prepare students for further academic training, for entrance to professional schools in such fields as law, business or journalism, and for a general level of knowledge about the languages and cultures of China as an asset to a professional career. Area 2 is intended for students whose major interest is in teaching modern Chinese in K-16 environments.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (CHI 593).

The plan of study for the master's degree includes a minimum of 30 credit hours of graduate-level work as approved by the candidate's supervisory committee, a thesis or an applied project option. The plan must include a 500-level bibliography and research methods course offered by the department. When approved by the candidate's supervisory committee, nine hours of advanced-level work in another language or in closely related courses may be included in the plan. Students who are primarily interested in teaching at the secondary or community college levels may select a plan of study with a concentrating in language pedagogy.

Admission Requirements:

Students interested in applying to the program must submit an online graduate admission application. Candidates for the master's degree should, upon entrance, present the equivalent of an undergraduate major in the language in which the degree is sought. Those who lack this background, but who show strong potential and meet the Division of Graduate Education 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

See the department website for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/77>
LL 440
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 (Japanese). In addition to preparing some students for further academic training, the program helps to prepare students for jobs relating to Japan (in fields such as law, business or journalism) and for entrance into professional schools.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (JPN 593).

The plan of study for the MA includes a minimum of 30 credit hours of graduate-level work and a thesis, as approved by the candidate's supervisory committee, or 27 credit hours of course work and three credit hours of applied project. The plan must include a 500-level bibliography and research methods course offered by the department. When approved by the candidate's supervisory committee, nine hours of advanced-level work in another language or in closely related courses may be included in the plan.

Students who are primarily interested in teaching at the secondary or community college levels may select a plan of study with an area of study in language pedagogy. Students seeking a master's degree in Asian languages and civilization should consult their Division of Graduate Education representative. In keeping with the idea of in-situ experience as a key ingredient for advanced intellectual understanding, all degree candidates must have spent at least nine continuous months in a Japanese language environment within four years of entering the program.

Admission Requirements:

Students interested in applying to this program must submit an online graduate admission application.

Candidates for the program should, upon entrance, present the equivalent of an undergraduate major in the language in which the degree is sought. Those who lack this background but who show strong potential and meet the Division of Graduate Education 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

See the School of International Letters and Cultures website for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/74>
LL 440
silc@asu.edu
480-965-6281

Asian Studies (certificate), Certificate (LAASIANCE)

Online Degree Search Title: Asian Studies (Grad Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in Asian studies offers graduate students a transdisciplinary specialization in Asian language and area studies. The certificate is available in two tracks:

- East Asia (China, Japan and Korea)
- Southeast Asia (Indonesia, Laos, Thailand and Vietnam)

Degree Requirements: 18 credit hours.

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. The certificate requires completion of 18 credit hours, distributed among the following areas:

Core course requirements (6)*

Electives (6)**

Language proficiency requirement (6)***

A thesis or capstone project on a topic related to the student's region of emphasis and selected in consultation with the student's faculty mentor

*two courses at the 500 level or above dealing with Asian content from a single discipline

**two courses at the 500 level or above dealing with Asian content from a discipline other than that chosen for the core courses

***two courses at the 400 level or above in one Asian language (Chinese, Indonesian, Japanese, Korean, Thai, Vietnamese)

Some of the course work from the discipline in which the student is earning a graduate degree may be used to satisfy these requirements.

Admission Requirements:

Graduate students in any discipline may pursue a certificate in Asian studies in conjunction with their degree programs. This program is also open to students who already hold graduate degrees.

Applicants must submit a online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://car.clas.asu.edu/certificate-programs/>
COOR 6651
car@asu.edu
480-727-3766

Astrophysics, MS (LAASTPHMS)

Online Degree Search Title: Astrophysics (MS)

Campus: Tempe

Program Description:

The program provides fundamental graduate training in astrophysics to prepare candidates for further graduate study or careers in astrophysics, such as:

- scientific staff positions at government laboratories
- teaching at the community college level
- technical positions in industry

Degree Requirements: 30 credit hours and a thesis.

Twenty credit hours are from structured courses. The student, with the approval of the advisor and supervisory committee (formed upon enrollment), selects courses that make up a coherent plan of study. For students in the astrophysics program, course work consists of:

core: (18)

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)

electives or research (3)

other requirements (3)*

GLG 500 Earth and Space Exploration Colloquium (1)

GLG 591 Seminar Topic: Faculty Research Seminar (1)

AST 591 Seminar - Various Topics (1)

culminating experience: (6)

AST 599 Thesis (6)

*These courses are combined with additional work in core fields such as physics or mathematics and provide comprehensive graduate training in the major fields of astrophysics. All students in the School of Earth and Space Exploration are also required to take three one-credit hour seminars.

Students are expected to exhibit mastery of topics in these core fields and may be required by their advisor and committee to include such courses in their plan of study. Specific course requirements may be waived by the advisor and the graduate oversight committee if the student has successfully completed equivalent courses at universities elsewhere. Individual plans of study that include work in related fields may also be designed with advisor approval, subject to the requirements of the Division of Graduate Education.

The master's degree plan of study also includes six credit hours of thesis credit or AST 599. Students must follow the Division of Graduate Education policies and procedures for admission to the program and for fulfilling the requirements of the degree.

Thesis requirements: A thesis based on observational, theoretical, laboratory or literature research in astrophysics is required.

Final Examination: A final oral examination in defense of the thesis is required.

Admission Requirements:

Applicants must submit all materials electronically through the online graduate admission application. In addition to the materials required by the Division of Graduate Education, students applying for admission to the master's degree program in astrophysics must submit:

- scores on the general GRE
- scores on the physics GRE
- statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-grad@asu.edu
480-965-5081

Astrophysics, PHD (LAASPHPHD)

Online Degree Search Title: Astrophysics (PhD)

Campus: Tempe

Program Description:

The PhD in astrophysics program is designed to develop creative scholarship and prepare students for professional careers in astrophysics, astronomy or related fields.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students may be admitted into the program with a bachelor's degree or master's degree in a related field. Up to 30 credit hours of master's degree-level work in a related field can be accepted toward the fulfillment of the doctoral requirements.

The plan of study for the doctorate program will be selected with the recommendation of the student's supervisory committee. Each plan of study must include 12 credit hours of dissertation and a minimum of 25 hours of course work. For students in the astrophysics program, required course work includes:

- 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)

These courses are combined with additional work in core fields such as physics or mathematics and provide comprehensive graduate training in the major fields of astrophysics. All students in the School of Earth and Space Exploration are also required to take two one-credit seminars:

GLG 500 SESE Colloquium (1)

GLG 591 Faculty Research Seminar (1)

Specific course requirements may be waived by the advisor and the graduate oversight committee if the student has successfully completed equivalent courses at universities elsewhere. Individual plans of study that include work in related fields may also be designated with advisor approval, subject to the requirements of the Division of Graduate Education.

Comprehensive examination: The student's supervisory committee will determine the content of the comprehensive examination, consisting of a written and an oral examination.

Dissertation requirements: A dissertation is required, which is based on original work demonstrating creativity in research and scholarly proficiency in the subject area.

Final examination: A final oral examination in defense of the dissertation is required.

Admission Requirements:

Applicants must submit all materials electronically through the online graduate admission application.

In addition to the materials required by the Division of Graduate Education, students applying to the doctoral program in astrophysics must submit:

- scores on the general GRE
- scores on the GRE physics subject test
- statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-grad@asu.edu
480-965-5081

Atmospheric Science (certificate), Certificate (LAATMOSCE)

Online Degree Search Title: Atmospheric Science (Grad Certificate)

Campus: Tempe

Program Description:

The transdisciplinary certificate program 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 will be required in order to qualify for the atmospheric science certificate, consisting of:

- three three-credit-hour courses from a list of courses in the core disciplines (9)
- two three-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 will have their certificate program approved by the certificate executive committee. Certificates will only be 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:

To apply to a graduate program, the applicant must complete the online graduate admission application and meet all other requirements, including those with regard to English proficiency (for applicants whose native language is not English, regardless of current residency), to be admitted to graduate study at ASU.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.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 will 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 in biochemistry in the School of Molecular Sciences 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.

Please visit our prospective student page, <https://sms.asu.edu/admission/graduate-admission> (<https://sms.asu.edu/admission/graduate-admission>), to learn more about our program. Please visit our faculty research page at <https://sms.asu.edu/research/research-areas> (<https://sms.asu.edu/research/research-areas>), to see the cutting-edge research being conducted in the school. The master's degree in biochemistry prepares students for professional careers in industry, government and academia.

Degree Requirements: 30 credit hours and a thesis.

The program consists of course work 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 or better. A total of 30 credit hours must be completed for the plan of study and includes:

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)

Total: 30 credit hours

A program fee in the amount of \$300 per semester is required in addition to the normal tuition costs.

Admission Requirements:

All applicants must submit an online graduate admission application and meet the requirements set by the Division of Graduate Education, which can be found on the division website. The School of Molecular Sciences requires official GRE scores be sent directly to Graduate Admission Services by the Educational Testing Service. The subject test is not required but may be submitted to support the applicant's academic record.

In addition to the admission application, applicants must complete an online departmental supplemental application. Information on the supplemental application can be found on the school website: <https://sms.asu.edu/admission/graduate-admissions/how-apply>

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 102
smsgad@asu.edu
480-965-4664

Biochemistry, PHD (LABIOCHPHD)

Online Degree Search Title: Biochemistry (PhD)

Campus: Tempe

Program Description:

Students earning a PhD degree in biochemistry in the School of Molecular Sciences are fully trained in all fundamental aspects of the discipline, but most will 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 doctorate program in biochemistry in 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.

Please visit the prospective student page, <https://sms.asu.edu/admission/graduate-admission>, to learn more about this PhD program. Please visit the faculty research page, <https://sms.asu.edu/research/research-areas>, to learn more about the cutting-edge, transdisciplinary research being conducted in the school. 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.

The program consists of course work 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 or better. The 84 credit hours that must be completed for the plan of study includes:

Six graduate-level courses (12-18)
Enrollment in a BCH 501/CHM 501 seminar each semester (8)
BCH 792 Research (46-52)
BCH 799 Dissertation (12)

Admission Requirements:

All applicants must submit an online graduate admission application and must meet the requirements set by the Division of Graduate Education, which can be found on the division website. The School of Molecular Sciences requires official GRE scores be sent directly to Graduate Admission Services by the Educational Testing Service. The subject test is not required but may be submitted to support the applicant's academic record.

In addition to the admission application, applicants must complete an online departmental supplemental application. Information on the supplemental application can be found on the school website: <https://sms.asu.edu/admission/graduate-admissions/how-apply> (<https://sms.asu.edu/admission/graduate-admissions/how-apply>).

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 102
smsgard@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, medical school or a related field and want to expand their background knowledge in biochemistry before beginning their professional education.

Degree Requirements: 30 credit hours including the required applied project (research paper) course (CHM 593 or BCH 593).

A minimum of 30 credit hours, including course work, seminars, research and an applied project consisting of a written research paper are required. Courses are selected by students in consultation with their supervisory committee based on the research area. The MS in biochemistry is awarded when the student has obtained a minimum cumulative GPA of 3.00 in course work, 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 Division of Graduate Education.

A program fee in the amount of \$300 per semester is required in addition to the normal tuition.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Biochemistry, BS
- Biochemistry (Medicinal Chemistry), BS
- Chemistry, BS
- Molecular Biosciences and Biotechnology, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

All students applying for admission to the program must meet the requirements set by the Division of Graduate Education and submit an online graduate admission application. Applicants must have:

- completed a bachelor's degree in chemistry, biochemistry or a related area from a regionally accredited institution
- a cumulative GPA of 3.40 (on a 4.00 scale) or better in the student's bachelor's degree
- original scores for the GRE*

*The subject test is not required.

An application to the School of Molecular Sciences includes completion of the electronic supplemental application providing information on:

- test scores
- a personal statement
- contact information for three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<http://sms.asu.edu>
PSD 102
smsgard@asu.edu
480-965-4664

Biology, MS (LABIOMS)

Online Degree Search Title: Biology (MS)

Campus: Tempe

Program Description:

This program is designed to prepare students for careers in teaching and research in educational, medical, industrial and governmental institutions.

Degree Requirements: 30 credit hours and a thesis.

Each student's plan is prepared in consultation with the supervisory committee, consisting of a professor in the major and two additional faculty members. A typical plan of study consists of:

- eight to 14 credit hours of research credit
- nine to 15 hours of course work and additional seminars
- one credit hour of seminar
- six credit hours of thesis

The remainder of the plan of study usually consists of a mixture of course work, readings, conferences and seminars in the student's primary and related fields, and research credits.

Courses and research credits can be distributed in any combination appropriate to the student's individual educational goals. A final oral examination covering the thesis and related subject matter is administered by the supervisory committee.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Biological Sciences, BS
- Biological Sciences (Biology and Society), 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

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission criteria are as follows:

- applicants should have completed the requirements for an undergraduate major in biology or related discipline
- minimum GPA of 3.00 (on a 4.00 scale) during the student's last two years or last 60 credit hours
- minimum GRE scores in verbal (50th percentile), quantitative (70th percentile) and writing (5)
- Test of English as a Foreign Language (TOEFL) score of 600 (paper-based) or 100 (Internet-based) is required for applicants whose native language is not English*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
LSA 181
sols.grad@asu.edu
480-965-1768

Biology, PHD (LABIOPHD)

Online Degree Search Title: Biology (PhD)

Campus: Tempe

Program Description:

The PhD in biology program allows the student to acquire high research competency in one or more specialized areas while receiving a broad, solid grounding in biological sciences.

Degree Requirements: 84 credit hours, a oral comprehensive exam, a prospectus and a dissertation.

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 four additional faculty members.

- Eighty-four credit hours are required.
- 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.
- Twelve credit hours of dissertation are required.*

*The remaining credit hours are comprised of course work showing breadth in biology subdisciplines, seminars and research.

Admission Requirements:

Applicants must submit an online graduate application.

Admission criteria are as follows:

- a 3.00 minimum GPA (scale is 4.00 = "A") during the student's last two years or last 60 credit hours
- undergraduate requirements met for a major in biology, or related discipline, with an adequate background in related courses in chemistry, mathematical and physical sciences
- minimum GRE scores in verbal (50th percentile), quantitative (70th percentile) and writing (5)
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency in the form of Test of English as a Foreign Language (TOEFL) scores of at least 600 for paper-based or 100 for Internet-based.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
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:

With the biology and society concentration under the MS in biology degree program, students may choose a formal track in the areas where biology intersects with society. There are three focus areas:

- bioethics, policy and law
- ecology, economics and ethics of the environment
- history and philosophy of science

The bioethics, policy and law track trains students in the pressing moral, policy and legal issues raised by the biosciences and biomedicine and in the disciplinary methods necessary to address these issues. Ecology, economics and ethics of the environment trains students in the theory and empirical methods for understanding, analyzing and shaping policy for coupled human-natural systems. The history and philosophy of science track trains students in the conceptual foundations of science, especially the epistemological and methodological assumptions that shape science and its progress.

The program is richly transdisciplinary, drawing from the following and other disciplines to develop skills for analyzing and addressing the problems where biology intersects with society:

- anthropology
- bioethics
- biology
- ecology
- economics
- environmental ethics
- environmental studies
- ethics
- history
- history and philosophy of science
- justice studies
- law
- modeling
- nursing
- philosophy
- political science
- religious studies

The concentration tailors individual plans of study to individual needs and interests, with a solid grounding in life and related sciences and with rigorous analytical and transdisciplinary education. The three tracks offer suggested courses for those wishing to focus on these areas.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours, a written and oral exam.

An individual student plan is developed in consultation with the student's advisor and committee.

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Biological Sciences, BS
- Biological Sciences (Biology and Society), BS
- Biological Sciences (Conservation Biology and Ecology), BS
- Biological Sciences (Genetics, Cell and Developmental Biology), BS
- Biological Sciences (Neurobiology, Physiology and Behavior), BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students must submit an online graduate admission application. The program also requires a bachelor's degree, a "B" (3.00 on a 4.00 scale) GPA in the last 60 semester hours or 90 quarter hours of undergraduate course work, and scores from the GRE general exam.

Entering 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. A TOEFL score is required for applicants whose native language is not English.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
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:

Within the biology and society degree programs, students may choose a formal concentration in the areas where biology intersects with society. There are three tracks:

- bioethics, policy and law
- ecology, economics and ethics of the environment
- history and philosophy of science

The bioethics, policy and law track trains students in the pressing moral, policy and legal issues raised by the biosciences and biomedicine and in the disciplinary methods necessary to address these issues.

The history and philosophy of science track trains students in the conceptual foundations of science, including especially the epistemological and methodological assumptions that shape science and its progress.

Ecology, economics and ethics of the environment trains students in the theory and empirical methods for understanding, analyzing and shaping policy for coupled human-natural systems.

The program is richly transdisciplinary, drawing from the following and other disciplines to develop skills for analyzing and addressing the problems where biology intersects with society:

- anthropology
- bioethics
- biology
- ecology
- economics
- environmental ethics
- environmental studies
- ethics
- history
- history and philosophy of science
- justice studies
- law
- modeling
- nursing
- philosophy
- political science
- religious studies

The concentration tailors individual plans of study to individual needs and interests, with a solid grounding in life and related sciences and with rigorous analytical and transdisciplinary education. The three tracks offer suggested courses for those wishing to focus on these areas.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

84 credit hours

written and oral comprehensive exams

prospectus

dissertation

An individual student program is developed in consultation with the student's advisor and committee.

Admission Requirements:

Students must submit an online graduate admission application. The program also requires a bachelor's degree, a "B" GPA (3.00 on a 4.00 scale) in the last 60 semester hours or 90 quarter hours of undergraduate course work and scores from the GRE general exam.

Entering 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 of competency in the sciences may be considered for conditional admission to the biology and society concentration.

A TOEFL score is required for an applicant whose native language is not English (regardless of current residency).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
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 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 our society today. Students will be 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 will have a member of the complex adaptive systems science graduate faculty as a member of the doctoral supervisory committee.

Admission Requirements: • Applicants must submit the online graduate admission application.

- Applicants must have the minimum of a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university.
- 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 will be reviewed by members of the graduate faculty who will make final admission recommendations to the Division of Graduate Education.
- Applicants must have the minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of their bachelor's degree program.
- The Test of English as a Foreign Language (TOEFL) is required for applicants whose native language is not English, regardless of current residency; see <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/graduate/complex-adaptive-systems-science>
LSA 181
sols.grad@asu.edu
480-965-1768

Biomimicry, MS (LABMYMS)

Online Degree Search Title: Biomimicry (MS)

Campus: Online

Program Description:

ASU, in conjunction with Biomimicry 3.8, has developed a master's degree program designed to empower change agents passionate about a world mentored by life's genius. Graduates work toward innovative and sustainable solutions to the most pressing global challenges, from the way we conduct business, design buildings and products, run governments, provide health care and manufacture our goods to how we educate future generations, drawing upon time-tested sustainable solutions of the last 3.8 billion years. The MS in biomimicry is designed to prepare students to facilitate the practice of biomimicry across corporate, government, education and nongovernment organization sectors. Through the combination of online learning and a portfolio culminating experience, students will gain biomimicry experience in biome-based applications, business case studies, biological strategy research and a self-designed biomimicry project in one's chosen career field.

Degree Requirements: 30 credit hours and a portfolio.

Required Core Courses: (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)

Elective or Research Courses: (11 credit hours)

BMY 511 Biomimicry and Design (3)

BMY 512 Biomimicry and Engineering (3)

BMY 516 Biomimicry and Business (3)

BMY 517 Human-Nature Connection (2)

BMY 598 ST:iSites (1)

BMY 598 Topic: Communicating Biomimicry (1)

BMY 598 Topic: Facilitating Biomimicry (1)

BMY 598 Topic: Teaching Biomimicry (1)

Culminating Experience: Portfolio

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)

Admission Requirements:

Degree: A minimum of a bachelor's degree or master's degree or equivalent in the fields of biology, design, business, engineering or sustainability, or a closely related field (e.g., health care, communications) from a regionally accredited college or university (or equivalent organization) is required.

GPA: Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A"), or equivalent, in the last 60 hours of a student's first bachelor's degree program.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-science-biomimicry?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
LSA 181
sols.grad@asu.edu
480-965-1768

Biomimicry (Certificate), Certificate (LABMYGRCT)

Online Degree Search Title: Biomimicry (Grad Certificate)

Campus: Online

Program Description:

The graduate certificate program in biomimicry, the practice of emulating nature's strategies for human designs, is offered at ASU in conjunction with Biomimicry 3.8. 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. Participants will have the opportunity, through dedicated time and mentorship from instructors, to explore the application of these core fundamentals in their own discipline, field or area of interest during the biomimicry virtual design lab. Graduates will have the ability to work toward innovative and sustainable solutions within their discipline, drawing upon time-tested sustainable solutions of the last 3.8 billion years.

Degree Requirements: 15 credit hours and a practicum.

Required Courses: (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)

Elective or Research Courses: None required.

Culminating Experience: (2 credit hours)

BMY 530 Biomimicry Virtual Design Lab Practicum (2)

Total required credit hours: 15

Admission Requirements:

Applicants must complete an online graduate admission application

Degree: This is a stand-alone certificate, open to any graduate or nondegree graduate student as well as working professionals who hold a bachelor's degree or equivalent. Students interested in this certificate can come from a wide range of interest areas, such as sustainability, life sciences, engineering, design, architecture and business. Additionally, Biomimicry 3.8 has attracted a large pool of professionals globally interested in online graduate training from the disciplines above, as well as many more.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program or equivalent is required.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biomimicry?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences
<https://sols.asu.edu>
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, environmental or geochemistry, but most will 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 in the School of Molecular Sciences provides students with the training they need to solve molecular scale problems and to contribute to research in current challenging societal issues.

Please visit the prospective student page, <https://sms.asu.edu/admission/graduate-admission> (<https://sms.asu.edu/admission/graduate-admission>), to learn more about this MS program. Please visit the faculty research page, <https://sms.asu.edu/research/research-areas>, to learn more about the cutting-edge, transdisciplinary research being conducted in the school. The Master of Science degree program in chemistry prepares students for professional careers in industry, government and academia.

Degree Requirements: 30 credit hours and a thesis.

The program consists of course work 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 or better. The 30 credit hours that must be completed for the plan of study includes:

- 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 courses (8)
- CHM 599 Thesis (6)

Admission Requirements:

All applicants must submit an online graduate admission application and must meet the requirements set by the Division of Graduate Education, which can be found on the Division of Graduate Education website. The School of Molecular Sciences requires official GRE scores be sent directly to Graduate Admission Services by the Educational Testing Service. The subject test is not required but may be submitted to support the applicant's academic record.

In addition to the graduate admission application, applicants must complete an online departmental supplemental application. Information on the supplemental application can be found on the school website: <https://sms.asu.edu/admission/graduate-admissions/how-apply> (<https://sms.asu.edu/admission/graduate-admissions/how-apply>).

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 102

smsggrad@asu.edu
480-965-4664

Chemistry, PHD (LACHEMPHD)

Online Degree Search Title: Chemistry (PhD)

Campus: Tempe

Program Description:

Students earning a PhD degree in chemistry in the School of Molecular Sciences are trained in the foundation disciplines of analytical, organic, physical, inorganic, environmental or geochemistry, but most will 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 doctorate degree 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.

Please visit the prospective student page, <https://sms.asu.edu/admission/graduate-admission> (<https://sms.asu.edu/admission/graduate-admission>), to learn more about this PhD program. Please visit the faculty research page, <https://sms.asu.edu/research/research-areas> (<https://sms.asu.edu/research/research-areas>), 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.

The program consists of course work 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 or better. The 84 credit hours that must be completed for the plan of study includes:

six graduate-level courses (12-18)
enrollment in a BCH 501 or CHM 501 seminar each semester (8)
CHM 792 Research (46-52)
CHM 799 Dissertation (12)

Admission Requirements:

All applicants must submit an online graduate admission application and must meet the requirements set by the Division of Graduate Education, which can be found on the division website. The School of Molecular Sciences requires official GRE scores be sent directly to Graduate Admission Services by the Educational Testing Service. The subject test is not required but may be submitted to support the applicant's academic record.

In addition to the graduate admission application, applicants for the chemistry doctoral program must complete an online departmental supplemental application. Information on the supplemental application can be found on the school website:

<https://sms.asu.edu/admission/graduate-admissions/how-apply>

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 102
smsggrad@asu.edu
480-965-4664

Communication, PHD (LACOMMOPHD)

Online Degree Search Title: Communication (PhD)

Campus: Tempe

Program Description:

The graduate faculty members of communication offer a transdisciplinary graduate program leading to the PhD in communication. Concentrations are available in interpersonal, intercultural and organizational communication. This program also provides course work and resources in rhetoric and performance studies.

The program is housed in the Hugh Downs School of Human Communication and is designed to prepare scholars for research-oriented careers in universities and in the public or private sectors. Students are provided training in communication theory, research methodology and a specialization in one or more areas of concentration. The goal of the program is to meet the needs of students whose interests transcend traditional disciplinary boundaries.

Degree Requirements: 96 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The PhD requires a minimum of 66 hours beyond an appropriate master's degree.

Course work for a typical plan of study is distributed as follows:

required core courses (6)

area of concentration (36)

COM 792 Research (12)

COM 799 Dissertation (12)

Students are required to demonstrate proficiency in research methods (statistics, computer languages, content analysis methods, interviewing, participant observation, etc.) which, in the judgment of the supervisory committee, is needed for the student's dissertation research.

Students are required to take three credit hours of COM 792 Prospectus/Dissertation Practicum and three credit hours of COM 792 Seminar Assistant.

Students must take at least one of the three advanced methods courses:

COM 607 Contemporary Rhetorical Methods (3)

COM 608 Multivariate Statistical Analysis of Data in Communication (3)

COM 609 Advanced Qualitative Research Methods (3)

The required theory course is COM 604 Theory Construction in Communication (3).

Two transdisciplinary theory and methodology courses are required of all students in the program.

Admission Requirements:

Applicants must submit:

- an online graduate admission application
- GRE scores
- official transcripts
- resume or curriculum vitae
- statement of goals
- Test of English as a Foreign Language (TOEFL) scores, if applicable*
- three letters of recommendation
- writing sample

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please visit the Hugh Downs School of Human Communication website for details.

Applications must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

Hugh Downs School of Human Communication
https://humancommunication.clas.asu.edu
STAUF A412
PHDCOM@asu.edu
480-965-5096

Computer-Assisted Language Learning (Certificate), Certificate (LACALLGRCT)

Online Degree Search Title: Computer-Assisted Language Learning (Grad 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 that provides the practical, hands-on skills needed to create and evaluate learning and teaching materials with new computer-based technologies. The certificate program teaches students how to use technology effectively to facilitate instructed second language acquisition and how to develop, manage and maintain a cutting-edge language computing facility. It also provides students with a solid theoretical and pedagogical framework for the integration of technology into the foreign language curriculum and provide them with the tools necessary to teach language courses either in a hybrid and distance-learning environment.

Degree Requirements: 15 credit hours including a capstone course (ENG 597).

core courses (9)

ENG 557 Computer-Assisted Language Learning (3)

LIN 520 Second Language Acquisition Theories (3) OR SLC 515 Second Language Acquisition (3)

SLC 510 Computer-Assisted Language Learning Praxis (3)

electives (3)

culminating experience: three credit hours of Capstone course ENG 597

Admission Requirements:

Upon submitting a completed official graduate admission application to the certificate program, the directors will review qualified students for admission. Official notification of acceptance will come from Graduate Admission Services.

Applicants who meet the following requirements are eligible to apply.

- Bachelor's degree conferred from a U.S. accredited institution or equivalent; major or minor in foreign language study, English, or English Education.
- Students may apply for admission to the certificate program once they have been accepted into a graduate degree program in the School of International Letters and Cultures (SILC) or other school or department at ASU.
- Minimum of a 3.00 cumulative GPA (scale is 4.0 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in an applicable Master's degree program.
- Have an undergraduate major in the language they will teach or be native speakers of the language they will teach, or have a minor or ASU minor equivalency as determined by SILC policies (18 upper-division credit hours, including at least three credit hours from the 400 level in their undergraduate program).*
- Completed an introduction to linguistics or applied linguistics course (to be verified by the certificate directors. Does not count toward the 15 credit hours required for the certificate)
- Completed a language teaching methods course (to be verified by the certificate directors. This course also may be taken at ASU prior to completion of the certificate program. Course does not count towards the 15 credit hours required for the certificate).

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- proof of English proficiency**
- personal statement
- resume or curriculum vitae
- two letters of reference

*Current graduate student applicants who do not meet the language requirements must be enrolled in either a foreign language graduate program, the Teaching English to Speakers of Other Languages (MTESOL) program, an Applied Linguistics graduate program or a closely related field (as determined by the directors). A teaching certification is not required as this certificate is open to all graduate students with an interest in computer-assisted language learning and meet the admission requirements.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of International Letters and Cultures
<https://silc.asu.edu/>
 LL 62A
 silc@asu.edu
 480-965-6281

Creative Writing, MFA (LACWRITMFA)

Online Degree Search Title: Creative Writing (MFA)

Campus: Tempe

Program Description:

The ASU MFA in creative writing has always been an unwaveringly student-first program. Through small classes, intimate workshops and practicum, or one-to-one mentoring, the centuries-old apprenticeship model thrives within the New American University. Poets and fiction writers work with an outstanding faculty that has published more than 80 books and has garnered national and international attention through awards including:

- Guggenheim and NEA fellowships
- Pulitzer Prize
- two Medals of Achievement from the National Society of Arts and Letters
- Walt Whitman Award from the Academy of American Poets
- Western States Book Award

The creative writing program at ASU has been consistently able to offer Master of Fine Arts students among the best funding packages in the nation through teaching and research assistantships, which are renewable for each of the program's three years. Additionally, in concert with the writing program, the Virginia G. Piper Center for Creative Writing offers a variety of graduate assistantships, international writing and teaching scholarships, and thesis fellowships to continuing students.

Degree Requirements: 48 credit hours, a practicum and a written comprehensive exam, or 48 credit hours, a practicum and an applied project (ENG 593).

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 practicum and a written comprehensive exam or a practicum and an applied project are required.

Admission Requirements:

Applicants should have an undergraduate major in English or creative writing, with a GPA of 3.00 or above (on a 4.00 scale); however, exceptional students who do not have either of these undergraduate majors may be admitted on the basis of writing excellence.

Please see the program website for application deadlines and admission terms.

The application process requires a combination of the following:

- mailing hard copies of letters and creative manuscripts directly to the Creative Writing Office
- mailing hard copies of academic transcripts directly to Graduate Admission Services
- submitting application materials online through the Graduate Admission Services website

REQUIRED HARD COPY MATERIALS

Applicants must submit three copies of the creative manuscript (up to 20 pages of poetry, or up to 30 pages of prose) and three letters of recommendation (one copy of each letter from three recommenders) directly to:

Creative Writing Program
ASU Department of English
PO Box 870302
Tempe, AZ 85287-0302

- Applicants must have their university transcripts mailed directly to Graduate Admission Services.

REQUIRED ONLINE MATERIALS

Online materials are submitted through Graduate Admission Services website. Required materials to be submitted include:

- online graduate admission application
- application fee
- personal statement including your writing background, intended area of specialization, a brief self-evaluation of recent work, and goals
- resume or curriculum vitae
- teaching assistant application and statement of teaching philosophy (<https://english.clas.asu.edu/admission/graduate-admission/teaching-assistantships>)
- academic writing sample (for TA application)
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Refer to the Department of English webpage for 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>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/246>
LL 172C
enggrad@asu.edu
480-727-9130

Critical Theory (certificate), Certificate (LACRTGRCT)

Online Degree Search Title: Critical Theory (Grad Certificate)

Campus: Tempe, West

Program Description:

The certificate in critical theory provides students with historical and thematic approaches to critical theory and promotes the skills required for the interpretation and production of concepts based in continental philosophy and used broadly in the arts, humanities and social sciences. Students learn about key thinkers and movements in critical theory which offer the tools for creating a critical engagement with society and culture, for interpreting social and cultural objects and texts, and for the production of new theoretical ideas. This transdisciplinary certificate provides opportunities to study theoretical approaches as applied across a wide range of arts, humanities and social science disciplines.

Degree Requirements: 15 credit hours and a Portfolio.

Required Courses: (3 credit hours)

ENG 502 Contemporary Critical Theories (3)

Electives (12 credit hours)

Culminating Experience: Portfolio submission

Admission Requirements:

The graduate certificate in critical theory is available to all ASU graduate students irrespective of their major and 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. A maximum of nine graduate-level credit hours taken as a nondegree student at ASU, including as a part of a certificate program, may be used toward a future graduate degree at ASU. Students can use a maximum of six graduate credit hours from outside of ASU as preadmission credits. Each course that is not from ASU must be at least at the 400 level and will be reviewed and approved by the certificate advisors prior to inclusion on the student's plan of study.

Admission requirements for obtaining the graduate certificate include:

- completion of an undergraduate bachelor's degree from a U.S.-accredited institution or equivalent
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program; if entering with a master's degree, a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program
- any course in critical theory or related field taken 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)*

Once students have submitted the online application, they need to email unofficial transcripts, statement of purpose and resume to the graduate program manager in the Department of English at enggrad@asu.edu (mailto:enggrad@asu.edu) with this subject line: Critical Theory Certificate Application.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. This can be done in one of three ways:

- one of the following results on a standardized English proficiency test: (a) 100 (iBT) or 600 (PBT) or higher on the TOEFL; (b) 7.0 or higher on the IELTS
- a grade of "A" in all Advanced 2 classes in the ASU American English and Culture Program: <https://learnenglish.asu.edu/> (<https://learnenglish.asu.edu/>)

one of the following from a regionally accredited college or university in the U.S.:

- a bachelor's degree or higher
- at least 90 semester hours of undergraduate course work with a cumulative GPA of 3.00 or higher on a 4.00 scale
- at least 12 semester hours of graduate course work with a cumulative GPA of 3.00 or higher on a 4.00 scale

*Note that ENG 502 is a core course for the certificate. It may be taken prior to the certificate (and credit given for having taken the class) or it may be taken once the student is admitted into the certificate program. It is not required as a prerequisite for entry into the certificate program.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/249>
LL 543B
enggrad@asu.edu
480-965-3194

Digital Humanities (Certificate), Certificate (LACDHGRCT)

Online Degree Search Title: Digital Humanities (Grad 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. Although the certificate program is specifically designed to provide graduate students in the humanities and arts, social sciences, and computer sciences with cross training in transdisciplinary collaboration, project-based communication skills, critical theory and the simultaneous application of quantitative and qualitative problem solving skills, the program is open to students from all backgrounds. 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).

Core (3)

CDH 501 Digital Humanities: Critical Theory and Methods (3)

Electives (6)

Other Requirement:

(3) credit hours of CDH 580 Digital Humanities Lab

Culminating Experience:

(3) credit hours of CDH 593 Applied Project

Total number of credit hours required for the certificate: 15

Admission Requirements:

Admission is open to all ASU graduate students enrolled in an existing program and in good standing. Students will be 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 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.

Applicants who meet the following requirements are eligible to apply..

- A bachelor's degree in any field, including, but not limited to: English, foreign language and culture degrees, history, media studies, computer science, media and production engineering degrees, etc. Students who are interested in transdisciplinary work are particularly well-suited for this certificate program.
- Minimum of a 3.00 cumulative GPA (scale is 4.0 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in the applicable master's degree program.

Applicants are required to submit:.

- online graduate admission application and application fee
- official transcripts
- proof of English proficiency*

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

- a grade of "A" (scale is 4.00 = "A") in all advanced ASU Global Launch Intensive English courses
- 100 IBT and 600 paper-based TOEFL
- 7.0 or higher on the IELTS

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/certificate/digital-humanities-grad-certificate>
COOR 4482
SHPRSGradInfo@asu.edu
480-965-9092

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 and Japan. Students may focus on:

- comparative cultural studies
- cultural history or linguistics
- literary criticism
- literature
- thoughts

In every case, students will be expected to acquire a solid grounding in the classical and modern versions in the primary language of their area.

Degree Requirements: 84 credit hours, two foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The program requires a minimum of 84 credit hours, of which 30 credit hours from an earned master's degree program that is directly relevant to the doctoral program may be counted toward that requirement. However, a minimum of 30 credit hours of course work and 24 credit hours of research are required beyond the master's degree level. If a student already has a master's degree, it will not be necessary to complete the existing School of International Letters and Cultures master's degree program in Asian languages and civilizations. However, the student will be required to satisfy all course requirements for the master's degree.

All students, whether in Chinese or Japanese, must comply with the following requirements:

- complete a minimum of six courses selected from advanced courses in literature, religions or intellectual history
- complete five seminars
- complete SLC 500 Theory and Methodology in East Asian Literature and Culture
- complete 12 core requirements
- submit a dissertation and pass an oral defense of that dissertation
- demonstrate reading knowledge of a second pertinent Asian language and one pertinent European language, aside from English
- pass written and oral comprehensive examinations in four fields, three of which must be selected from areas that are well-represented within the East Asian languages and civilizations doctoral graduate curriculum

Admission Requirements:

Applicants who hold a bachelor's degree from a regionally accredited institution in a related field are eligible to apply to the program. The following entry-level competencies are needed for admission to the program.

Chinese concentration:

completion of at least three years of modern Chinese and one year of classical Chinese

Japanese concentration:

completion of at least three years of modern Japanese and one semester of classical Japanese

All applicants are required to submit the following items:

- an online graduate admission application
- a statement of career and educational goals
- official GRE scores
- official transcripts of all undergraduate and graduate course work
- three letters of recommendation (two of which should be academic recommendations)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Regular admission may be granted to applicants who have achieved a GPA of 3.30 (on a 4.00 scale) or better in the last two years of work leading to the bachelor's degree and who are competitive in the applicant pool, as evidenced by GRE scores (verbal, quantitative and analytical), the statement of career and educational goals and the letters of recommendation.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

See the department website for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/76>
LL 440
silc@asu.edu
480-965-2715

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 three 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.
- Literature students develop and hone skills in oral presentation, writing and critical thinking while exploring social, historical and cultural contexts.
- The writing, rhetorics and literacies program offers a wide array of courses encompassing the history, theory and practice of rhetoric and pedagogy of writing.

The master's degree in English provides a selection of courses from across disciplinary areas of study. Students will learn how to articulate and translate complex cultural, historical, literary and artistic ideas into accessible material for a general audience. The degree prepares students to be scholars, writers and editors and to work in a variety of professions, including government, public humanities, libraries, museums, advertising, fundraising and public relations.

Degree Requirements: 30 credit hours including the required applied project course (LIN 593 or ENG 593) and a foreign language exam, or 30 credit hours, a thesis and a foreign language exam.

A student may pursue a track in comparative literature, literature, or writing, rhetorics and literacies. All tracks have a foreign language requirement.

For the track in comparative literature, course work must include:

- one course in comparative literary and cultural studies
- one course in criticism and theory
- one course in theory and problems of translation
- four courses in a language other than English
- two courses in concepts and methodology (one of which must be bibliographical methods)

Thesis Option: 24 hours of course work and six hours of thesis

Nonthesis Option: 27 credit hours of course work and three credit hours of applied project

For the track in literature, course work must include:

- one course in literary theory
- ENG 501 Approaches to Research
- a distribution requirement
- two courses selected must be graduate seminars at the 600 level

Thesis Option: 24 credit hours of course work and six credit hours of thesis

Nonthesis Option: 27 hours of course work and three hours of applied project

For the track in writing, rhetorics, and literacies, course work must include:

- one course in composition theory
- one course in rhetoric theory
- ENG 501 Approaches to Research
- 15 elective course work hours, which must include six credit hours of graduate seminars at the 600 level

Thesis Option: 24 credit hours of course work and six credit hours of thesis

Nonthesis Option: 27 credit hours of course work and three credit hours of applied project

Admission Requirements:

Applicants must submit an online graduate admission application.

Please see the program website for application deadlines.

Applicants for the master's degree in English program 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. Applicants must also submit:

- an academic writing sample relevant to the field
- GRE general test scores
- resume
- statement of purpose
- three letters of recommendation
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

<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>)

Applicants for the master's degree in English program with a track in writing, rhetorics and literacies may have undergraduate majors in fields such as, but not limited to:

- anthropology
- cognitive science
- communication
- comparative languages and literatures
- education
- English literature
- history
- law
- modern languages
- philosophy
- political science
- psychology
- religion
- rhetoric or composition
- sociology
- speech and hearing science

Students should consult with an advisor to determine whether their preparation is deficient in any area.

Applicants must also submit:

- resume
- statement of purpose
- three letters of recommendation

Applicants for the writing, rhetorics, and literacies track must also submit an academic writing sample relevant to the field and GRE general test scores.

Applicants for the master's degree in English program with a track in comparative literature must prove fluency in a foreign language to a level sufficient for graduate study. Other documents required include:

- academic writing sample relevant to the field
- statement of purpose
- three letters of recommendation

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-arts-english?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/>
LL 543B
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 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. 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 course work in other subdisciplines within the Department of English (such as rhetoric and composition, applied linguistics and literature) and course work in the ASU Mary Lou Fulton Teachers College (such as literacy and educational research methodology). The program 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 course work includes:

ENG 501 Approaches to Research (3)
foundational distribution (12)*
advanced studies distribution (12)
internships (9)
specialization (6)**
dissertation (12)

*Students must take 12 credit hours at the 500 level, selected from a list of approved courses in education, English, linguistics and applied linguistics.

**Students must take at least two courses in the area of specialization.

Admission Requirements:

A bachelor's degree from a regionally accredited college or university recognized by ASU is required.

Undergraduate and Graduate Majors: 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.

Please see the program website for application deadlines.

Candidates must submit the following:

- online graduate admission application: <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>)
- one- to two-page statement of interest explaining the student's interest in the program and how the student's background and preparation led to his or her specific career and research goal
- academic writing sample that provides strong evidence of academic writing ability
- three letters of recommendation from individuals familiar with the applicant's promise in English education, including one letter from a school principal and two letters from university professors
- curriculum vitae or resume
- GRE general test scores
- official transcripts with a cumulative GPA of at least 3.50 (scale is 4.00 = "A") in all previous graduate work.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Refer to the Department of English webpage for 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).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/244>
LL 215
enggrad@asu.edu
480-965-3194

English (Literature), PHD (LAENLITPHD)

Online Degree Search Title: English (Literature) (PhD)

Campus: Tempe

Program Description:

The PhD in English with a concentration in literature promotes the study of the production, distribution and reception of texts; of their linguistic, rhetorical and literary structures and functions; and of the internal and external forces shaping literature. The program offers courses that examine chronology and genre while also considering the importance of embodiment. Many courses explore issues relating to gender, class, race and ethnicity. The program prepares students for entrance into the profession as teachers and scholars.

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 course work 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 course work 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 for the doctoral degree in English (literature) must submit:

- online graduate admission application
- academic writing sample
- curriculum vitae
- GRE general scores (subject scores are optional)
- statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Refer to the Department of English webpage for 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).

Please see the program website for application deadlines and further information.

Incomplete files are not considered.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/240>
LL 543B
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 program in English, the 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 will be 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 entrance into the field as teachers, scholars and 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.

Breakdown of credit hour requirements:

core (3)

ENG 501 Approaches to Research (3)

concentration course work (9)

ENG 551 Rhetorical Traditions (3)

ENG 552 Composition Studies (3)

ENG 556 Theories of Literacy (3)

focus area (9)

research methods (3)

electives (15)

writing for publication/scholarly writing course work (3)

previously awarded master's degree (30)*

dissertation (12)

*Students may be allowed 30 credit hours from a previously awarded master's degree as approved by the academic unit and the Division of Graduate Education. If the student does not hold a master's degree, they will be required to take additional elective and research credit hours to reach the 84 credit hours required for this program.

Admission Requirements:

Applicants must submit an online graduate admission application.

Supporting documents include:

- academic writing sample
- curriculum vitae
- GRE general test scores
- official transcripts
- statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.
<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).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines. Incomplete files are not considered.

Contact Information:

Liberal Arts & Sciences, College of
 Department of English
<https://english.clas.asu.edu/node/248>
 LL 543B
 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 teachers for careers as exemplary educators and leaders in English language arts instruction. Students in the program develop a deep understanding of the language arts by learning how to access, analyze and apply theoretical frames and best practices for teaching students in grades 7-12. The program balances the refining of disciplinary knowledge with pedagogical application of that knowledge in classrooms. Students take a variety of relevant courses, including advanced methods courses in reading and writing, adolescent literature and research methods for teachers.

This dynamic course of study culminates with a project related to English language arts instruction in secondary classrooms. The program encourages students to employ academic research and inquiry to address questions they have about their own students' learning.

Degree Requirements: 30 credit hours including the required applied project course (ENG 593).

Core (12)

ENG 501 Research Methods (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)

Other Requirements (3)

ENG 594 Topic: CAWP Invitational Summer Institute (3)

Culminating Event: 3 credit hours of ENG 593 Applied Project

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Minimum of a bachelor'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 college or university.

- Current certification in secondary English language arts (grades 6-12), or equivalent certification, or a minimum of 2 years teaching English language arts in a school setting.

- Minimum of a 3.00 cumulative GPA (scale is 4.0=A) in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in the applicable master's degree.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English language proficiency*
- letters of recommendation

* An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<http://english.clas.asu.edu/node/2867>
LL215
enggrad@asu.edu
480-965-3194

Environmental Life Sciences, PHD (LAELSPHD)

Online Degree Search Title: Environmental Life Sciences (PhD)

Campus: Tempe

Program Description:

Environmental Life Sciences is a novel graduate degree that provides doctorate-level training in several complementary fields focused on interactions between organisms (e.g., plant, animal or microbe) and their environment. The program provides transdisciplinary training that includes aspects of:

- biology
- chemistry or biochemistry
- environmental engineering
- geosciences
- mathematics
- social sciences
- sustainability

Graduate students are trained in:

- core classes
- reading groups
- research clusters
- seminars

The focus is on collaborative and integrative study of the effects of environmental variation on fluxes of materials and energy across scales ranging from the organism to the globe. The overall goal is to provide a unique PhD program that produces students with a broad appreciation of environment-organism questions in the context of natural and anthropogenic environmental change.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

As specified in each student's plan of study, the total number of credit hours should consist of:

core courses (7)
program electives (9)
ELS 799 Dissertation (12)

Beyond these 28 credit hours, the remaining credit hours should be filled from electives or from the Environmental Life Sciences omnibus courses such as ELS 784 Doctoral Internship or ELS 790 Doctoral Reading and Conference, up to the required number of total credit hours (54 if entering with a master's degree or 84 with a bachelor's degree).

Admission Requirements: • Students must submit an online graduate admission application.

- Applicants must possess 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. They must have had a minimum 3.00 cumulative GPA (on a 4.00 scale) in the last 60 hours of their first bachelor's degree.
- All applicants must submit GRE results.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. A TOEFL score of 600 paper-based, or 100 Internet-based, or IELTS overall band score of at least 6.5 with no band below 6.0 is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://els.asu.edu/>
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 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

This is the basis for addressing various topical foci, including urban environments, technologies and their consequences, landscapes, institutions, and health and the environment.

Students will 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 will train students to move into teaching and research positions or to assume leadership roles in:

- government
- industry
- nongovernmental organizations

Course work 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 course work, 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 a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Undergraduate course work 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.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

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 will 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 will train students to move into teaching and research positions or to assume leadership roles in:

- government
- industry
- nongovernmental organizations

Course work 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 our society today. Students will be 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.

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 course work, 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 3.20 (out of 4.00) average GPA 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 will be 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 typically will have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:

Applicants must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume

- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Undergraduate course work 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.

Contact Information:

Liberal Arts & Sciences, College of
 School of Human Evolution & Social Change
<https://shesc.asu.edu>
 SHESC 233
 shescgrad@asu.edu
 480-965-6215

Environmental Social Science (Urbanism), PHD (LAESSURPHD)

Online Degree Search Title: Environmental Social Science (Urbanism) (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, health and the environment.

Students will 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 will train students to move into teaching and research positions or to assume leadership roles in:

- government
- industry
- nongovernmental organizations

Course work 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 will leverage the varied interests in urbanism and help 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 will be 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 course work, 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 course work, 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 a 3.20 (out of 4.00) average GPA 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 will 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 will include the core urbanism course GCU 516, as well as one course from each of the four urbanism clusters:

- built form
- culture and society
- natural environment
- institutions and governance

Additional 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:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- a statement of purpose outlining career and educational goals
- a current curriculum vitae or resume
- an optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Undergraduate course work 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.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

Evolutionary Biology, PHD (LAEVOPHD)

Online Degree Search Title: Evolutionary Biology (PhD)

Campus: Tempe

Program Description:

Evolutionary biology is a transdisciplinary graduate degree program that will provide doctorate-level training in the historical, conceptual, empirical and quantitative aspects of biological evolution. Evolution cuts across the biological sciences in ways that few other foci do:

- 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
- 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 and continue to shape life on Earth, 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.

Core (9 credit hours)

BIO 614 Biometry (4)

EVO 601 Principles of Evolution (3)

EVO 610 Research Areas of Evolution (2)

Elective courses (9 credit hours)*

Research, course work or 30 credit hours from a previously awarded master's degree (54 credit hours)

Dissertation (12 credit hours)

*The program advisor as well as the student's advisor will determine these courses in conjunction with the student.

Admission Requirements: • All applicants will submit the online graduate admission application.

- The applicant must have a baccalaureate degree from a regionally accredited institution in the U.S. or an international equivalent degree.
- A minimum GPA of 3.00 (on a 4.00 scale) must have been earned in the student's last 60 hours of their bachelor's degree program.
- The GRE is required.
- The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English (regardless of current residency).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu>

LSA 181

SOLS.grad@asu.edu

480-965-1768

Exploration Systems Design, PHD (LAESDPHD)

Online Degree Search Title: Exploration Systems Design (PhD)

Campus: Tempe

Program Description:

The PhD program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide range 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 will integrate the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related course work 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.

Students may be admitted into the program with a bachelor's degree or master's degree in a related field. Up to 30 credit hours of master's degree-level work in a related field such as engineering, computer science, geological sciences or physics can be accepted toward the fulfillment of the doctoral requirements.

The plan of study for the doctorate will be selected with the recommendation of the student's supervisory committee. The exploration systems design doctorate requires:

core courses (6)

course work specific to the concentration (9)

AST 799 or GLG 799 Dissertation (12)

All students in the School of Earth and Space Exploration are also required to take two seminars:

GLG 500 SESE Colloquium (1)

GLG 591 Faculty Research Seminar (1)

Admission Requirements:

Students applying to the doctoral degree program in exploration systems design must submit:

- online graduate admission application
- scores on the general GRE
- a statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please 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 Systems Engineering as a deficiency course.

Sensor Networks Concentration:

An undergraduate degree in electrical engineering or computer science is preferred.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-grad@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 PhD program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide range 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 will integrate the School of Earth and Space Exploration's

science, instrumentation and systems engineering core courses with related course work from the 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.

Students may be admitted into the program with a bachelor's degree or master's degree in a related field. Up to 30 credit hours of master's degree-level work in a related field such as engineering, computer science, geological sciences or physics can be accepted toward the fulfillment of the doctoral requirements.

The plan of study for the doctorate will be selected with the recommendation of the student's supervisory committee. The exploration systems design doctorate requires:

core courses (6)
course work specific to the concentration (9)
AST 799 or GLG 799 Dissertation (12)

All students in the School of Earth and Space Exploration are also required to take two seminars:

GLG 500 SESE Colloquium (1)
GLG 591 Faculty Research Seminar (1)

Admission Requirements:

Students applying to the doctoral program in exploration systems design must submit:

- online graduate admission application
- scores on the general GRE
- a statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Instrumentation Concentration:

An undergraduate degree in electrical engineering, aerospace engineering or mechanical engineering is preferred.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-grad@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 PhD program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide range 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 will integrate the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related course work 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.

Students may be admitted into the program with a bachelor's degree or master's degree in a related field. Up to 30 credit hours of master's degree-level work in a related field such as engineering, computer science, geological sciences or physics can be accepted toward the fulfillment of the doctoral requirements.

The plan of study for the doctorate will be selected with the recommendation of the student's supervisory committee. The exploration systems design doctorate requires:

core courses (6)

course work specific to the concentration (9)

AST 799 or GLG 799 Dissertation (12)

All students in the School of Earth and Space Exploration are also required to take two seminars:

GLG 500 SESE Colloquium (1)

GLG 591 Faculty Research Seminar (1)

Admission Requirements:

Students applying to the doctoral program in exploration systems design must submit:

- online graduate admission application
- scores on the general GRE
- a statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Sensor Networks Concentration:

An undergraduate degree in electrical engineering or computer science is preferred.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-grad@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 PhD program in exploration systems design offers students an advanced systems approach for developing scientific exploration technologies in a wide range 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 will integrate the School of Earth and Space Exploration's science, instrumentation and systems engineering core courses with related course work 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.

Students may be admitted into the program with a bachelor's degree or master's degree in a related field. Up to 30 credit hours of master's degree-

level work in a related field such as engineering, computer science, geological sciences or physics can be accepted toward the fulfillment of the doctoral requirements.

The plan of study for the doctorate program will be selected with the recommendation of the student's supervisory committee. The exploration systems design doctorate requires:

core courses (6)
course work specific to the concentration (9)
AST 799 or GLG 799 Dissertation (12)

All students in the School of Earth and Space Exploration are also required to take two seminars:

GLG 500 SESE Colloquium (1)
GLG 591 Faculty Research Seminar (1)

Admission Requirements:

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences. Please see the program website for application deadlines. Students applying to the doctoral program in exploration systems design must submit:

- online graduate admission application
- scores on the general GRE
- a statement of purpose
- three letters of recommendation
- proof of English proficiency, for an applicant whose native language is not English (regardless of their current residency)

Systems Engineering Concentration:

Successful completion of a senior capstone design project is an admission requirement for this concentration. Students who have not had a design course are required to take SES 405 Systems Engineering as a deficiency course.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-grad@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 in the family and human development program is designed to provide practitioner-oriented professionals with advanced training in applying scientific methods to investigate the development of family systems and the well-being of individual family members and apply these principles in their work.

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).

Students will complete the course work 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 percent of the minimum required credit hours for the degree.

A minimum of 30 credit hours is required. Acceptance of the proposed plan of study must be verified by signature of the chair and faculty advisor. After approval within the program or college, the plan of study is submitted to the Division of Graduate Education for final approval.

All students must take the following courses (or equivalent with the approval of the graduate director):

core (12 credit hours)

CDE 501 Social Statistics (3)
CDE 531 Theoretical Issues in Child Development (3)
FAS 586 Capstone I (3)
FAS 587 Capstone II (3)

elective or research (15 credit hours)

FAS 500 Research Methods (3)
diversity course approved by academic counselor (3)
FAS and/or CDE electives approved by academic counselor (9)

culminating experience (3 credit hours)

FAS 588 Capstone III (3)

Admission Requirements:

Admission to the family and human development master's degree program is determined by the following criteria:

- online graduate admission application
- official transcripts of all undergraduate and graduate course work
- resume or curriculum vitae
- statement of goals relevant to the master's degree program
- required Test of English as a Foreign Language (TOEFL) score of at least 600 for any applicant whose native language is not English*
- two letters of recommendation

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences

Applications should be completed by submitting the online graduate admission application. As part of the online application, the applicant must submit their resume or curriculum vita, statement of goals, and the names and email addresses for their two recommenders. Letters of recommendation will be received electronically.

Please see the program website for application deadlines and admission terms.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-science-family-and-human-development?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/family-and-human-development-ms>
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 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.

Each student must prepare and submit a plan of study in conjunction with the chair and members of his or her supervisory committee once completing 50 percent of the minimum required credit hours for the degree. The plan of study consists of a minimum of:

85 credit hours for 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 dissertation.

- Postbaccalaureate students complete a master's-in-passing before advancing to their doctoral studies.

55 credit hours for students entering after the master's degree

- Of the 55 credit hours of the post-master's degree program, there are 12 credit hours of dissertation.

additional hours in the postbaccalaureate and post-master's degree tracks involving courses in:

- electives relating to family and human development
- family and human development
- statistics and research methods

Admission Requirements:

Admission to the doctoral program in family and human development is determined by the following criteria:

- online graduate admission application
- a resume or curriculum vitae
- a Test of English as a Foreign Language (TOEFL) score of at least 600 for each applicant whose native language is not English (regardless of current residency)
- official transcripts of all undergraduate and graduate course work
- statement of goals relevant to the doctoral program
- three letters of recommendation
- verbal, quantitative and analytical GRE scores

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines. As part of the online application, the applicant will submit their resume or curriculum vitae, statement of goals, and the names and email addresses of their three recommenders. Letters of recommendation will be received electronically.

After submitting the graduate application, official collegiate transcripts and GRE test scores should be sent to Graduate Admission Services.

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/family-and-human-development-phd>
SS 144
graduatesanford@asu.edu
480-965-6978

French (Comparative Literature), MA (LAFRECLMA)

Online Degree Search Title: French Comparative Literature (MA)

Campus: Tempe

Program Description:

The School of International Letters and Cultures offers a graduate program in French leading to the MA in French with concentration in comparative literature.

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 B bibliography and Research Methods (3) (It is recommended that the candidate enroll in this course as early as possible.)
- two courses in linguistics, civilization or translation (of which one must be in linguistics)
- one course in critical or cultural theory

For core courses, a minimum of four 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 hours of related course work may be taken outside of French.

A student must achieve a GPA of "B" (3.00 on a 4.00 scale) 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 will be given only under exceptional circumstances and will 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 hours of independent study will be permitted.

Students must complete an applied project.

The written examination for the concentration in comparative literature will be administered by the interdepartmental committee for comparative literature and will consist of two essay-based components: general concepts of comparative literature and problems of comparative literature.

Admission Requirements: • All applicants must submit the online graduate admission application.
• An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Candidates for the master's degree should, upon entrance, present the equivalent of an undergraduate major in the language in which the degree is sought. Those who lack this background but who show strong potential and meet the Division of Graduate Education 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/75>
LL 440
silc@asu.edu
480-965-6281

French (Linguistics), MA (LAFRELINMA)

Online Degree Search Title: French Linguistics (MA)

Campus: Tempe

Program Description:

The School of International Letters and Cultures offers a graduate program in French leading to an MA degree in French with concentrations in literature, linguistics or comparative literature.

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:

- applied project option
- 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 hours in another language or in closely related courses (when approved by the candidate's supervisory committee)

Comprehensive Examination: 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 submit the online graduate admission application.
• An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Candidates for the master's degree should, upon entrance, present the equivalent of an undergraduate major in the language in which the degree is sought. Those who lack this background but who show strong potential and meet the Division of Graduate Education 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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/79>
LL 440
silc@asu.edu
480-965-6281

French (Literature), MA (LAFRELITMA)

Online Degree Search Title: French Literature (MA)

Campus: Tempe

Program Description:

The School of International Letters and Cultures offers an MA in French with concentrations in literature, linguistics or comparative literature.

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 option
- 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 hours in another language or in closely related courses may be included in the program.

Comprehensive Examination: 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: • All applicants must submit the online graduate admission application.

- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Candidates for the master's degree should, upon entrance, present the equivalent of an undergraduate major in the language in which the degree is sought. Those who lack this background but who show strong potential and meet the Division of Graduate Education 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 plan of study for the master's degree.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/73>
LL 440
silc@asu.edu
480-965-6281

Gender Studies, PHD (LAGSTPHD)

Online Degree Search Title: Gender Studies (PhD)

Campus: Tempe

Program Description:

The Gender Studies doctoral program is part of the nation's first School of Social Transformation. The diverse community of scholars takes an innovative approach to the study of social justice by uniting multiple academic disciplines to strategically create social change that is democratic, inclusive and just.

The inclusive gender studies doctoral program empowers tomorrow's community leaders and shapers 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 is the foundation of the research, teaching and community engagement. Faculty and students explore these intersections from a holistic and historical perspective that goes beyond the classroom.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The gender studies program requires:

84 credit hours for students admitted with only a bachelor's degree
 a dissertation
 both a written and oral comprehensive examination

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. At the core of the program are four required courses:

- 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)

Students also take two research methods courses relevant to their dissertation, plus additional courses among three areas of specialization: gender, justice and social change; health, science and technology; and visual and narrative culture.

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. Faculty have expertise in:

- child welfare
- domestic violence
- gender and the biophysical environment
- globalization
- immigration
- labor and employment
- social policy
- sustainability
- transnational feminisms
- women's rights and gender equality in the developing world

Health, science and technology

Courses in this area explore the impact of gender on:

- health care
- health occupations
- science and technology

Faculty have expertise in:

- bioethics
- gender and technology
- health and sexuality
- HIV and AIDS prevention
- the participation of women in math and science in the developing world
- women's roles as healers and caregivers

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
- theater

The faculty focus especially on the intersections of gender representations with representations of race, sexuality and class, and the ways in which representations produce rather than simply mimic gender inequality and polarized identities.

Admission Requirements:

The gender studies program welcomes applications from qualified students without regard to race, creed, color, religion, sex or national origin.

Submit to Graduate Admission Services:

- online graduate admission application
- nonrefundable application fee as specified by Graduate Admission Services
- official copies of all undergraduate and graduate transcripts
- official GRE scores*
- resume or curriculum vitae
- statement of purpose
- proof of English proficiency**
- three letters of reference, preferably from faculty or other researchers
- writing sample (10-15 pages)

*GRE test scores cannot be more than five years old.

**An applicant whose native language is not English (regardless of current residency) must meet ASU's English proficiency requirements: <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Please see the ASU Graduate Admission Services website for mailing addresses and further admission information.

For additional financial information, consult the Financial Aid website at <https://students.asu.edu/financialaid> (<https://students.asu.edu/financialaid>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/gender-studies-phd>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Gender Studies (certificate), Certificate (LAWSTGRCT)

Online Degree Search Title: Gender Studies (Grad 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.

Two required courses (6)

WST 601 Critical Concepts in Gender (3)

WST 602 Mapping the Intersectionalities of Gender (3)

Three additional courses (9)

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 credits not used for another ASU degree or certificate can be transferred from another university, with graduate director's approval. Courses should be recorded on the transfer section of the student's Interactive Program of Study. Up to nine credit hours of ASU nondegree credit can be transferred for students who are eventually admitted to an ASU graduate program.

Admission Requirements:

The certificate is not offered as a stand-alone, certificate-only program. It is only open 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.

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see <https://sst.clas.asu.edu/content/gender-studies-grad-certificate> (<https://sst.clas.asu.edu/content/gender-studies-grad-certificate>) for more information about the certificate and to design course work.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/gender-studies-grad-certificate>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Geographic Education, MAS (LAGEOEDMAS)

Online Degree Search Title: Geographic Education (MAS)

Campus: Tempe, Online

Program Description:

The MAS in geographic education is an online nonthesis degree program that provides teachers with the opportunity to obtain a highly qualified status in geographic education. The degree program is intended for K-12 teachers and is appropriate for elementary and secondary school teachers. Although the courses are completed online, there are two in-person meetings, including an orientation and a graduation event, where applied projects are presented.

Degree Requirements: 30 credit hours and an applied project.

The requirements are as follows:

- Students must complete 24 credit hours in geography, a three credit hour course in educational research (COE 501 Introduction to Research and Evaluation in Education) and a three credit hour course on the applied project related to geographic education (SED 593 Applied Project or DCI 593 Applied Project). This culminating experience is required in place of a thesis.
- 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.
- Thirty credit hours are to be taken completely online, with two one-day sessions required at the Tempe campus for an orientation session and presentation of an applied project.

Admission Requirements:

All applicants must submit an online graduate admission application.

In addition to the Division of Graduate Education admission requirements, prospective students must have a bachelor's degree from a regionally accredited institution (or equivalent) in education, geography or related area with a minimum GPA of 3.00 (on a 4.00 scale) or they must demonstrate a minimum of one year of related professional experience and successful completion of a bachelor's degree from a regionally accredited institution (or equivalent) with a minimum GPA of 3.00 (on a 4.00 scale). Applicants with a GPA below 3.00 can apply and may be accepted if they show substantial promise of success based on the candidate's statement and letters of recommendation. Applicants to the degree program are accepted year-round for fall admission.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.gradprograms@asu.edu
480-965-7533

Geographic Information Science (certificate), Certificate (LAGEOGISCE)

Online Degree Search Title: Geographic Information Science (Grad Certificate)

Campus: Tempe

Program Description:

Under the auspices of the School of Geographical Sciences and Urban Planning, this transdisciplinary certificate program in geographic information science is administered by an executive committee. The objective of this program is to enable ASU graduate students from all disciplines and geographical information system professionals to learn how to apply GIS concepts and technology for the purpose of spatial analysis.

Degree Requirements: 16 credit hours including the required capstone course (GPH 591 or GIS 591).

a capstone seminar (1)
three required courses (9)
two elective courses (6)

Admission Requirements:

All applicants to the certificate program must submit the online graduate admission application.

Current graduate students receive priority admission to the certificate program.

Students qualify for admission to the certificate program by maintaining good standing in a cooperating department and completing an application specific to the GIS certificate.

Practicing professionals who already hold a graduate degree must furnish proof of an advanced degree by submitting a formal transcript to Graduate Admission Services.

Prospective students must complete prerequisites listed for the level-one required course.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.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 program is a compact, one year, nonthesis degree program fostering advanced study in management and the use of GIS technology in public and corporate environments. The program meets important educational needs of working professionals and recent college graduates seeking to improve career standing.

The program provides a comprehensive and balanced professional body of work that comprises the:

- applications domain
- technical side of the discipline
- theoretical aspects of GIS

Students are exposed to cutting-edge technology, management theory and practice, enterprise systems administration and several societal dimensions associated with the application of GIS technology.

Courses are held evenings and weekends, and the curriculum is highly adaptable to the work environment; thus, the master's degree is achievable in a one-year time period.

Degree Requirements: 30 credit hours including the required applied project course (GPH 693 or GIS 693).

Enrolled students must complete three sequential semesters of course work.

- The first semester, offered during the fall, is composed of six two-credit-hour modules, which are not transferable.
- Students in the spring semester must complete four three-credit-hour courses.
- During the final semester, offered through the eight week summer session, students must complete a three credit hour GIS internship and a three credit hour capstone course.

Admission Requirements: • All applicants must submit the online graduate admission application.

- In addition to the Division of Graduate Education admission standards, prospective students seeking the degree must have successfully completed a bachelor's degree in a related area with a minimum GPA of 3.00 (on a 4.00 scale) or demonstrate a minimum of three years of related professional experience and the successful completion of a bachelor's degree in an unrelated area as determined by the Master of Advanced Study in geographic information systems steering committee.
- Applicants must submit two letters indicating support from any combination of current or former instructors, supervisors or professionals currently employed within GIS or a related discipline.
- Applicants must prepare a formal, written statement regarding relevant academic experience, professional experience and overall interest in GIS.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.gradprograms@asu.edu
480-965-7533

Geography, MA (LAGEOGMA)

Online Degree Search Title: Geography (MA)

Campus: Tempe

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 the individual needs and the interests of students. A minimum of 30 credit hours beyond the bachelor's degree is required. At least 24 credit hours must be in geography.

Degree Requirements: 30 credit hours and a thesis.

The School of Geographical Sciences may consider a student for a traditional master's degree program that includes the successful defense of a thesis. Master's degree students must complete 30 credit hours, including 24 credit hours of combined course work and research hours at ASU and a six credit hour thesis.

The program includes two required courses, GCU 529 Geographic Thought and Theory (3) and GCU 585 Advanced Research Methods (3), and

additional course work or research hours as selected by the student in consultation with an advisory committee.

Admission Requirements:

Applicants must submit the online graduate admission application, accompanied by:

- applicant's scores on the GRE (verbal and quantitative)
- current resume
- geography essay questions
- official transcripts from applicant's undergraduate program
- three letters of recommendation from professors

It is presumed that all students entering the master's degree program have an adequate background in geography, including course work that is the equivalent of GPH 371 Introduction to Cartography and Georepresentation and GCU 495 Quantitative Methods in Geography.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.gradprograms@asu.edu
480-965-7533

Geography, PHD (LAGEOGPHD)

Online Degree Search Title: Geography (PhD)

Campus: Tempe

Program Description:

The PhD program in geography provides specialized academic and professional training in geographical sciences to enable graduates to secure a sound background for further research and teaching and for immediate employment.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Doctoral students entering with a bachelor's degree must complete 84 credit hours. These hours include 72 credit hours of course work 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 course work and research hours at ASU and 12 dissertation credit hours. The doctoral program includes:

two required courses:

- GCU 529 Geographic Thought
- GCU 585 Advanced Research Methods

two seminars in GCU/GPH 591

additional course work or research hours as selected by the student in consultation with an advisory committee

Up to six credit hours of 400-level course work may be applied toward plan of study.

Admission Requirements:

The School of Geographical Sciences admits students to its doctoral program with either a bachelor's degree or master's degree in geography or a related field. Applicants without geography degrees are welcome. Incoming students must demonstrate or attain competence in cartography and quantitative methods and complete other basic course work that will enable them to pursue graduate studies in their area of specialization.

Applicants must submit:

- online graduate admission application
- the applicant's scores on the GRE (verbal and quantitative)
- three letters of recommendation from professors

- responses to geography essay questions
- current resume
- official transcripts from applicant's undergraduate program
- proof of English proficiency, for an applicant whose native language is not English (regardless of current residency)

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
 COOR 5671
 geoplan.gradprograms@asu.edu
 480-965-7533

Geological Sciences, MS (LAGEOSCMS)

Online Degree Search Title: Geological Sciences (MS)

Campus: Tempe

Program Description:

The MS in geological sciences program is designed to provide fundamental graduate training in geology and to prepare the student for further graduate study or for certain careers in:

- geochemistry
- geology
- geophysics
- planetary geology
- related fields

Degree Requirements: 30 credit hours and a thesis.

The Master of Science in geological sciences consists of a minimum of 30 credit hours of graduate-level course work. The student, with approval of the advisor and supervisory committee (formed upon enrollment), selects courses that make a coherent plan of study. Each plan of study must include six hours of thesis credits and 20 or more credit hours of course work other than research and thesis. Half the credit hours applicable toward the degree must be in geological sciences courses while the remainder may include work in related fields. In addition, all students in the School of Earth and Space Exploration are required to take two seminars:

- GLG 500 SESE Colloquium (1)
- GLG 591 Faculty Research Seminar (1)

Thesis Requirements: A research-based thesis is required. The final examination is an oral defense of that thesis.

Admission Requirements:

Students applying for admission to the geological sciences master's degree program must submit:

- online graduate admission application
- GRE scores
- a statement of purpose
- three letters of recommendation
- proof of English proficiency for an applicant whose native language is not English, regardless of current residency

Please see the program website for application deadlines.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of Earth and Space Exploration
<https://sese.asu.edu>
 ISTB4 795
 sese-grad@asu.edu

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 and to prepare students for professional careers in geological science fields such as geochemistry, geology, geophysics, planetary geology and related areas.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Students may be admitted into the program with a bachelor's degree or master's degree in a related field. Up to 30 credit hours of master's degree-level work in a related field can be accepted toward the fulfillment of the doctoral requirements.

The plan of study for the doctorate program is selected with the recommendation of the student's supervisory committee. Each plan of study must include 12 credit hours of dissertation and 25 hours of course work. All students in the School of Earth and Space Exploration are also required to take two seminars:

GLG 500 SESE Colloquium (1)

GLG 591 Faculty Research Seminar (1)

ASU Graduate Education policies and procedures must also be met for admission into the program and for fulfilling the degree requirements.

Comprehensive Examination: Doctoral candidacy is earned on the basis of a written component and an oral component. The written examination is in the form of two written research projects. The oral exam consists of an oral defense of the two projects.

Dissertation Requirements: A dissertation is required that is based on original work demonstrating creativity in research and scholarly proficiency in the subject area.

Final Examination: A final oral examination in defense of the dissertation is required.

Admission Requirements:

Applicants must submit:

- online graduate admission application
- scores on the GRE
- statement of purpose
- three letters of recommendation

Please see the program website for application deadlines.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-grad@asu.edu
480-965-5081

German, MA (LAGERMMA)

Online Degree Search Title: German (MA)

Campus: Tempe

Program Description:

The faculty in the School of International Letters and Cultures offers graduate programs leading to the MA degree with a major in German. Students admitted to the master's degree program with a major in secondary education may elect German as their subject matter field.

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 hours in another language or in closely related courses may be included in the program.

Admission Requirements:

- Students interested in applying for this program must submit an online graduate admission application.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Candidates for the master's degree should, upon entrance, present the equivalent of an undergraduate major in the language in which the degree is sought. Those who lack this background, but who show strong potential and meet the graduate 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 plan of study for the master's degree.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

See: <https://international.clas.asu.edu/node/81> (<https://international.clas.asu.edu/node/81>) for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/81>
LL 440
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
- technological

Any effective, sustainable solutions to our most pressing global health challenges will 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 our complex and interrelated ecology, politics, history, culture, social institutions and evolutionary biology. It also places primacy on how to address the broader (i.e., structural, cultural) bases 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
- obesity

Students develop an applied project to contribute to the team goals. 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.

Degree Requirements: 30 Credit Hours including the required applied project course (SSH 593).

All students are required to take the following four foundational courses (12 credit hours):

ASB 500 Ethnographic Field Methods (3)

ASB 503/SSH 503 Medical Anthropology (3)

ASB 510/SSH 510 Health: Social and Biocultural Theories (3)

AML 613 Methods and Concepts in Math Epidemiology OR SSH 591 Principles of Epidemiology for Global Health (3)

Substitutes may be permitted by the graduate director, including individualized research, conference and independent study courses with approved faculty. Additional methods-focused courses or graduate-level epidemiology courses can count toward this requirement.

Students are also required to complete a minimum of six credit hours of practicum, six credit hours of electives and six credit hours of an applied project. Applied projects are completed in consultation with a faculty advisor; options include internship, practicum, a research project, scholarly research paper or an outreach project.

All students must maintain a 3.00 (out of 4.00) average GPA on both the interactive plan of study and graduate GPAs per the Division of Graduate Education satisfactory academic progress policy.

Accelerated Degrees:

This degree is also offered as an accelerated degree with Global Health, BA

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit the online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- a statement of purpose outlining career and educational goals
- a current curriculum vitae or resume
- an optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Admission is competitive and based on student academic excellence, additional relevant experience, and fit to available faculty. Minimum GPA for consideration for admission would normally be 3.50 on a 4.00 scale for the last two years of study leading to the bachelor's degree. A degree in the social or life sciences (i.e., anthropology, sociology, gender studies, geography, political science), public health or related fields (i.e., nutrition, human biology) is generally expected for applicants. Value will be placed on:

- foreign language skills
- practical, cross-cultural and international experiences
- prior social science and life science research

Contact Information:

Liberal Arts & Sciences, College of

School of Human Evolution & Social Change

<https://shesc.asu.edu>

SHESC 233

shescgrad@asu.edu

480-965-6215

Global Health, PHD (LASSHPHD)

Online Degree Search Title: Global Health (PhD)

Campus: Tempe

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to our most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as:

- commercial sector
- governmental agencies
- nongovernmental organizations

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- 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 and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. 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.

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 course work, 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 that 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 a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should already have completed at least 15 hours of social science and six hours of human biology (or equivalent) at the senior level, and should also have some background in statistics or epidemiology.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

Global Health (Complex Adaptive Systems Science), PHD (LASSHCPHD)

Online Degree Search Title: Global Health (Complex Adaptive Systems Science) (PhD)

Campus: Tempe

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to our most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as:

- commercial sector
- governmental agencies
- nongovernmental organizations

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws together some 80 faculty members from across the university to consider how cutting-edge social science can be applied to not only understand but also substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

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 perspective at Arizona State University and emphasizes the value of a complex adaptive systems science perspective to give better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students will be 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.

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 program. This leaves 30 credit hours of course work, 12 credit hours of research and 12 credit hours of dissertation (54 credit hours total) to be earned postadmission.

Students entering without a master's degree must earn an additional 30 hours of graduate credit, produce a research portfolio that 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 a 3.20 (out of 4.00) average GPA 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 will be 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 typically will have a member of the complex adaptive systems science graduate faculty as a member of their doctoral supervisory committee.

Admission Requirements:

Applicants must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work, with a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should already have completed at least 15 credit hours of social science and six credit hours of human biology (or equivalent) at the senior level and should also have some background in statistics or epidemiology.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

Global Health (Culture and Health), PHD (LASSHCHPHD)

Online Degree Search Title: Global Health (Culture and Health) (PhD)

Campus: Tempe

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to our most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes, and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings, such as:

- commercial sector
- governmental agencies
- nongovernmental organizations

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health

- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws together some 80 faculty members from across the university to consider how cutting-edge social science can be applied to not only understand but also to substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

The concentration in culture and health provides focused, specialized training in theories and methods for researching the relationship between culture and health. This concentration utilizes the perspectives of medical anthropology and sophisticated ethnographic methods to study and interpret the role of cultural and social differences in shaping health. Students investigate these methods in the context of the community-based, participatory approaches that tend to promote the most mutually meaningful and lasting health solutions. Graduates are thus particularly prepared for leadership in addressing health disparities in cross-cultural settings and with the most vulnerable populations. This includes very complex, difficult settings where particularly nuanced and sophisticated (often anthropological) understandings of health-related challenges are needed.

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 hours of course work, 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 that 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 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in culture and health, 15 credit hours will be selected from an approved list of applicable courses.

Admission Requirements:

Applicants must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should already have completed at least 15 hours of social science and six hours of human biology (or equivalent) at the senior level, and should also have some background in statistics or epidemiology.

Contact Information:

Liberal Arts & Sciences, College of
 School of Human Evolution & Social Change
<https://shesc.asu.edu>
 SHESC 233
shescgrad@asu.edu
 480-965-6215

Global Health (Evolutionary Global Health Sciences), PHD (LASSHEPHD)

Online Degree Search Title: Global Health (Evolutionary Global Health Sciences) (PhD)

Campus: Tempe

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to our most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes, and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings such as:

- commercial sector
- governmental agencies
- nongovernmental organizations

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws together some 80 faculty members from throughout the university to consider how cutting-edge social science can be applied to not only understand but also to substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research, from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's degree in a relevant field.

The concentration in evolutionary global health sciences requires training in universal principles of research design (from experiments to systematic qualitative and quantitative description), data analyses, methods (quantitative and qualitative), and anthropological interpretation (or the identification of determinants of the origins and distribution of health phenotypes in past and present human populations). Students will choose from a wide range of data collection and inferential tools in order to address specific questions, through a combination of lecture and guided reading courses designed to master the highly diverse literature in evolutionary global health sciences that best pertains to their 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 program. This leaves 30 credit hours of course work, 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 that 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 program.

All students must maintain a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in evolutionary global health sciences, 16 credit hours will be selected from an approved list of applicable courses.

The doctoral program in global health with a concentration in evolutionary global health sciences requires the following:

Core courses (10 credit hours)

SSH 502 Professional Seminar in Global Health (1) (repeated for credit four times) or approved equivalent

SSH 510 Health: Social and Biocultural Theories (3)

SSH 513 Research Design and Proposal Writing in Health Social Science (3)

Concentration courses (16 credit hours)
ASB 500 Ethnographic Research Methods (3)
ASM 560 Human Growth and Development: An Evolutionary Perspective (3)
ESS 513 Institutions (3)
SSH 503 Advanced Medical Anthropology (3)
SSH/ASM 514 Infectious Disease and Human Evolution (4)

Elective courses

ASB 510/SSH 510 Health - Social and Biocultural Theories (3)
ASB 537 or ASM 591 Topics in Mesoamerican Archeology or Human Growth and Development (3)
ASM 546 Principles of Human Genetics (3)
Other relevant electives from SHESC, SOLS, etc.

Substitutes to required courses may be permitted by the graduate director, including individualized research, conference or independent study courses with approved faculty.

Admission Requirements:

Applicants must submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- an optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work, with a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should already have completed at least 15 hours of social science and six hours of human biology (or equivalent) at the senior level, and should also have some background in statistics or epidemiology.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@asu.edu
480-965-6215

Global Health (Urbanism), PHD (LASSHURPHD)

Online Degree Search Title: Global Health (Urbanism) (PhD)

Campus: Tempe

Program Description:

The PhD program in global health draws on the premise that sustainable and satisfying solutions to our most pressing global health challenges require a sophisticated understanding of how cultural context, social and ecological processes, and disease are really related.

The transdisciplinary graduate program trains students broadly in cutting-edge health social science research theory and methods. While it leverages the strength in medical anthropology at ASU (including the 15 medical anthropologists on campus), it also takes advantage of a much wider set of skills offered by such fields as medical sociology, demography, human geography and epidemiology. It is designed to train those who anticipate working in transdisciplinary academic settings, medical schools or nonacademic health settings such as:

- the commercial sector
- governmental agencies
- nongovernmental organizations

Some particular thematic foci of the program are:

- biocultural approaches to human coping
- computer-based complexity modeling
- culture and health
- health in the Americas
- indigenous and minority health
- mathematical epidemiology
- nutritional anthropology
- social justice and vulnerable populations
- social networks
- urban and environmental health

The program draws some 80 faculty members from all across the university to consider how cutting-edge social science can be applied to not only understand but also to substantively improve the health of populations. The program favors community-based research and runs collaborative projects in which students are encouraged to gain experience and conduct research into societies from large U.S. cities to hunter-gatherer communities. Students generally enter the program with a master's in a relevant field.

The concentration in urbanism will leverage the varied interests in urbanism and help emerging scholars as they attempt to compare, contrast and take stock of urbanism as it pertains to the thematic foci of the program. Working with faculty from across a range of departments and programs at ASU, doctoral students will be 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 course work, 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 that 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 program.

All students must maintain a 3.20 (out of 4.00) average GPA in their courses and complete degree requirements per the program's satisfactory progress policy.

For the concentration in urbanism, 15 credit hours will be selected from an approved list of applicable courses related to urbanism. These courses will include the core urbanism course, GCU 516 (three credit hours) 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 submit an online graduate admission application. Please see the program website for application deadlines and admission terms.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- statement of purpose outlining career and educational goals
- current curriculum vitae or resume
- optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Suitable backgrounds for admission include a master's degree in the social sciences (such as anthropology or sociology), public health, human biology or related fields. Students entering directly from a bachelor's degree program should already have completed at least 15 hours of social science and six hours of human biology (or equivalent) at the senior level, and should also have some background in statistics or epidemiology.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

History, MA (LAHISTMA)

Online Degree Search Title: History (MA)

Campus: Tempe, Online

Program Description:

Designed and taught by ASU's award-winning faculty, the MA degree program offers advanced study of history, providing students the opportunity to deepen their knowledge of past, while honing their research, analytical and writing skills.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (HST 593).

There are two options for the master's degree program in history: the thesis option and the nonthesis option. The thesis options requires 30 total credit hours of course work, including six credit hours of HST 599 Thesis. The nonthesis option requires 30 total credit hours of course work, including three credit hours of HST 593 Applied Project, three credit hours of HST 591 Seminar and an additional 24 credit hours of course work.

Accelerated Degrees:

This degree is also offered as an accelerated degree with History, BA

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements: • **strong>Online electronic application:** Applicants must submit an online graduate admission application. Students apply for admission to the Division of Graduate Education and to a degree program (e.g., the master's degree in history). The history program is affiliated with several graduate certificate programs, including scholarly publishing, and medieval and renaissance studies. Students applying for admission to the master's degree program in history and a certificate program, such as the scholarly publishing certificate program, are required to submit two separate applications (for the degree program and for the certificate program).

• **strong>Transcripts:** Official transcripts should be mailed directly to the Division of Graduate Education. It is not necessary to mail transcripts to the history program.

• **strong>GRE scores:** A report of the scores received on the GRE must be submitted to the Division of Graduate Education. Scores should be no more than five years old.

• **strong>Letter of application:** This letter 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 (about 500 words in length).

• **strong>Resume:** Please upload the resume into the online application.

• **strong>Writing sample:** A sample of the applicant's 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 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.

• **strong>Assistantship application:** The application form for a graduate assistantship, if desired, can be downloaded.

• **strong>References:** Students are required to submit a minimum of three email addresses from faculty or others qualified to speak of the student's suitability for graduate study in history.

• **strong>English proficiency:** Students applying whose native language is not English must follow Division of Graduate Education guidelines demonstrating English language proficiency. The Division of Graduate Education's minimum Test of English as a Foreign Language (TOEFL) score is 550; however, the history program requires a score of at least 600. Students whose native language is not English must send 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. Prospective international students applying for teaching assistant positions must achieve a score of 55 or higher on the Test of Spoken English (TSE) or Speaking Proficiency English Assessment Kit (SPEAK).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-arts-history?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/history>
COOR 4589
SHPRSGradInfo@asu.edu
480-965-5778

History, PHD (LAHISTPHD)

Online Degree Search Title: History (PhD)

Campus: Tempe

Program Description:

The PhD in history offers doctoral students the opportunity to study past and contemporary civilizations and to learn research methods and professional writing strategies for use in diverse applications, including:

- business
- historical societies and agencies
- leading academic institutions
- the public sector

Areas of major emphasis include:

- competence in historical research methodology
- developing skills in scholarly analysis
- obtaining expertise in a chosen historical subject area

Degree Requirements: 84 credit hours, a written comprehensive exam, a oral comprehensive exam, a prospectus and a dissertation.

The PhD 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 Division of Graduate Education.

Core Requirements (16 credit hours)

HST 502 Public History Methodology (3)
HST 640 Historical Methods (3)
HST 641 North American History (3)
HST 642 European History (3)
HST 643 Global History (3)
HST 682 Advanced Research Skill (1)

Electives and Research (14 credit hours)*

In general, all credit hours must be at the 500 level or above (graduate credit for 400-level courses must be approved in advance and documented in the student's file).

Other Requirements (12 credit hours)

HST 591 Seminar (6)
HST 792 Research (6)

Dissertation (12 credit hours)

HST 799 Dissertation (12)

*Please note that if a student does not already have a master's degree in a related field, then the remaining 30 credit hours will be made up of electives and research to reach the 84 credit hours required for the doctoral program.

Admission Requirements:

Applications for all ASU graduate programs are initiated through Graduate Admission Services and must meet criteria established by the Division of Graduate Education and the history graduate program. Information on the application process can be found on the graduate admission website at <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>).

With the exception of the official transcripts and test scores, applicant information and documents are submitted as part of the application. All uploads must be in either .doc or .pdf format.

The student will need the following information when completing the online application:

- **Official transcripts:** Send to Graduate Admission Services, Arizona State University. Only official transcripts are accepted. All other transcripts will be discarded and not considered a part of the application. Information in regard to the address for sending official documents can be found online at <https://students.asu.edu/graduate/>. (<https://students.asu.edu/graduate/>)
- **GRE Scores:** Official scores should be sent by the Educational Testing Service to ASU using the university code 4007. Department code can be left blank or 0000. Scores should be no more than five years old.
- **Letter of Application:** The letter of application (about 500 words in length) should be addressed to the history admission committee and it must explain the applicant's scholarly background and training, career goals, the primary field the student wishes to pursue, the proposed research specialization, and why the applicant wants to pursue graduate study at ASU.
- **Resume or CV:** Upload this into online application.
- **Writing sample:** A sample of the applicant's 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 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.
- **References:** The applicant must indicate three faculty members or others who are qualified to provide an accurate evaluation of their potential as a graduate student in history, and the applicant must also provide the referee's names, the institutions or companies with which they are affiliated, and their email addresses.
- **An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.** The Division of Graduate Education requires a minimum Test of English as a Foreign Language (TOEFL) iBT score of 80; however, the history program requires a score of at least 90.

Students whose native language is not English must send 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.

Exceptions for the English requirement can be found on the ASU graduate English proficiency website: <https://students.asu.edu/graduate/proficiency>. (<https://students.asu.edu/graduate/proficiency>)

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<http://shprs.clas.asu.edu/graduate/history-phd>
COOR 3312
SHPRSGradInfo@asu.edu
480-965-5778

History and Philosophy of Science, PHD (LAHPSCIPHD)

Online Degree Search Title: History and Philosophy of Science (PhD)

Campus: Tempe

Program Description:

This degree combines solid training in the core areas of philosophy with an emphasis on transdisciplinary studies of the sciences and:

- conceptual structure
- epistemology
- history
- impacts on society

The strength of ASU's history and philosophy of science program is to bring philosophy, history and the study of science together. This degree program is especially appropriate for students with a background in philosophy who seek to broaden their disciplinary studies with a historical perspective.

Applicants will typically come from undergraduate programs that have included philosophical, historical, or history and philosophy of science training, or they will hold a master's degree in one of those fields. Science students are eligible as well and will make up relevant undergraduate humanistic core courses during their first years. Most graduates will seek a career based in philosophical or historical analyses of the sciences.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

An individual student program is developed in consultation with the student's advisor and committee.

core (6)
restricted program electives (30)
program electives (24)
research: HPS 792 Research (12)
dissertation: HPS 799 Dissertation (12)

Admission Requirements: • online graduate admission application

- 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: history, philosophy, or history and philosophy of science, as well as a demonstrated background and interest in one or more sciences
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor degree program
- GRE test scores

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
LSA 181
sols.grad@asu.edu
480-965-1768

Immigration Studies (certificate), Certificate (LAIMMSTUCE)

Online Degree Search Title: Immigration Studies (Grad Certificate)

Campus: Tempe

Program Description:

The immigration studies graduate certificate program provides students with an understanding of the causes and consequences of international migration as well as relevant professional and research training opportunities.

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.

The objective of the certificate program is to offer traditional academic training through course work, research and practical experience working with local immigrant and refugee communities.

Degree Requirements: 15 credit hours.

The certificate consists of 15 total credit hours. All students will be required to take:

- one core course
- three approved elective courses on immigration
- three hours of a culminating experience (either an internship or a research project)

For a list of approved courses, please contact the school.

Internship: Students may do an internship with Phoenix-based, nongovernmental organizations or government agencies that provide services to immigrants and refugees. Such internships will give students professional training and actual experience working with immigrant and refugee communities. Students will be required to write a report describing the organization and their experience as interns.

Research: Students may enroll in three credits 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, library and archival research, or readings on an immigration topic.

Certificate students may choose to specialize in:

- humanities
- Mexican and Latino immigrants in the U.S.
- 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 will 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 cumulative GPA of at least 3.00. 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:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the Division of Graduate Education admission standards, applicants must also provide:

- a current curriculum vitae or resume
- a statement of purpose outlining career and educational goals
- an optional sample of their written work
- official GRE scores
- three letters of recommendation
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu/>
SHESC 233
shescgrad@asu.edu
480-965-6215

Infant Family Practice, MAS (LACDEMAS)

Online Degree Search Title: Infant - Family Practice (MAS)

Campus: Tempe

Program Description:

This self-contained, accelerated program provides high-quality course work and supervised internship experiences designed to train professionals to work in prevention and intervention programs, serving families with infants, toddlers and preschool-age children.

The program prepares individuals for positions in a variety of professional capacities including:

- child abuse prevention
- child welfare
- early childhood education and child care administration
- early intervention
- family support
- home visiting
- infant and early childhood mental health

Course work prepares students for professional endorsement by 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.

The MAS in infant-family practice requires successful completion of a minimum of 30 credit hours and an applied project, including required course work 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 maintain a GPA of 3.00 (scale is 4.00 = "A") in all course work and satisfactorily meet the expectations of the agency supervising their internship.

Foreign Language Requirements: none

Thesis Requirements: none

GRE Scores: GRE scores are waived for this program.

Admission Requirements:

Admission to the program is determined by the following criteria:

- online graduate admission application
- a personal statement
- official transcripts of the student's academic record
- three letters of recommendation from individuals familiar with the applicant's academic background
- proof of English proficiency for applicants whose native language is not English (regardless of current residency)

Additionally, candidates are sometimes contacted for an interview.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.clas.asu.edu/infant-family-practice-mas>
SS 144
graduatesanford@asu.edu
480-965-6978

International Letters and Cultures, PHD (LAILCPHD)

Online Degree Search Title: International Letters and Cultures (PhD)

Campus: Tempe

Program Description:

The PhD program in international letters and cultures provides research and training that is linguistically well-grounded, historically and culturally informed, and methodologically transdisciplinary. Central to the program is the critical inquiry of primary documents from a variety of media across multiple languages, aiming at a deep understanding of the development of cultures through history. Students in the program must focus on research questions and themes that cannot be fully explored within the traditional disciplinary boundaries. The program fosters dynamic scholarly collaboration across disciplines in order to engage in the production of knowledge crucial to understanding transnational and transcultural phenomena from antiquity to the present.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Core course credit hours: (12)

Restricted elective course credit hours:

Primary field of study (18)

Secondary field of study (18)

Other requirements:

Elective/research credit hours (12)

Foreign language credit hours (12)

Culminating experience:

SLC 799 Dissertation (12)

Overall required credit hours: 84

Admission Requirements:

The program requires a minimum of a bachelor's degree in the humanities or social sciences. A condition of admission to the program is advanced competency in English and in the language of primary emphasis, i.e., the language of most of the course work and of most of the primary materials for the dissertation. Students must also have competency in a third language, either upon application to the program or to be acquired in the course of the program. Students whose Bachelor of Arts is not in foreign language must demonstrate proficiency by submitting a writing sample in the language of primary emphasis (and of secondary emphasis, if applicable) and an instructor's letter addressing their competency.

Applicants must submit:

- the online graduate admission application
- a personal statement summarizing the applicant's educational background and goals
- a writing sample in English (five pages minimum)
- three letters of recommendation

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") is required in the last 60 hours of a student's first bachelor's degree program and 3.30 or better in the last two years of work leading to the bachelor's degree.

English Proficiency Requirement: The minimum TOEFL score required is 550 (PBT) or 80 (iBT). An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://silc.clas.asu.edu/node/72>
LL 440
silc@asu.edu
480-965-6281

Justice Studies, MS (LAJUSSTMS)

Online Degree Search Title: Justice Studies (MS)

Campus: Tempe

Program Description:

The MS in Justice Studies is a designed for future scholars and change agents seeking to understand the concept of justice and learn strategies for conducting research and evaluating policies that promote social change. The program is unique compared with other justice-related programs in that it is housed in the School of Social Transformation, placing students in the center of a transdisciplinary learning environment with scholars dedicated to creating social innovations to change the world.

The justice studies program prepares graduates to pursue careers in research centers, social justice organizations and academic institutions. Many graduates also go on to pursue doctoral programs in justice studies, criminology and law.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (JUS 593).

The master's degree program has two options: a thesis and an applied project.

Thesis option

The thesis option requires the completion of 30 credit hours, six of which are JUS 599 Thesis. 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.

Applied project option

The applied project option requires the completion of 30 credit hours, three of which are JUS 593 Applied Project. 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.

Each student's program is developed in concert with the advisory committee. The program has three major categories: foundation courses, elective courses, and thesis and applied project requirements.

The required foundation courses provide students with a fundamental understanding of the theories, methods and analytic techniques associated with the study of justice. The foundation courses include:

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)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Justice Studies, BA

Justice Studies, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

All applicants must submit the online graduate admission application and upload these additional items through the online application process.

Please see the program website for application deadlines.

- personal statement (one-and-a-half to two pages, double spaced) outlining areas of interest, educational and career goals
- three letters of reference*
- a writing sample, 10 to 15 pages (research that best represents the student's academic thinking and writing skills)

*Academic references are preferred.

Also required:

Language proficiency: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Transcripts: Send one set of official transcripts from every college and university from which a bachelor's degree or higher was earned to Graduate Admission Services.

Please see the ASU Graduate Admission Services website for mailing addresses and further admission information. No GRE testing is required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/content/justice-studies-ms>

WILSN 125

SSTgraduate@asu.edu

480-965-7682

Justice Studies, PHD (LAJUSSTPHD)

Online Degree Search Title: Justice Studies (PhD)

Campus: Tempe

Program Description:

Join us in the Justice Studies PhD program at the nation's first School of Social Transformation. The diverse community of scholars unites students and faculty across academic boundaries to strategically create social change that is democratic, inclusive and just. Our inclusive doctoral program in justice studies prepares future scholars and change agents to address complex social problems and become tomorrow's leaders.

We take a unique approach to the study of justice by examining the intersecting forms of injustice, engaging multiple visions of justice --- knowing that no one solution works for all --- and transforming communities by empowering those silenced by inequality.

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. Contact the Sandra Day O'Connor College of Law for their requirements.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Students in the doctoral program must complete three foundation courses as a part of the core course work for the doctoral degree in justice studies. Students must earn a grade of "B" (3.00 on a 4.00 scale) or higher in each of the foundation courses:

JUS 620 Justice Research Methodology (3)

JUS 630 Data Analysis for Justice Research (3) or JUS 650 Advanced Qualitative Data Analysis (3)

JUS 640 Theoretical Perspectives on Justice (3)

Students entering the doctoral program with a master's degree or JD are required to complete 54 credit hours:

- Eighteen credit hours are comprised of any combination of additional elective courses, reading or conference hours, or research hours.
- Fifteen credit hours are elective classroom hours; nine credit hours must have a JUS prefix.
- Nine credit hours are PhD core courses.
- Twelve credit hours are earned as dissertation research.

Students entering the doctoral program without a master's degree or JD are required to complete 84 credit hours:

- Nine credit hours are required doctoral courses.
- Twelve credit hours are earned as dissertation research credit.
- Twelve credit hours are 500-level foundation courses.
- Twenty-four credit hours are elective classroom hours; 15 credit hours must have a JUS prefix.
- Twenty-seven credit hours are comprised of any combination of additional elective courses, reading and conference hours or research hours.

Concurrent Degrees:

This degree is also offered as concurrent degree with Juris Doctor (JD)

Admission Requirements:

All applicants must submit the online graduate admission application and upload additional items. Applicants must upload the following items through the online application process. Please see the program website for application deadlines.

- a personal statement (one-and-a-half to two pages, double-spaced) outlining areas of interest, educational and career goals
- three letters of reference (academic references are preferred)
- a writing sample, 10 to 15 pages (research that best represents the applicant's academic thinking and writing skills)
- GRE scores

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/content/justice-studies-phd>

WILSN 125

SSTgraduate@asu.edu

480-965-7682

Liberal Studies, MLSt (LAMLSMLS)

Online Degree Search Title: Liberal Studies (MLSt)

Campus: Tempe, Online

Program Description:

The MLSt offers students interested in a transdisciplinary approach to human ideas and values an opportunity to expand their liberal arts backgrounds. The program is intended for students seeking a graduate degree that explores the integration of the humanities with political, religious, social and scientific questions within their cultural contexts. The program connects students to the entire College of Liberal Arts and Sciences and integrates the disciplines.

Degree Requirements: 30 credit hours including the required applied project course (MLS 593).

Students are required to take three core classes, six electives and an applied project.

Core courses: (12 credit hours; choose three courses)

MLS 501 Writing About Social Issues (3)

MLS 502 Religion, Health and Culture (3)

MLS 503 Ethics, Science and Culture (3)

MLS 504 Film and Media Studies (3)

Electives: (18 credit hours)

18 credit hours of electives; no more than nine in the same department

Emphasis areas available:

- borders: migration, health and cultural identity
- gender, religion and culture
- science, nature and creative nonfiction writing

Admission Requirements:

Applicants must submit:

- an online graduate admission application
- letter of interest in the program
- resume, biographical statement or curriculum vitae

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-liberal-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of

Dean, College of Liberal Arts and Sciences

<https://clas.asu.edu/content/liberal-studies-mlst>

WHALL 239

paulmorris@asu.edu

480-727-0819

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 in liberal studies with a concentration in film and media studies offers students interested in a transdisciplinary approach to international human ideas and values an opportunity to expand their liberal arts background through the study of film and media in society. The program is intended for students seeking a graduate degree that explores the integration of the humanities with political, religious, social and scientific questions within their cultural contexts. Studies focus on the aesthetics and theory of international film and media. The program connects students to the entire College of Liberal Arts and Sciences and integrates the disciplines.

Degree Requirements: 30 credit hours including the required applied project course (MLS 593).

Students are required to take three core classes, six electives and an applied project. We offer four core classes and students select any three of the four offered.

Core Courses:

MLS 501 Writing About Social Issues (3)
MLS 502 Religion, Health and Culture (3)
MLS 503 Ethics, Science and Culture (3)
MLS 504 Film and Media Studies (3)

Electives (18)

Admission Requirements:

Applicants must submit:

- an online graduate admission application
- a letter of interest in the program
- a resume, biographical statement or curriculum vitae

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Dean, College of Liberal Arts and Sciences
<https://clas.asu.edu/content/liberal-studies-film-and-media-studies-mlst>
WHALL 239
paulmorris@asu.edu
480-727-0819

Linguistics (certificate), Certificate (LALINGUICE)

Online Degree Search Title: Linguistics (Grad Certificate)

Campus: Tempe

Program Description:

This transdisciplinary graduate certificate in linguistics offers students in several fields the opportunity to gain an understanding of the way in which languages are structured, how they are acquired and how they vary over time, space, social distance and situational contexts.

The skills acquired through the completion of the core courses for this certificate include:

- analytical abilities
- critical thinking
- effective communication
- 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.

The required nine credit hour core of the certificate consists of courses in:

- discourse analysis and pragmatics
- phonology
- syntax

The other nine credit hours (three courses) may be chosen from fields such as:

- applied linguistics
- educational linguistics
- natural language processing
- second language acquisition
- sociolinguistics

Prerequisite: Students must have completed an introductory course in linguistics taken at the upper-division or graduate level. Consult the certificate program director for advice.

All certificate course work must be completed with an average grade of "B" (3.00 on a 4.00 scale) or higher.

Admission Requirements:

The graduate certificate in linguistics is available to all ASU graduate students irrespective of their major and to nondegree graduate students and working professionals provided they meet eligibility criteria. Students are advised that up to 12 credit hours with grades of "B" (3.00 on a 4.00 scale) or better may be applied to a graduate degree or certificate program if taken within three years of admission to an ASU degree program while under nondegree or certificate status. Students should check with their academic advisor for approval of appropriate course work.

Eligibility requirements for obtaining the graduate certificate include:

- completion of an undergraduate bachelor's degree from a U.S.-accredited institution or equivalent
- formal knowledge of a foreign language, equivalent to two years of study of a foreign language at the university level or plans to fulfill the language requirement concurrently with certificate courses*
- an introductory course in linguistics at the upper-division or graduate level

*The language requirement may be met by completion of courses through the second-year level (four semesters) at ASU or elsewhere; or completion of an upper-division language course with an average of "B" (3.00 on a 4.00 scale) or better for all such course work (200- or 300-level); or through examination, indicating placement above the 200-level. (Language placement tests are available online at the Language Placement Policies and Tests website. See: <https://international.clas.asu.edu/student-life/academic-advising/placement-testing> (<https://international.clas.asu.edu/student-life/academic-advising/placement-testing>.) 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 course work in order for their certificate to be granted.

Application Process:

Applications are accepted year-round. Applicants must complete the online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Refer to the Department of English webpage for 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>)

Supporting documents consisting of a resume and statement of purpose must be uploaded into the online application. The statement should be a one- to two-page, well-considered statement of purpose detailing the student's background and reasons for wanting to complete the linguistics certificate.

Once the online application has been submitted, the student should send a copy of unofficial transcripts, statement of purpose and resume via email to the graduate program manager in the Department of English with the subject line: Linguistics Certificate Application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

For further information see <https://english.clas.asu.edu/node/239> (<https://english.clas.asu.edu/node/239>).

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/239>
LL 543B
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:

This MA program in linguistics and applied linguistics focuses on the study of human language and the application of that study to the human condition. The curriculum provides foundational training in linguistics and applied linguistics at the master's degree level with focused research in several areas such as phonetics, phonology, syntax, semantics and pragmatics. Second-language acquisition and second-language teaching and

learning, TESOL (teaching English to speakers of other languages), and language contact and change (including World Englishes) are also research possibilities in addition to sociolinguistics, language planning, discourse analysis, language and cognition.

Degree Requirements:

Required Degree Program Core Courses (3 credit hours):

LIN 515 American English (3) or LIN 516 Pragmatics and Discourse Analysis (3)

General Linguistics Track

Required Courses (6 credit hours):

LIN 511 Phonetics and Phonology (3)

LIN 514 Syntax (3)

Required Research Course (3 credit hours)

LIN 500 Research Methods (3)

Electives (12-15 credit hours):

One 500 level linguistics course

One 600 level linguistics course

two or three additional electives depending on the student's choice of the thesis or applied project option

Applied Linguistics Track

Required Courses: (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)

Required Research Course: (3 credit hours)

LIN 500 Research Methods (3)

Electives: (12-15 credit hours)

two additional 500- or 600-level linguistics courses

two or three additional electives depending on the student's choice of the thesis or applied project option

Culminating Experience: (3 or 6 credit hours)

LIN 599 or APL 599 Thesis (6)

LIN 593 or APL 593 Applied Project (3)

Total required credit hours: 30

Language: 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" (3.00 on a 4.00 scale) or better 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" (3.00 on a 4.00 scale) or better 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 course work at least the 100- and- 200- level 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 will satisfy this requirement; courses conducted in English will not. The Department of English does not require its graduate students to write papers in the approved language. GER 494/598 Topic: German for Reading Knowledge, FRE 494/598 Topic: French for Reading Knowledge and ITA 494/598 Topic: Italian for Reading Knowledge will also satisfy the requirement.

**The course work must have been successfully completed no more than six years prior to admission to the degree program.

Admission Requirements:

Degree: Faculty will consider 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, speech and hearing science.

LIN 510 Linguistics or its equivalent such as SLC 400 or ASB 480 is prerequisite to many core and required courses. If a student has not taken LIN 510 before acceptance into the program, they should take it concurrently with other 500-level courses in the first semester of the program and it will count as an elective on the student's plan of study. Students should consult with their academic advisor for any previously taken courses that may meet this prerequisite requirement.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program is required.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. International students applying to graduate programs in the Department of English at ASU must submit evidence of English proficiency. This can be done in one of three ways:

- one of the following results on a standardized English proficiency test*: (a) 100 (iBT) or 600 (PBT) or higher on the TOEFL; (b) 7.0 or higher on the IELTS
- a grade of "A" in all Advanced 2 classes in the ASU American English and Culture Program (AECPP) (<https://learnenglish.asu.edu/>)
- one of the following from a regionally accredited college or university in the US: (a) a bachelor's degree or higher; (b) at least 90 semester hours of undergraduate course work with a cumulative GPA of 3.00 or higher on a 4.00 scale; (c) at least 12 semester hours of graduate course work with a cumulative GPA of 3.00 or higher on a 4.00 scale.

A minimum score of 55 on the Test of Spoken English (TSE) or Speaking Proficiency English Assessment Kit (SPEAK) is also required for teaching assistants.

Required Admission Examinations: None

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/245>
LL 543B
enggrad@asu.edu
480-965-3194

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. The curriculum provides foundational and advanced training in linguistics and applied linguistics with focused research in several areas such as phonetics, phonology, syntax, semantics and pragmatics. Second-language acquisition and second-language teaching and learning, TESOL (teaching English to speakers of other languages), and language contact and change (including World Englishes) are also research possibilities in addition to sociolinguistics, language planning, discourse analysis, language and cognition.

The degree will encourage students to work with faculty from across the university and its various units and to develop transdisciplinarity and interdisciplinarity in their research.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a foreign language exam, a prospectus and a dissertation.

Required Core Courses: (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 Disciplinary Discourses (3)

Elective or Research Courses: (24 credit hours)

LIN 500 Research Methods (3)

Specialization (21)

Foreign Language Requirement*

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 hours will be made up of additional elective course work approved by their supervisory committee. If they have not taken the equivalent of LIN 510 in the 30 hours, they will have to take that course.

Total required credit hours: 84

*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 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" (3.00 on a 4.00 scale) or higher 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" (3.00 on a 4.00 scale) or higher 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
- 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 course work at least at the 100 and 200 level 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***

**This foreign language must be in a language approved by the student's doctoral supervisory committee.

***The course work must have been successfully completed no more than six years prior to admission to the degree program.

Admission Requirements:

Degree: Faculty will consider 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, speech and hearing science.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program is required.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. International students applying to graduate programs in the Department of English at ASU must submit evidence of English proficiency. This can be done in one of three ways:

- one of the following results on a standardized English proficiency test*: (a) 100 (iBT) or 600 (PBT) or higher on the TOEFL; (b) 7.0 or higher on the IELTS.
- a grade of "A" in all Advanced 2 classes in the ASU American English and Culture Program (AECPP) (<https://learnenglish.asu.edu/>); (<https://learnenglish.asu.edu/>);
- one of the following from a regionally accredited college or university in the US: (a) a bachelor's degree or higher; (b) at least 90 semester hours

of undergraduate course work with a cumulative GPA of 3.00 or higher on a 4.00 scale; (c) at least 12 semester hours of graduate course work with a cumulative GPA of 3.00 or higher on a 4.00 scale

A minimum score of 55 on the Test of Spoken English (TSE) or Speaking Proficiency English Assessment Kit (SPEAK) is also required for teaching assistants.

Required Admission Examinations: GRE

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/241>
LL 543B
enggrad@asu.edu
480-965-3194

Literary Translation Studies (Certificate), Certificate (LALTSGRCT)

Online Degree Search Title: Literary Translation Studies (Grad Certificate)

Campus: Tempe

Program Description:

The graduate certificate in literary translation studies is a transdisciplinary program offering course work that provides:

- intensive engagement of students in translation practice
- investigation of issues related to the cultural role of the translator and translation
- studies in the variety of theoretical approaches to translation in the 20th and 21st centuries
- studies in trans-historical 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 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 in what is one of the most globally relevant fields in the 21st century.

Degree Requirements: 15 credit hours including an applied project course (ENG 593 or SLC 593)..

Required Courses: (6)

ENG 550 Translation (3)

SLC 551 Global Approaches to Translation (3)

Electives: (6) (students choose two from the list below)

CHI 543 Chinese Language and Linguistics (3)

CHI 691 Seminar Topic: Critical Perspectives on Modern Chinese Literature (3)

ENG 603 Advanced Studies in Comparative Literature (3)

ENG 656 Studies in Cross-Cultural Discourse (3)

FRE 421/598 Structure of French (3)

FRE 598 Special Topic: Text and Performance in Medieval France (1-4)

GER 494/598 Special Topic: German Modernism (1-4)

GER 494/598 Special Topic: Weimar German Cinema (1-4)

GER 521 History of German Language (3)

JPN 543 Japanese Language and Linguistics (3)

LIN 510 Linguistics (3)

SLC 429/598 Topic: Politics and Culture in European Short Fiction (3)

SLC 494/598 Special Topic: Interdisciplinary Approaches to Syntax (1-4)

SPA 539 General Spanish Linguistics (3)

SPA 543 Structure of Spanish (3)

SPA 565 20th-Century Spanish Drama (3)

SPA 567 Contemporary Spanish Novel (3)
SPA 575 Contemporary Spanish American Novel (3)
TCL 445/598 Transborder Latin American Short Story (Spanish Language only) (3)
TCL 446/598 Comparative Bilingual Latina/o Poetics (3)
TCL 488/598 Border Global Narratives (3)
THE 504 Studies in Dramatic Theory and Criticism (3)

Culminating Experience: (3)

ENG 593 Applied Project (3) or SLC 593 Applied Project (3)

Admission Requirements:

Students eligible for admission into the literary translation studies certificate program will meet the following eligibility requirements:

- Students should have an undergraduate degree from an accredited college or university or be a current ASU graduate student or nondegree-seeking applicant with demonstrated language proficiency. Because this is a certificate program in literary translation, it is to be expected that the majority of students applying for admission may be drawn from a discipline in the humanities or the fine arts (for example, English, history, theatre, or modern or classical languages taught in the School of International Letters and Cultures). However, prospective students from any discipline who would find intensive study of literary translation of use and interest may apply if they meet the required criteria.
- A minimum cumulative GPA of 3.00 or higher (scale is 4.00 = "A") in the last 60 credit hours of a student's first bachelor's degree program and a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.
- Students who are not in the College of Liberal Arts and Sciences must fulfill the requisite language requirements for admission. The language requirements can be fulfilled at the undergraduate level at ASU or another accredited institution.

Students 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).

OR

- Students should have passed a language proficiency exam achieving advanced level in the target language. The language proficiency test in reading and writing will be administered by the relevant language program (i.e., French, German, Italian, Spanish, etc.).
- All students must attain advanced level (equivalent of advanced American Council on the Teaching of Foreign Languages requirements, approximately equivalent to six semesters of undergraduate study) in reading and writing as measured by a written exam in the target language (i.e., French, German, Italian, Spanish) as a prerequisite for taking SLC 551 Global Approaches to Translation (3). See ACTFL (<http://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012> (<http://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012>)).

Applicants must complete an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/node/71>
LL 302C; LL 402C
Cynthia.Tompkins@asu.edu
480-965-2826

Marriage and Family Therapy, MAS (LAMFTMAS)

Online Degree Search Title: Marriage and Family Therapy (MAS)

Campus: Tempe

Program Description:

The purpose of this self-contained accelerated program is to provide high-quality course work and supervised internship experiences that meet the degree requirements for licensure in the State of Arizona to practice marriage and family therapy as determined and laid out by the Arizona Board of Behavioral Health Examiners. The degree requirements are specified by the board, and 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 MAS program in marriage and family therapy requires the successful completion of a minimum of 39 credit hours and a project, including required course work 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 in all course work and satisfactorily meet the expectations of the agency supervising their internship.

Foreign Language Requirements: none

Thesis Requirements: none

GRE Scores: GRE scores are waived for this program.

Transportation: Students are required to have a vehicle and a valid Arizona driver's license for internship placement.

Written/Oral Internship Examination: An internship entrance examination will be held at the end of the first 7-1/2-week semester, to demonstrate readiness for internship placement.

Admission Requirements:

Applicants must submit the online graduate admission application.

Admission to the program is determined by the following criteria:

- a personal statement
- admission to ASU's Division of Graduate Education
- official transcripts of the applicant's academic record
- three letters of recommendation from individuals familiar with the applicant's academic background

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanforsschool.asu.edu/marriage-and-family-therapy-mas>
SS 144
graduatesanford@asu.edu
480-965-6978

Mathematics, MA (LAMATHMA)

Online Degree Search Title: Mathematics (MA)

Campus: Tempe

Program Description:

The MA program 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
- statistics

Degree Requirements: 30 credit hours and 2 written comprehensive exams, or 30 credit hours, a thesis and a written comprehensive exam.

Thesis option

The degree program requires:

- 30 credit hours of math or math-related graduate course work, of which six credit hours must consist of the thesis (599)
- one qualifying sequence examination
- a final oral examination in defense of the thesis

Nonthesis Option

The degree program requires:

- 30 credit hours of math or math related graduate course work

- two qualifying sequence examinations

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Computational Mathematical Sciences, BS
Mathematics, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit:

- the online graduate admission application
- official general GRE scores from ETS
- official transcripts
- a statement of education and career goals
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Minimum background for consideration of admission to the master's degree program includes:

- a bachelor's degree in mathematics or a closely related area with a 3.00 GPA (4.00 scale)
- course work in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371)

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degree-programs/graduate-studies>
WXLR 216
grad.math@asu.edu
480-965-3951

Mathematics, PHD (LAMATHPHD)

Online Degree Search Title: Mathematics (PhD)

Campus: Tempe

Program Description:

The PhD is intended for students with superior mathematical ability. It 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.

- Students must pass two qualifying examinations, a written comprehensive examination and an oral dissertation prospectus. See the school website for examination information.
- Students must register for 12 credit hours of dissertation (799).
- Students must write a dissertation and defend it orally in front of five dissertation committee members.

Admission Requirements:

Applicants must submit:

- the online graduate admission application
- the general GRE scores from ETS
- official transcripts from all undergraduate and graduate studies
- a statement of education and career goals
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The minimum background for consideration of admission to the doctoral program in mathematics includes:

- a bachelor's degree in mathematics or a closely related area with a 3.00 or better GPA (on a 4.00 scale)
- course work in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371)

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of Mathematical and Statistical Sciences
<https://math.asu.edu/degree-programs/graduate-studies>
 WXMLR 216
 grad.math@asu.edu
 480-965-3951

Mathematics Education, PHD (LAMTEPHD)

Online Degree Search Title: Mathematics Education (PhD) (Mathematics and Statistics Dept - Grades 9-20)

Campus: Tempe

Program Description:

This transdisciplinary program 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 will allow them to deal broadly with mathematics problems of:

- 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.

Program requirements include the following:

- 12 credit hours of Research in Undergraduate Mathematics Education (RUME) 1-4, with qualifying exams given in RUME 1 and 2
- four graduate math courses from a list of options (see the school website for examination information)
- six credit hours of research (MTE 792)
- a written comprehensive examination
- an oral comprehensive examination
- an oral dissertation prospectus defense
- 12 credit hours of dissertation (MTE 799)

Each student must write a dissertation and defend it orally in front of five dissertation committee members.

Admission Requirements:

Applicants must submit:

- the graduate online admission application
- the official general GRE scores (students must be competitive in an applicant pool)
- official transcripts
- a statement of education and career goals
- three letters of recommendation (at least two of these must be from faculty)
- a writing sample

Minimum background for consideration of admission to the PhD program in mathematics education includes a master's degree in mathematics or a closely related area with a 3.00 GPA (on a 4.00 scale) or a bachelor's degree in mathematics or a closely related area with exceptionally high grades and advanced course work in mathematics.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degree-programs/graduate-studies>
WXLR 216
grad.math@asu.edu
480-965-3951

Medieval Studies (certificate), Certificate (LAMEDSTCE)

Online Degree Search Title: Medieval Studies (Grad Certificate)

Campus: Tempe

Program Description:

The certificate program 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 (MA certificate), or 27 credit hours (PhD certificate).

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) 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*

*This requirement presupposes 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 course work 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:

All applicants to any certificate program must submit the online graduate admission application. Graduate students admitted to a degree program in any field may earn one of two available certificates at the master's degree or doctoral degree level: the certificate in medieval studies or the certificate in Renaissance studies.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://acmrs.org/academic-programs/certificate>
COOR 4432
acmrs@asu.edu
480-965-8097

Microbiology, MS (LAMICROMS)

Online Degree Search Title: Microbiology (MS)

Campus: Tempe

Program Description:

The MS in microbiology is designed to prepare students for careers in teaching and research on various aspects of microbiology. Teaching or

research may be performed in:

- educational institutions
- government agencies
- industry

Degree Requirements: 30 credit hours and a thesis.

Core (3)

MIC 501 Foundations of Microbiology (3)

Electives and Research (21)

Culminating Experience:

MIC 599 Thesis (6)

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- A minimum of a bachelor's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited college or university is required.
- A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- letters of recommendation
- GRE scores

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/graduate>
LSA 181
sols.grad@asu.edu
480-965-1768

Microbiology, PHD (LAMICROPHD)

Online Degree Search Title: Microbiology (PhD)

Campus: Tempe

Program Description:

The microbiology graduate program offers a dynamic research environment, 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 to address significant global microbiological problems and challenges.

The program prepares students for research and teaching careers in universities and colleges, government agencies and industry.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The plan of study is designed by the student and the supervisory committee, which consists of a professor in the major and three additional faculty members. The program is tailored to the needs of the individual student.

- Eighty-four credit hours are required.
- A formal defense of the final written dissertation is required prior to graduation.
- The remaining credit hours are comprised of course work showing breadth in microbiology and related disciplines, seminars and research.
- Twelve credit hours of dissertation are required.
- Written and oral comprehensive examinations are required in order to advance to candidacy.

Admission Requirements:

Applicants must submit the online graduate admission application.

Applicants should have:

- a 3.00 minimum GPA (scale is 4.00 = "A") during the last two years or last 60 credit hours of undergraduate or master's degree studies, with a significant number of science credits included in these
- completion of the requirements for an undergraduate major in biology, microbiology, chemistry or related discipline, with a strong background in mathematical and physical science
- minimum GRE scores in verbal (50th percentile), quantitative (70th percentile) and writing (5)
- proof of English proficiency for an applicant whose native language is not English, regardless of current residency*

*The following minimum test scores are acceptable as proof of English proficiency:

- International English Language Testing System (IELTS): overall band score of at least 6.5 with no band below 6.0
- Pearson Test of English (PTE): 60
- Test of English as a Foreign Language (TOEFL): 600 paper-based or 100 Internet-based

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
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 transdisciplinary molecular and cellular biology program is led by an interactive community of scientists dedicated to promoting a collaborative environment that encourages transdisciplinary, innovative, world-class research. The MS in molecular and cellular biology program is designed to provide diverse training opportunities for graduate students to prepare for successful careers in biological sciences.

Degree Requirements: 30 credit hours and a thesis.

Core: (9)

MCB 555 Advanced Molecular and Cellular Sciences (6)

MCB 556 Advanced Molecular and Cellular Biology II (3)

Elective or Research (11)

Additional Requirement:

MCB 501 Seminar: Molecular and Cellular Biology Colloquium (4)*

Culminating Experience:

MCB 599 Thesis (6)

*Students are required to take MCB 501 each semester they are registered. If a student is registered for more or less than four semesters, the research hours and MCB 501 hours may be adjusted accordingly to reach 30 credit hours.

Accelerated Degrees:

This degree is also offered as an accelerated 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

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants should have:

- a bachelor's degree in the biological sciences, biochemistry or a closely related field from a regionally accredited college or university
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program.

Applicants must submit all the items below to complete an application file. Incomplete files will not be reviewed or considered until complete. Please see the program website for application deadlines.

- an online graduate admission application
- official transcript from each college or university attended
- an English proficiency exam for any applicant whose native language is not English*
- official GRE general exam scores
- letters of recommendation

*International applicants may find complete information on the English proficiency exams and other required documents on the graduate admission website: <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/graduate>
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 span traditional disciplinary boundaries. Research in this exciting field is focused on understanding the fundamental molecular events that are at the core of all life. The goal of the program is to provide 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. The broad-based training provides the necessary skills for professional careers in academic institutions, governmental institutions and industry, particularly those related to health and chemical sciences.

Participating faculty members and researchers are drawn from multiple departments, colleges, centers and institutes across the university, including the School of Life Sciences; the Department of Chemistry and Biochemistry; the School of Biological and Health Systems Engineering; the School for Engineering of Matter, Transport and Energy; the School of Mathematical and Statistical Sciences; the School of Human Evolution and Social Change; the Department of Psychology; and the New College of Interdisciplinary Arts and Sciences. Participating faculty members are also based at partner institutions in the greater Phoenix area, including the Translational Genomics Research Institute, Mayo Clinic in Arizona, Barrow Neurological Institute, Carl T. Hayden Veteran's Administration Medical Center and 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.

The plan of study is designed by the student and the supervisory committee, consisting of a professor in the major and three additional faculty members (the professor in the major and one other must be from the molecular and cellular biology core faculty).

- Eighty-four credit hours are required.
- A formal defense of the final written dissertation is required prior to graduation.
- An oral and written comprehensive examination are required in order to advance to candidacy.
- Twelve credit hours of dissertation are required and the remaining credit hours are comprised of core course work, seminars and research.

Admission Requirements:

All applicants must submit the online graduate admission application. Admission criteria are as follows:

- a 3.00 minimum GPA (on a 4.00 scale) during the student's last two years or last 60 credit hours
- minimum general GRE scores in verbal, quantitative and writing (subject GRE not required)
- Test of English as a Foreign Language (TOEFL) scores of 600 (paper-based) or 100 (Internet-based) for students whose native language is not English

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
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 museum studies master's degree program examines how museums produce and reflect culture and 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 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: 30 credit hours and a research portfolio.

The MA in museum studies requires that all students complete the following three core courses, two of which must be taken during the first year of study:

- ASB 500 Museum Studies Research Methods (3)
- ASB 574 Exhibition Design and Development (3)
- ASB 579 Critical Issues in Museum Studies (3)

Students must complete six credit hours of internship (ASB 584) 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. On

completion, students must submit a journal or portfolio about the internship and skills acquired.

Additionally, six hours of ASB 592 Research and three approved elective courses are required. For a list of approved courses, please contact the school.

Admission Requirements:

Students must submit an online graduate admission application. Please see the program website for application deadlines and admission terms. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- a statement of purpose outlining career and educational goals
- a current curriculum vitae or resume
- an optional sample of their written work
- three letters of recommendation
- official GRE scores
- transcripts of all undergraduate and graduate course work

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

Museum Studies (certificate), Certificate (LAMUSEUMCE)

Online Degree Search Title: Museum Studies (Grad Certificate)

Campus: Tempe

Program Description:

The museum studies program examines how museums produce and reflect culture and 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 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.

Eighteen credit hours are required, which include 12 hours of required course work and a six credit hour internship at an approved museum.

For a list of approved courses, please contact the school. Certificate students may choose to specialize in areas such as anthropology, art history and 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 cumulative GPA of at least 3.00. 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:

Students must submit an online graduate admission application. Please see the program website for application deadlines. For information on

spring admission, please contact the school. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide:

- a current curriculum vitae or resume
- a statement of purpose outlining career and educational goals
- an optional sample of their written work
- official GRE scores
- three letters of recommendation
- transcripts of all undergraduate and graduate course work
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Suitable backgrounds for admission include disciplines related to museum studies, anthropology, history or art (fine art or art history).

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/LAMUSEUMCE/Gedt.html> (<https://catalog.asu.edu/files/disclosures/LAMUSEUMCE/Gedt.html>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shescgrad@asu.edu
480-965-6215

Nanoscience, PSM (LANANPSM)

Online Degree Search Title: Nanoscience (PSM)

Campus: Tempe

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 PSM in nanoscience program 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.

Degree Requirements: 30 credit hours including the required applied project course (NAN 593).

Core courses account for 15 of the 30 credits, including society- and intellectual property-based courses in addition to core science courses. 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.

The program includes a two-semester, student-centered professional seminar where the central role of the program as a vehicle for innovation emerges. During the spring semester and summer session, students conduct an individual applied project in association with a research group. The degree does not require a thesis. Rather, the applied project forms the basis of the final capstone presentation.

Courses (two or three credit hours each):

core (5):

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)**

elective or research (15)

culminating experience (6):

NAN 593 Applied Project (6)

other requirements (4):

NAN 591 Professional Seminar (4)

*Students must take NAN 505 or NAN 506. Students may take the other course as an elective.

**Students with a physical science or engineering background should take NAN 571 Quantum Physics (3) and students with a biochemistry or life sciences background should take NAN 544 Introduction to Nanoscience (3).

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 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 our two-year, part-time program, which allows prospective students and their employers flexibility in scheduling their program of study.

Accelerated Degrees:

This degree is also offered as an accelerated 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements: • Applicants must submit an online graduate admission application, with accompanying materials as specified on the Division of Graduate Education website.

• Applicants who hold a bachelor's degree from a regionally accredited institution in physics, chemistry or a related field are eligible to apply to the program.

• GRE scores are not required for application, but will be taken into consideration if submitted.

• This program also seeks to attract students already employed in related areas, and who wish to become knowledgeable and skilled in nanoscience.

• A Test of English as a Foreign Language (TOEFL) or equivalent score will be required for applicants whose native language is not English.*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

Department of Physics

<https://nanoscience.asu.edu/>

PSF 470

nanoscience@asu.edu

480-965-3561

Natural Science (Geological Sciences), MNS (LANATSCIMN)

Online Degree Search Title: Geological Sciences (MNS)

Campus: Tempe

Program Description:

The School of Earth and Space Exploration participates in the program leading to the MNS in natural science, concentration in geological sciences. This transdisciplinary degree is designed to meet the needs of professionals seeking a graduate-level degree. The program offers the opportunity for transdisciplinary graduate training in the natural sciences (i.e., biological sciences, mathematics and physical sciences) and cognate areas.

The degree program is especially suited for individuals who desire professional training rather than research training. Because of designed flexibility, the degree also offers the opportunity for individualized professional graduate programs depending upon the backgrounds and goals of the students. Students are expected to emphasize course work in two or more areas of concentration. The program must be transdisciplinary.

Degree Requirements: 30 credit hours and an applied project.

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 will develop a suitable applied project with the approval of the supervisory committee.

A program of study is recommended by the supervisory committee after conferring with the student. 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. All students admitted to this program are also required to take two seminars:

GLG 500 SESE Colloquium (1)

GLG 591 Faculty Research Seminar (1)

In some cases, undergraduate courses may be required to remove deficiencies. An applied project is required; however, a thesis is optional. For the thesis option, a final written or oral examination, or both, is required. Each examination is administered by the supervisory committee.

Admission Requirements:

Students applying for admission to the program must submit:

- an online graduate admission application
- GRE scores
- a statement of purpose
- three letters of recommendation

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu/>
ISTB4 795
sese-grad@asu.edu
480-965-5081

Natural Science (Physics), MNS (LAPHYSMNS)

Online Degree Search Title: Physics (MNS)

Campus: Tempe

Program Description:

The MNS curriculum provides transdisciplinary graduate training in physics, physical science or physics education. The degree is especially suited for high school science teachers who desire professional training rather than research training. 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 course work 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).

Supervisory Committee:

- The graduate advisor and the student suggest persons to serve on the supervisory committee. The supervisory committee recommends the plan of study, after conferring with the student.
- The supervisory committee, consisting of three faculty members, is appointed by the vice provost for Graduate Education upon the recommendation of the chair of the Department of Physics.
- The supervisory committee is formed soon after the student has been admitted to the degree program and must reflect the transdisciplinary nature of the program.

- The supervisory committee may require more courses, depending upon the background of the student 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 an MNS 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. Additional information about the MNS for high school physics teachers is available at: <https://physics.asu.edu/graduate/mns/> (<https://physics.asu.edu/graduate/mns/>).

Admission Requirements: • Applications must be submitted online with accompanying materials as specified by Graduate Admission Services. To obtain application forms, access the graduate admission website.

- 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.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.*

*A Test of English as a Foreign Language (TOEFL) or equivalent score will be required from applicants whose native language is not English.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of Physics
<https://physics.asu.edu>
PSF 470
physics.grad@asu.edu
480-965-3561

Neuroscience, PHD (GCBMENPHD)

Online Degree Search Title: Neuroscience (PhD)

Campus: Tempe

Program Description:

Neuroscience involves the study of the nervous system and its relation to an organism's function. It encompasses how gene and nerve networks interact with the environment throughout an organism.

The PhD program in neuroscience degree will integrate 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 will include but are not limited to: The Barrow Neurological Institute, Translational Genomics Research Institute, University of Arizona College of Medicine, the Mayo Clinic and Sun Health.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The program requires the completion of 84 credit hours of which only 12 hours are dissertation credits. At least 18 credits of formal course work are required. In consultation with their committee and their supervisor or mentor, students will be able to customize their plan of study to suit their particular interests and goals. Each student completes six credit hours of the core course credits. The core course sequence must be completed before the oral and written evaluation examinations are taken. Additional credits will be comprised of specialized disciplinary courses or research credits chosen in consultation with their mentor and advisory committee.

A one-credit-hour journal club seminar will be required each semester.

Advancement to candidacy will be dependent on successfully passing a formal comprehensive examination that includes a written proposal of the dissertation research and an oral examination in the broader areas that pertain to that research study. When the research is completed, the dissertation must be written and presented in a public seminar and successfully defended before the supervisory committee.

Admission Requirements:

Applicants must submit an online graduate admission application plus the appropriate documents, including three letters of recommendation and official GRE scores.

The graduate committee will be responsible for decisions concerning potential recruitment of students and admission recommendation of students to the program. They will also be highly active in the recruitment procedure each year.

A bachelor's degree in science or engineering from a regionally accredited institution (or an equivalent degree) is required. Applicants must submit the following:

- an online graduate admission application
- a statement of career and educational goals
- names of at least three neuroscience faculty in area of interest
- official GRE scores
- official transcripts of all undergraduate and graduate course work
- three letters of recommendation (two of which should be academic recommendations)
- official TOEFL scores (native language is not English)*
- current curriculum vitae or resume
- the Interdisciplinary PhD in Neuroscience Program Academic Record Form

Regular admission may be granted to applicants who have achieved a GPA of 3.00 (on a 4.00 scale) 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 GRE verbal, quantitative and analytical scores, the statement of educational and career goals and the letters of recommendation. Particular attention will be paid to research experience and overall preparation in problem-solving abilities as evidenced by previous course work, research experiences and GRE scores.

Because this program draws on an extremely broad range of disciplinary backgrounds in recruiting students, there is no specific set of undergraduate course requirements other than those implied by the degree requirements described above. Most students will be expected to have had course work in biology, chemistry and math, or demonstrated ability through a subject test GRE. During the first semester, student progress in the core course will be closely monitored for difficulty in specific areas.

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<http://sols.asu.edu>
LSA 181
sols.grad@asu.edu
480-965-1768

Nonfiction Writing and Publishing (Certificate), Certificate (LANWPGRCT)

Online Degree Search Title: Nonfiction Writing and Publishing (Grad Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

Students in the nonfiction writing and publishing certificate program will learn good writing, which includes the ability to read, analyze and synthesize information and concepts and to express them with words. Graduates will have a portable, professional skill that can transcend disciplines and equip them for life both within and beyond the academy. Graduates will have the skills to publish analyses and narratives of complex ideas and knowledge for diverse audiences, from scholars to various public audiences. The certificate embraces all varieties of nonfiction:

- biography
- blogs and other types of Web writing
- creative nonfiction
- essays
- formal scholarship
- genre-specific rhetoric
- journalism
- narrative history
- op-eds
- popular science writing
- young adult literature
- and any other types of prose not based on fiction

The certificate program is unique as it is embedded in specific academic content areas including disciplinary-specific and transdisciplinary areas.

Degree Requirements: 15 credit hours.

Core Courses: (3 credit hours)

HPS 520 or HST 520 Masters of Nonfiction Writing (3)

Electives: 12 credit hours

Culminating Experience: None Required

Admission Requirements:

Degree: Applicants must hold a bachelor's degree or higher from a regionally accredited U.S. 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 are encouraged to enroll in a graduate degree program in conjunction with this certificate but are not required to do so.

Applicants must submit:

- the nonfiction writing and publishing certificate application
- official transcripts
- writing sample

GPA: Applicants must have maintained a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semesters or 90 quarter hours of undergraduate course work.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Dean, College of Liberal Arts and Sciences
<https://shprs.clas.asu.edu>
LSA 220
sols@asu.edu
480-965-4092

Philosophy, MA (LAPHILMA)

Online Degree Search Title: Philosophy (MA)

Campus: Tempe

Program Description:

The MA in philosophy program is designed to prepare students to:

- be employed in any areas that require critical and analytical thinking (such as medicine, law, government or publishing)
- enter doctoral programs in philosophy at other institutions
- teach philosophy at the community college level

Degree Requirements: 30 credit hours and a portfolio, or 30 credit hours and a thesis.

There are two options for the master's degree program in philosophy: the thesis option and the nonthesis portfolio option.

The thesis options requires 30 credit hours of course work, including six credit hours of PHI 599 Thesis.

The nonthesis portfolio option requires 30 credit hours of course work, including three credit hours of PHI 592 Research.

Admission Requirements:

Applicants must submit an online graduate admission application. All applications for admission to the master's degree program in philosophy must be accompanied by:

- the applicant's current curriculum vitae
- the applicant's score in the GRE
- complete transcripts
- a sample of philosophical writing
- a statement of purpose
- three letters of recommendation from persons qualified to judge the applicant's potential for graduate work in philosophy

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/philosophy-MA>
COOR 4595
SHPRSGradInfo@asu.edu
480-965-5778

Philosophy, PHD (LAPHILPHD)

Online Degree Search Title: Philosophy (PhD)

Campus: Tempe

Program Description:

The PhD program in philosophy is designed to prepare students for careers:

- as philosophers
- as teachers of philosophy
- in areas that may benefit from advanced training in philosophy (such as law, civil service and publishing)

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

To ensure breadth in the traditional areas of philosophy, students must pass with a grade of "B" (3.00) or better:

Core course work: (18)

One approved course in each of the following areas

applied philosophy (3)
epistemology (3)
formal methods (3)
history of philosophy (3)
metaphysics (3)
value theory (3)

Electives: (42)

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 of master's degree credit allowance from a previously awarded master's degree may apply toward this requirement.

Research (12)

Dissertation (12)

Total credit hours: 84

Admission Requirements:

Applicants must submit the online graduate admission application. All applications must be accompanied by:

- the applicant's current curriculum vitae
- the applicant's score in the GRE
- complete transcripts
- a sample of philosophical writing
- a statement of purpose
- three letters of recommendation from persons qualified to judge the applicant's potential for graduate work in philosophy

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/philosophy-phd>
COOR 3312
SHPRSGradInfo@asu.edu
480-965-5778

Philosophy (History and Philosophy of Science), MA (LAHPSMA)

Online Degree Search Title: Philosophy (History and Philosophy of Science) (MA)

Campus: Tempe

Program Description:

Nationally, there is great interest in science and in understanding the nature of science and the forces that change scientific research. The job market in philosophy is strong for philosophers of science (and especially in the life sciences) with some positions remaining unfilled even when the market is intensely competitive in other areas. In addition, the history and philosophy of science is becoming a strong disciplinary emphasis within growing professional societies.

Some programs, elsewhere, focus primarily on philosophy or primarily on history, but those that bring the two together are regarded among the strongest in each area. The objective here is to provide a program for students who come to history and philosophy of science from the humanities and who seek a career based in philosophical analysis of the sciences. We have the research strength competitive with any international program.

Degree Requirements: 30 credit hours, including the required capstone course (HPS 551) and a thesis.

Graduate course work for the MS includes:

history of science (3)
philosophy of science (3)
topics in the history of science (3)
topics in the philosophy of science (3)
research methods in the history and philosophy of science (3)
prospectus writing (3)
research and thesis (12)

Admission Requirements:

This program is no longer accepting applications.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://sols.asu.edu/graduate>
LSC 284
SOLS@asu.edu
480-965-8927

Philosophy (History and Philosophy of Science), PHD (LAHPSPHD)

Online Degree Search Title: Philosophy (History and Philosophy of Science) (PhD)

Campus: Tempe

Program Description:

The strength of ASU's history and philosophy of science program is to bring philosophy, history and the study of science together. This degree program combines solid training in the core areas of philosophy with an emphasis on transdisciplinary studies of the sciences, and their:

- conceptual structure
- epistemology
- history
- impacts on society

The program is especially appropriate for students with a background in philosophy who seek to broaden their disciplinary studies with a historical perspective. Applicants will typically come from undergraduate programs that have included philosophical, historical, or history and philosophy of science training or with a master's degree in one of those fields. Science students are eligible as well and will make up relevant undergraduate humanistic core courses during their first years.

Most graduates will seek a career based in philosophical or historical analyses of the sciences.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Graduate course work includes:

history of science (3)
philosophy of science (3)
prospectus writing (3)
research methods in the history and philosophy of science (3)
dissertation (12)
topics in the history of science (3)
topics in the philosophy of science (3)

Additional courses required for the degree include:

advanced logic or approved equivalent (3)
approved philosophy or other relevant courses (9)
a course in history of philosophy (3)
a course in value theory (3)
HPS 615 Biology and Society Lab (3 hours, one credit each)
research or elective courses approved by dissertation chair (33)

Admission Requirements:

This program is no longer accepting applications.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://sols.asu.edu/graduate/history-and-philosophy-science-phd>
LSC 226
SOLS@asu.edu
480-965-1768

Physics, MS (LAPHYSIMS)

Online Degree Search Title: Physics (MS)

Campus: Tempe

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. The 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:

Applications must be submitted online with accompanying materials as specified on the Division of Graduate Education website.

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.

Students applying for admission must submit:

- test scores for the verbal, quantitative and analytical sections of the GRE*
- proof of English language proficiency**

*Submission of scores for the physics GRE subject test is recommended, although not mandatory.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency in the form of a Test of English as a Foreign Language (TOEFL) or equivalent score.

Financial support in the form of teaching or research assistantships is contingent upon:

- satisfactory performance in course work
- timely completion of the final examination for the master's degree
- need and availability of such support

Students on probation are offered financial support only under exceptional circumstances.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, 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 in physics is intended for highly capable students having the interest and ability to follow a career in independent research. Graduates find positions in a variety of settings:

- academic faculty
- administration
- government labs
- industrial labs
- management

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.

The physics doctoral program requires a student to:

- complete 84 credit hours of course work
- pass a written and an oral comprehensive examination
- prepare and defend a doctoral dissertation

Within the newly redesigned and modernized physics graduate curriculum, all doctoral students are required to take 18 credit hours of core physics courses, specifically:

First Semester:

PHY 500 Research Rotation I (3)

PHY 521 Classical and Continuum Mechanics (3)

PHY 541 Statistical Physics (3)

Second Semester:

PHY 500 Research Rotation II (3)

PHY 531 Electrodynamics (3)

PHY 576 Quantum Theory (3)

Course work beyond these 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.

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 very first semester at ASU.

Admission Requirements:

Applications must be submitted online with accompanying materials as specified on the Graduate Admission Services website.

Applicants to the Department of Physics doctoral program must hold at least a baccalaureate from a recognized institution and 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 submit:

- test scores for the GRE*
- TOEFL scores, when applicable**
- complete transcripts
- statement of purpose
- three letters of recommendation

*Scores from the verbal, quantitative and analytical sections of the GRE are required. The subject GRE test scores should also be submitted; submission may be waived in extraordinary circumstances.

**A Test of English as a Foreign Language (TOEFL) score or equivalent test is required from any applicant whose native language is not English (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.

Financial support in the form of teaching or research assistantships is contingent upon:

- satisfactory performance in course work
- timely completion of examinations (including the written and oral PhD comprehensive examinations)
- the need and availability of such support

Students on probation are offered support only under exceptional circumstances. The period for which a doctoral candidate may receive financial

support through the Department of Physics does not normally exceed six years.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, 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 addresses a growing need for botanists and conservation biologists in academic institutions, government agencies and nongovernmental organizations. The MS 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, which is located near ASU's Tempe campus.

Degree Requirements: 30 credit hours and a thesis.

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)

PLB 591 Seminar (1)

Culminating experience: (6 credit hours)

PLB 599 Thesis (6)

Admission Requirements:

An applicant must have a minimum of a bachelor's degree or master's degree in biology, botany or a closely related field from a regionally accredited college or university.

A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

Applicants to this program are required submit the following:

- online graduate admission application, including application fee
- official transcripts
- letters of recommendation
- GRE scores
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of Life Sciences
<https://sols.asu.edu>
 LSA 181
sols.grad@asu.edu
 480-965-1768

Political Science, MA (LAPOLSCMA)**Online Degree Search Title:** Political Science (MA)**Campus:** Tempe**Program Description:**

The MA program in political science provides advanced education for students preparing for teaching, research or applied careers in political science. This degree may be taken as a terminal program or as a step toward eventual fulfillment of the requirements for the PhD. Students who plan to obtain the doctorate at ASU should apply directly to the doctoral program.

Degree Requirements: 30 credit hours and a portfolio, or 30 credit hours and a thesis.

A minimum of 30 credit hours is required for the degree. This program includes two options: a thesis and portfolio (nonthesis).*

- All candidates must take POS 503 and the core courses in the student's major field.
- A maximum of six credit hours in approved courses may be taken outside the department.
- Six credit hours of reading and conferences (POS 590) or independent study (POS 592) may count toward the 30 credit hour requirement.
- Additional hours must be taken in graduate-level courses and seminars each semester until course work is completed.

*If the thesis option is followed, the program must include a combination of three credit hours of research (POS 592) and three credit hours of thesis (POS 599).

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Global Studies, BA
- Political Science, BS
- Political Science, BA

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants must submit the online graduate admission application.

Please see the program website for application deadlines and admission terms.

All required materials will be submitted through the online graduate admission application. These include:

Letters of Recommendation:

Three letters of recommendations are required from people capable of evaluating the applicant's political science expertise. Applicants are asked to provide the name and email addresses of recommenders as directed on the graduate admission application form.

Personal Statement:

Applicants should write a personal statement of one to three pages indicating what area of political science is intended to be studied and why.

If applicable, any honors, scholarships, prizes, honorary societies, etc., that have been received or the applicant belongs to should be included.

Writing Sample:

A writing sample (i.e., research paper) that best represents the applicant's thinking and writing skills in political science or a related subject is required.

Political Science Courses:

To assist in evaluating all candidates, list titles and related information for all previous undergraduate and graduate courses or course work in political science or related fields.

The information should be in a table with the following column headings:

Crs Title | Undergrad Credit Hrs | Graduate Credit Hrs | Grade | Institution | Year

The file must be saved in a .doc, .rtf or .txt format and uploaded with the online graduate admission application.

Test Scores:

GRE scores are required of all applicants. Applicants should ensure that GRE scores are reported on the application form, and they should request to have an official score report sent directly from ETS to Graduate Education. Photocopies are not acceptable.

The institution code with ETS is 4007.

Additional Information

Undergraduate course work 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
COOR 6801
spgs@asu.edu
480-965-8563

Political Science, PHD (LAPOLSCPHD)

Online Degree Search Title: Political Science (PhD)

Campus: Tempe

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 is distinguished by a wide variety of areas of specialization, including:

- American politics
- comparative politics
- international relations
- political theory

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctoral program in political science requires:

- 84 credit hours, which includes POS 503 and POS 603 and 12 credit hours of dissertation research*
- a formal oral defense of the dissertation
- an oral comprehensive examination covering the dissertation prospectus
- the supervisory committee of three members, including the committee chair from the student's major field
- a written comprehensive examination in the major and minor fields

*A maximum of 12 credit hours of approved course work outside the department but within ASU may count toward the 84 credit hours. A maximum of 30 credit hours from a postgraduate program elsewhere may be transferred in and counted toward the 84 credit hours.

Admission Requirements:

Applicants must submit the online graduate admission application.

Please see the program website for application deadlines and admission terms.

All required materials should be submitted through the online graduate admission application. These include:

Letters of Recommendation:

Three letters of recommendation are required from people capable of evaluating the applicant's political science expertise. Applicants are asked to provide the name and email addresses of recommenders as directed on the graduate admission application form.

Personal Statement:

Applicants should write a personal statement of one to three pages, indicating what area of political science is intended to be studied and why. If applicable, any honors, scholarships, prizes, honorary societies, etc., that have been received or the applicant belongs to should be included.

Writing Sample:

A writing sample (i.e., research paper) that best represents the applicant's thinking and writing skills in political science or a related subject is required.

Political Science Courses:

To assist in evaluating the applicant's candidacy, list the titles and related information for all previous undergraduate and graduate courses or course work in political science or related fields.

The information should be in a table with the following column headings:

Course Title | Undergrad Credit Hrs | Graduate Credit Hrs | Grade | Institution | Year

The file must be saved in a .doc, .rtf, or .txt format and uploaded with the online graduate admission application.

Test Scores:

GRE scores are required of all applicants. Applicants should ensure that GRE scores are reported on the application form and request to have an official score report sent directly from ETS to Graduate Education. Photocopies are not acceptable.

The institution code with ETS is 4007.

English Proficiency: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Please see <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts.

In addition to these documents, the Division of Graduate Education requires an application fee, official transcripts, etc. Please see <https://students.asu.edu/apply> (<https://students.asu.edu/apply>) for more instructions.

For additional requirements for international students, please see <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Applicants should indicate on the online application any interest in a teaching assistantship.

Doctoral students should have a basic understanding of elementary statistics and the content of the areas of concentration that they wish to study. Students should allow for sufficient time to acquire such a background.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
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 doctoral 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:

- behavioral neuroscience
- clinical
- cognitive science
- developmental
- quantitative (must apply to the Quantitative Research Methods PhD)
- 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 (e.g., integrating psychology and law).

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:

- cognitive processes (e.g., attention, language, memory) as they occur within the context of perception and action, personality and issues of stigma and prejudice
- cultural influences on psychological processes
- evolution and behavior
- individual resilience
- lifespan developmental aspects of emotion and cognition
- neurobiological and psychosocial processes that underlie behavior and health (e.g., drug abuse, stress, heart disease)
- prevention of child mental health problems

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 a rare 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.

In addition to required course work (according to training area), students take courses related to their area of interest as determined in consultation with their supervisory committees. All doctoral students complete 12 dissertation credit hours. Requirements vary across training areas.

Concurrent Degrees:

This degree is also offered as concurrent degree with Juris Doctor (JD)

Admission Requirements:

Applicants must submit an online graduate admission application.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide the following:

- scores on the GRE
- transcripts

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Deadlines:

The online graduate admission application, including all letters and supporting documents, must be received by the application deadline. Please see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, College of
Department of Psychology
<https://psychology.clas.asu.edu/graduate>
PSY 203
psychgrad@asu.edu
480-965-7606

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 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 five core faculty members in the quantitative concentration who, in addition to their quantitative research, collaborate with colleagues in substantive research areas. This collaboration supports the training of students in quantitative methods against a backdrop of methodological issues associated with the substance of psychological science. The quantitative concentration is committed to training the next generation of psychological methodologists who will make contributions in developing methods in the areas of measurement, design and analysis, and in 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.

The quantitative curriculum is structured as a series of progressively more advanced courses. New quantitative courses may be implemented under an omnibus number (PSY 591) at the interest of the faculty.

Students complete the following course work:

PSY 530 Analysis of Variance (3)
PSY 531 Multiple Regression Analysis (3)
PSY 532 Analysis of Multivariate Data (3)
PSY 533 Structural Equation Modeling (3)
PSY 534 Psychometric Methods (3)
PSY 555 Experimental and Quasi-Experimental Designs (3)
PSY 591 Quantitative Seminar (3 credit hours annually)

During the course of training, students also complete these requirements:

psychological methodology electives (12)
substantive course work (6)
additional substantive or psychological methodology electives (6)
PSY 599 Master's Thesis (6)
PSY 792 Post-Master's Research (12)
PSY 799 Dissertation (12)

Admission Requirements:

Applicants must submit an online graduate admission application. Deadlines for the application, which includes the online application, all letters and supporting documents, can be found on the program's website.

In addition to the general requirements for admission to the Division of Graduate Education, applicants must also provide the following:

- scores on the GRE
- transcripts
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Department of Psychology
<https://psychology.clas.asu.edu/graduate>
PSY 203
psygrad@asu.edu
480-965-7606

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 seeks to provide 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.

Thesis Option:

This option is recommended for students intending to seek admission to a doctoral program upon completion of the master's degree or planning to teach in the discipline at community colleges. For the thesis option, the student must satisfy the following requirements:

- an oral defense of the thesis

- reading knowledge of all languages relevant to the proposed thesis topic
- a thesis that earns six credit hours of 599 Thesis credit
- 24 credit hours of course work, including six credit hours in methods and theory (REL 501 and 502), six credit hours of graduate seminar (REL 591), offered each semester on varying topics within the academic study of religion and three credit hours of research (REL 592) to prepare the thesis proposal

Applied Project Option:

This 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
- the ministry

For the applied project option, the student must satisfy the following requirements:

- an oral defense of the applied project
- 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
- reading knowledge of a foreign language relevant to the proposed area of concentration
- 30 credit hours of course work, including six credit hours in methods and theory (REL 501, 502), six credit hours of graduate seminar (REL 591), four courses in a major area of concentration and two courses in a minor area

Admission Requirements:

Applicants must submit an online graduate admission application. To be eligible for admission to the graduate program in religious studies, an applicant must submit the following:

- email addresses of three academic references*
- 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 non-western religions**
- a statement of purpose of approximately 1,000 words outlining the academic background, career goals and specific area of interest in religious studies in relation to fields offered by the faculty, to be sent to the graduate coordinator of the department
- test scores from the GRE
- a writing sample
- proof of English proficiency***

*Referees will be contacted by the Division of Graduate Education with a request to complete a reference questionnaire.

**Students without the necessary background in religious studies may remove deficiencies by taking additional specified courses at the beginning of their program of study, which may not count toward the fulfillment of degree requirements.

***The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English (regardless of current residency).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, College of
 Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/religious-studies-ma>
 COOR 4589
 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 has two main goals:

- provide supplementary training for graduate students in a range of related programs (including history, anthropology, political science, journalism, secondary education and justice studies) who would benefit from greater expertise regarding the nature and role of religion around the world
- train graduate students for careers as scholars and teachers in the academic study of religion

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.

Course Work:

The plan of study must contain a minimum of 84 credit hours, including 12 hours of dissertation. Courses and research hours are approved by the student's supervisory committee.

Admission Requirements:

All applicants must submit an online graduate admission application. In addition to the general requirements for admission to the Division of Graduate Education, applicants must also submit:

- email addresses of three academic references*
- GRE scores
- a statement of purpose of approximately 1,000 words
- Test of English as a Foreign Language (TOEFL) for applicants whose native language is not English**
- a writing sample

*Referees will be contacted by Graduate Admission Services to complete a reference questionnaire.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Please see the program website for application deadlines.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/graduate/religious-studies-phd>
COOR 3307
SHPRSGradInfo@asu.edu
480-965-5778

Renaissance Studies (certificate), Certificate (LARENAISCE)

Online Degree Search Title: Renaissance Studies (Grad Certificate)

Campus: Tempe

Program Description:

The certificate program 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 (MA certificate), or 27 credit hours (PhD certificate).

Renaissance Language:

- one semester (three to four credit hours) for master's degree students, two semesters (six to eight credit hours) for doctoral degree students of Medieval/Renaissance Latin, Spanish literature or Portuguese literature*

- proficiency attested either by achieving a grade of "B" (3.00) or better 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*

*This requirement presupposes two years or 12 to 16 credit hours or equivalent of undergraduate training in Latin.

Early modern language at the upper-division level:

- two semesters (six credit hours) for master's degree students; three semesters (nine credit hours) for doctoral degree students**

**Literature or linguistics classes may apply.

Paleography: One semester (three credit hours)

Course work outside the major discipline: Two semesters (six credit hours) for master's degree students, three semesters (nine credit hours) for doctoral degree students.

Admission Requirements:

All applicants to graduate certificate programs must submit the online graduate admission application. Graduate students admitted to a degree program in any field may earn one of two available certificates at the master's degree or doctoral degree level: the certificate in medieval studies or the certificate in Renaissance studies.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://acmrs.org/academic-programs/certificate>
COOR 4432
acmrs@asu.edu
480-965-8097

Scholarly Publishing (certificate), Certificate (LASCHPUBCE)

Online Degree Search Title: Scholarly Publishing (Grad Certificate)

Campus: Tempe

Program Description:

The scholarly publishing certificate program offers training in publishing studies to graduate students from any discipline. The program focuses on publishing wherever it occurs: museums, corporations, cultural institutions, university presses, commercial houses, digital startups, libraries, journal and textbook publishers, and learned societies. Students create the future world of publishing as it is expressed in the digital world of e-books, apps, blogs, websites, interactive media, online scholarship and popular writing. Graduates work for publishing houses, museums, corporations, cultural institutions, government agencies and libraries.

Degree Requirements: 20 credit hours.

Course work includes four required core courses and electives from a variety of disciplines. The certificate requirement includes a summer internship. Some courses may be applied to both the certificate and the student's degree program.

Admission Requirements:

Graduate students in any discipline may pursue a certificate in scholarly publishing in conjunction with their degree programs. The program is also open to students who already hold graduate degrees.

Please see the program website for application deadlines and admission terms. Applications will also be reviewed after the deadline if space remains in the class.

Applicants are required to submit an online graduate application solely for the scholarly publishing program, regardless of any applications to other programs.

Please submit the following materials:

- Applicants must submit an online graduate application.
- A resume or curriculum vitae is required, and it must be uploaded into the online application.
- A letter of intent should be addressed to the history review committee explaining the applicant's scholarly background and training, career goals and why they want to pursue graduate study at ASU (about 500 words in length).
- Three reference letters are required. Students should contact their references and inform them that they will be contacted by Graduate Admission Services and asked to submit an electronic recommendation. 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 scholarly publishing.
- Official transcripts should be mailed to Graduate Admission Services. (It is not necessary to mail transcripts to the certificate program).
- A writing sample is required. Applicants are to submit a sample of their written work electronically. The writing sample may be an article (published or unpublished), a research paper or any other extended example of expository skill no longer than 35 double-spaced 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.
- Proof of English proficiency is required for any applicant whose native language is not English (regardless of current residency).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/LASCHPUBCE/Gedt.html> (<https://catalog.asu.edu/files/disclosures/LASCHPUBCE/Gedt.html>).

Contact Information:

Liberal Arts & Sciences, College of
 Historical, Philosophical & Religious Studies, Sch
<http://shprs.clas.asu.edu/graduate/certificate/scholarly-publishing-grad-certificate>
 COOR 3307
 scholarly.publishing@asu.edu
 480-965-5778

Scientific Teaching in Higher Education (certificate), Certificate (LASTHEGRCT)

Online Degree Search Title: Scientific Teaching in Higher Education Certificate (Grad Certificate)

Campus: Tempe

Program Description:

The graduate certificate program in scientific teaching in higher education prepares 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 will gain experience teaching in higher education, take teaching-related course work and will complete a culminating experience under the guidance of a scientific teaching faculty mentor. This culminating experience can be one of the following: a significant teaching experience including the use of evidence-based teaching or discipline-based education research focused on undergraduate science education.

Degree Requirements: 17 credit hours including an applied project course (BIO 593).

Core (6)

- BIO 530 Scientific Teaching (2)
- BIO 531 Advanced Scientific Teaching (3)
- BIO 532 Recent Papers in Discipline-based Education Research (1)

Electives (6)

Other Requirement (2)*

Culminating Experience

BIO 593 Applied Project (3)

*Students have to select a teaching internship course from a restricted list.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- Students currently enrolled in a graduate degree program at ASU will be eligible to apply to this certificate program. A bachelor's degree or equivalent is required.

- This certificate requires a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program or good standing in a PhD program at ASU.

Applicants are required to submit:

- online graduate admission application and application fee
- official transcripts
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu>
LSA 181
sols.grad@asu.edu
480-965-1768

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 that will help them accomplish specific career goals.

The first of its kind in North America, the program focuses on the study of learning beyond schooling, delving into research, theory and practice for nonformal education across cultures, ages and education levels. A master's degree in social and cultural pedagogy provides educators with the skills they need to create positive change in nontraditional educational settings, including early childhood education, museums, nongovernmental organizations, and adult and community education, among others.

Each student creates a highly individualized and transdisciplinary path of study, taking classes tailored to meet their specific goals.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (SST 593).

Required courses:

JUS 500 Research Methods (3)

SST 501 Foundations of Social Transformation (3)

SST 510 Social and Cultural Pedagogy (3)

electives: 15 credit hours

research: 3 credit hours of SST 592 Research*

culminating experience: 3 credit hours of SST 593 Applied Project or 6 credit hours SST 599 Thesis

*only for students who elect to complete the applied project option; must be taken prior to SST 593 Applied Project

Admission Requirements:

All applicants must complete the online graduate admission application.

A bachelor's degree from a regionally accredited college or university recognized by ASU is required. Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program is required.

Writing sample: Applicants should supply a two- to three-page application letter in which they explain why they want to study in this program and why they feel well-prepared to succeed in this graduate program.

Resume: The resume should describe prior educational history, related work or volunteer experiences.

Test of English as a Second Language (TOEFL) scores are required for applicants whose native language is not English. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/social-and-cultural-pedagogy-ma>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

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:

The 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 will demonstrate skills in statistical analysis plus skills in a selection of methods related to their interests.

Degree Requirements:

Core (3)*

SOC 508 Structural Equation Analysis for the Social Sciences (3)

STP 533 Applied Multivariate Analysis (3)

POS 604 Polimetrics II (3)

Electives or Research (12)**

Culminating Experience (3)

GCU 593 Applied Project (3)

* Students will select one of the multivariate data analysis core courses for a total of three credit hours.

** Students select four 3-credit hour courses from a list of approved courses. Alternatives to these courses will be accepted pending an evaluation from the executive committee.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Minimum of a bachelor's degree from a regional, national, internationally accredited institution, and from any field or discipline (e.g., human development, sustainability, geography, political science, including other areas with approval of the academic unit) are eligible to apply to the program.
- Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable masters degree program.
- Must have completed an introductory statistics course in statistics before admission to the program*

Applicants are required to submit:

- graduate admission application and application fee

- official transcripts
- proof of English proficiency**
- statement of interest***

*Course examples 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

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

*** Statement of interest should include how the certificate program will enhance graduate studies or professional work.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of Geographical Sciences and Urban Planning
<https://issr.asu.edu/>
 COOR 5516
 issrinfo@asu.edu
 480-965-5005

Social Transformation Certificate, Certificate (LASOTGRCT)

Online Degree Search Title: Social Transformation (Grad Certificate)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

This certificate program 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 be prepared to contribute as leaders and change makers in their communities.

Degree Requirements: 15 credit hours and a practicum.

The electives taken will be selected with the faculty advisor. The faculty advisor will directionalize the electives to ensure they have a common theme. That will help to ensure students' experiences in the courses align with the learning goals outlined for the certificate.

The culminating experience will be a community-based practicum experience and a paper that synthesizes students' interests with their implications for social transformation. The practicum placement will be with a local nonprofit or governmental organization working toward social innovation and social change. Students will be assisted in identifying a practicum placement by the program advisor. At the end of the practicum, students will produce a paper which will analyze the social and political dimensions of some issue within (or aspect of) social transformation. The paper should also identify the implications of this aspect or issue for social policy and social justice. The paper should begin within the context of the practicum experience and will be presented to the designated subset of the certificate executive board for final approval. Students will take three credits of SST 580 Practicum to complete the practicum and then revise, improve and finalize the paper with a certificate faculty member.

Admission Requirements:

To be considered for admission, students should submit the online graduate admission application, pay the applicable fee and submit the following documents to the School of Social Transformation program office:

- Students must submit a statement of purpose for pursuing the certificate that is no longer than 250 words. The statement should indicate any demonstrated interest in the study of social transformation (e.g., previous course work, professional experience, internships, career plans).

- Students who are not regularly admitted to an ASU graduate program must submit an official transcript showing the completion of a bachelor's degree in any academic field. These students should have maintained at least a 3.00 GPA (scale is 4.00 = "A") or equivalent during their junior and senior years of work on the bachelor's degree.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Social Transformation.

Admission Decision Process:

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 will review applications for the certificate program in the fall and spring semesters of each year and make its admission recommendations to Graduate Admission Services.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/social-transformation-certificate>
WILSN 125
SSTgraduate@asu.edu
480-965-7682

Socio-Economic Justice (certificate), Certificate (LAECJUGRCT)

Online Degree Search Title: Socio-Economic Justice (Grad Certificate)

Campus: Tempe

Program Description:

The graduate certificate program 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 certificate 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 course work from units from throughout the university. Our 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 will strengthen student understanding of the justice implications of the convergence of social and economic inequalities in the global economy.

Degree Requirements: 15 credit hours.

This program includes two core (required) courses and three elective courses.

Required Certificate Core Courses (6)

Students must select one course from each of the following two areas of study:

1. Economic Justice (3)

Students must select one of the following courses:

JUS 550 Gender, Race and Economic Justice (3)
JUS 660 Globalization and Socio-Economic Justice (3)

2. Conducting Research in Communities (3)

Students must select one of the following courses:

JHR 525 Action Research (3)
JUS 633 Community Research (3)

Elective Courses (9)

Students must select three electives on socioeconomic justice from among the following courses:

ASB/POL 447 Citizenship, Nationalism and Identity (3)*
 ASB 591 Environmental Justice and the City (3)
 DCI 691 Topic: Consumption and Education (3)
 JHR 510 Problem-Based Seminar in Seminar in Social Justice and Human Rights (3)
 JHR 525 Action Research (3)
 JHS 511 Community-Embedded Seminar: Contemporary Slavery and Trafficking (3)
 JUS 405 Economic Justice (3)*
 JUS 415 Gender and International Development (3)*
 JUS 494 Advanced Topics in Global Justice (3)*
 JUS 550 Gender, Race and Economic Justice (3)
 JUS 555 Migration, Immigration and Justice (3)
 JUS 591 Family Work and Justice (3)
 JUS 591 Globalization and Livable Cities (3)
 JUS 591 Social enterprise, Innovation, and Justice (3)
 JUS 591/691 Difference, Citizenship and Globalization (3)
 JUS 591/691 Governance, Citizenship and Justice (3)
 JUS 660 Globalization and Socio-Economic Justice (3)
 JUS 633 Community Research (3)
 JUS 691 Globalization and the Changing Word of Work (3)
 PAF 566 Participatory Governance and Civic Engagement (3)
 POS 598 North-South Relations (3)
 POS 598 Urban Politics and Policy (3)
 SOS 514 Human Dimensions of Sustainability (3)
 SST 501 Foundations of Social Transformation (3)
 SWG 531 Social Policy and Services (3)
 SWG 533 Diversity and Oppression (3)
 SWG 591 Border Family and Community Asset Building Policies (3)
 WST 598 Gender and Globalization in Latin America (3)
 WST 691 State, Markets, Biopolitics (3)

*Note: Only one of the 400-level courses listed above is allowed.

Students must have prior approval from the director of the certificate in economic justice program for any 400-level course.

Admission Requirements:

All applicants must submit the online graduate admission application.

Graduate students who are regularly admitted to a graduate degree program at ASU or students who have completed a bachelor's degree at a regionally accredited U.S. institution or equivalent are welcome to apply for the socioeconomic justice graduate certificate program.

To be considered for admission, applicants must meet the Division of Graduate Education criteria for admission to a graduate certificate program at ASU. Students also should submit the following documents to the justice and social inquiry program office:

- at least one letter of recommendation
- a statement of purpose for pursuing the certificate
- a writing sample demonstrating excellent writing and analytical skills
- transcripts*

*Students who are already enrolled in an ASU graduate program must submit an unofficial copy of their graduate transcripts and be in good standing with the Division of Graduate Education; students who are not regularly admitted to an ASU graduate program must submit an official transcript showing the completion of a bachelor's degree in any academic field with a junior and senior GPA of at least 3.00 or equivalent (scale is 4.00 = "A").

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
 School of Social Transformation
<https://sst.clas.asu.edu/content/socio-economic-justice-grad-certificate>
 WILSN 125
 SSTgraduate@asu.edu

Sociological Inquiry, PHD (LASOCPHD)

Online Degree Search Title: Sociological Inquiry (PhD)

Campus: Tempe

Program Description:

This degree 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.

Thirty credit hours from a previously awarded master's degree may be applied to the 84 credit hour requirement.

The PhD requires 54 credit hours beyond the master's degree:

core (6)

theory (3)

methods (3)

statistics (3)

dissertation (12)

elective courses and research credits (27)

previously awarded master's degree allowance (30)

total hours required for the program (84)

A minimum of 30 credit hours of the approved doctorate program, exclusive of dissertation and research hours, must be completed after admission to the program.

Admission Requirements:

Applicants must submit the online graduate admission application.

An earned master's degree from an accredited institution is required in sociology or another social science (e.g., anthropology, economics, political science, etc.).

Admission to the program is determined by the following criteria:

- a current resume or curriculum vitae
- a personal statement detailing professional goals and research experiences
- a writing sample
- a master's degree or its equivalent in sociology or a related field
- GRE scores (verbal, quantitative and writing)
- three letters of appraisal from persons familiar with the applicant's academic background
- valid transcripts of the applicant's academic record

Please see the program website for application deadlines.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

Sanford School of Social and Family Dynamics

<https://thesanfordschool.asu.edu/sociological-inquiry-phd>

SS 144

graduatesanford@asu.edu

480-965-6978

Sociology, MA (LASOCMA)

Online Degree Search Title: Sociology (MA)

Campus: Tempe, Online

Program Description:

The MA in sociology program provides advanced training for those preparing for applied careers in sociology. Students will gain knowledge and skills that can be used to promote healthy individuals and families by understanding how the social context influences their well-being. Students will develop an understanding of the factors that promote successful relationships and positive outcomes for individuals, families, and communities.

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 and a capstone course.

The Master of Arts in sociology program includes:

core: (12)

SOC 501 Social Statistics (3)

SOC 585 Sociological Theory (3)

SOC 586 Capstone I (3)

SOC 587 Capstone II (3)

electives: (12)

other requirements: (3)

SOC 500 Research Methods (3)

culminating experience:

Capstone Course SOC 588 Capstone III (3)

Admission Requirements:

All applicants must submit an online graduate admission application.

Admission to the program is determined by the following criteria:

- minimum 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of the student's first bachelor's degree program
- a current resume or curriculum vitae
- a personal statement detailing professional goals and research experiences
- a writing sample
- three letters of appraisal from persons familiar with the applicant's academic background
- valid transcripts of the student's academic record

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-arts-sociology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Liberal Arts & Sciences, College of

Sanford School of Social and Family Dynamics

<https://thesanforsschool.asu.edu/degree-programs/graduate-programs>

SS 144

graduatesanford@asu.edu

480-965-6875

Spanish, MA (LASPANMA)

Online Degree Search Title: Spanish (MA)

Campus: Tempe

Program Description:

The MA program in Spanish combines Spanish, Spanish American and Mexican American literature, linguistics and culture. All programs have a research component: candidates for the master's degree in Spanish write a thesis.

The program has two tracks: literature and culture, and linguistics. It is possible to focus course work in one of two areas within the linguistics track:

- sociolinguistics
- second-language acquisition and applied linguistics.

Students admitted to the master's degree program with a major in secondary education may elect Spanish as the subject matter field.

Degree Requirements: 30 credit hours and a portfolio, or 30 credit hours, a thesis and a written comprehensive exam.

Students seeking a master's degree in Spanish should consult with the respective graduate representative.

Comprehensive Examination: 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 is provided as a guide to preparation for this examination.

Thesis: All candidates must write a thesis.

Admission Requirements:

Students interested in applying to this program must submit the following documentation using the online application:

- an online graduate admission application
- 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
- a personal statement (preferably in Spanish) that is no more than two pages, summarizing past educational experiences and goals in pursuing a graduate degree
- a resume, if interested in a teaching assistantship
- three letters of recommendation*

*The online application will ask for recommender's names and email addresses. They will be notified and given instructions. If a candidate is interested in obtaining a teaching assistant position, the two letters of recommendation included with the application to the program should also address the candidate's competence in Spanish and ability (potential or demonstrated) to conduct a university-level language course. If the authors of the academic letters are unfamiliar with a candidate's teaching ability, a separate letter addressing this issue from a more appropriate source should be included in the application package.

See <https://international.clas.asu.edu/degrees/spanish-ma> (<https://international.clas.asu.edu/degrees/spanish-ma>) for more information.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/spanish-ma>
LL 440
silc@asu.edu
480-965-6281

Spanish, PHD (LASPANPHD)

Online Degree Search Title: Spanish (PhD)

Campus: Tempe

Program Description:

The School of International Letters and Cultures offers a graduate program in Spanish leading to the PhD in Spanish.

Degree Requirements: 84 credit hours, two foreign language exams, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctoral program in Spanish has four available tracks:

Early-Modern Iberian Studies Track

core (3)
required track courses (18)
elective or research courses (51)*
dissertation (12)

*Students are required to take 12 credit hours of SPA 792 Research as part of the available 51 hours of elective or research course work.

Spanish Linguistics Track

core (3)
required track courses (18)
focus area courses (12)*
electives or research courses (39)**
dissertation (12)

*Available focus areas are: second-language acquisition and teaching methodologies; heritage language research and pedagogy; and sociolinguistics, bilingualism and Spanish in the U.S.

**Students are required to take 12 credit hours of SPA 792 Research as part of the available 39 hours of elective or research course work.

Mexican American Studies Track

core (3)
required track courses (18)
elective or research courses (51)*
dissertation (12)

*Students are required to take 12 credit hours of SPA 792 Research as part of the available 51 hours of elective or research course work.

Visual Studies Track

core (3)
required track courses (18)
elective or research courses (51)*
dissertation (12)

*Students are required to take 12 credit hours of SPA 792 Research as part of the available 51 hours of elective or research course work.

- The candidate must present an acceptable dissertation based on original investigation. The dissertation must represent a significant contribution to knowledge and demonstrate the candidate's ability to do independent, scholarly research.
- Each candidate is expected to demonstrate a reading knowledge of two languages other than English and Spanish. The language requirements must be satisfied before the candidate is eligible to take the comprehensive examination.
- The candidate must complete 84 credit hours of graduate-level work.
- A final oral examination is required. This examination covers the subject matter of the dissertation and appropriate field.
- The candidate must complete 12 (and only 12) credit hours of dissertation (SPA 799).
- Thirty hours of credit from a previously awarded master's degree in Spanish may count toward the 84 credit hours with approval from the academic unit and the Division of Graduate Education.
- A 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 course work.

Admission Requirements:

All candidates for the doctoral program in Spanish must submit the online graduate admission application and fulfill the general requirements of the Division of Graduate Education concerning admission.

Candidates for the program will be 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.

The Spanish graduate program requires a 3.75 overall GPA (on a 4.00 scale).

Admission to the Spanish doctoral program requires the candidate to present a master's degree in Spanish or equivalent from an accredited institution.

The committee may request letters of recommendation regarding the applicant's command of Spanish and potential for doctoral work. A personal interview may also be appropriate.

It is recommended, but not required, that students applying for admission to the master's degree program or doctoral program submit scores on the GRE; this is especially advisable for the applicants for the Spanish Graduate Fellowship Award.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/spanish-phd>
LL 440
silc@asu.edu
480-965-6281

Statistics, MS (GCSTATMS)

Online Degree Search Title: Statistics (MS)

Campus: Tempe

Program Description:

The School of Mathematical and Statistical Sciences offers a program leading to an MS degree in statistics. The program 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 individual needs and goals.

Degree Requirements: 30 credit hours including the required applied project course (STP 593 or IEE 593 or ECN 593) and an oral comprehensive exam, or 30 credit hours, a thesis and an oral comprehensive exam, or 30 credit hours, a written comprehensive exam and an oral comprehensive exam.

Completion of the degree requires 30 credit hours of approved credit, none of which may be from the prerequisites. The program must include nine credit hours from the three required theory courses:

STP 501 Theory of Statistics I: Distribution Theory 3 (3)
STP 502 Theory of Statistics II: Inference (3)
STP 526 Theory of Statistical Linear Models (3)

The required theory courses are fundamental to the education of statisticians and are necessary for more advanced graduate study. Two courses in applied linear statistical models are also required:

ECN 530/IEE 572/STP 531 Applied Analysis of Variance and Design of Experiments (3)
ECN 525/IEE 578/STP 530 Applied Regression Analysis (3)

The program must also include either three credit hours of ECN 593/IEE 593/STP 593 Applied Project; six credit hours of ECN 599/IEE 599/STP 599 Thesis; or an oral and written comprehensive exam on advanced statistics course work to be administered by the School of Mathematical and Statistical Sciences. The applied project or thesis must be defended at an oral examination. The content of the applied project report or thesis, in its final form, must be suitable for submission to an academic journal or conference proceedings. The thesis must conform to the Division of Graduate Education format requirements.

The remaining credit hours come from elective courses chosen by the student with the approval of supervising faculty. A maximum of six credit hours may be chosen from a related field on which statistics relies (such as computer science) or in which statistics is an essential tool (e.g., biostatistics, quality control). The elective courses allow the student to emphasize a particular area of statistical inference, culminating in an applied project report or a thesis on a topic in that area. No foreign language or written comprehensive examinations are required.

The student has considerable flexibility in selecting an area of specialty.

Admission Requirements:

Applicants must submit:

- the online graduate admission application
- official transcripts
- a statement of education and career goals
- three letters of recommendation
- general GRE score

- proof of English language proficiency*

Applicants should have completed the following courses (equivalents at ASU are given in parentheses):

- advanced calculus (MAT 371)
- calculus (MAT 270, MAT 271 and MAT 272)
- computer programming (CSE 100)
- introductory statistics (STP 420)
- linear algebra (MAT 342)

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants who lack any of these prerequisite courses must complete the prerequisites before being considered for admission. Although most applicants earn the bachelor's degree in a quantitative area (such as statistics, quantitative business analysis, mathematics, engineering or computer science), this is not required for admission to the program. The submission of GRE scores is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degree-programs/graduate-studies>
WXMLR 216
grad.math@asu.edu
480-965-3951

Statistics, PHD (LASTPPHD)

Online Degree Search Title: Statistics (PhD)

Campus: Tempe

Program Description:

The School of Mathematical and Statistical Sciences offers a program leading to the PhD degree in statistics. As a science, statistics focuses on data collection and data analysis by using theoretical, applied and computational tools and considerations. The doctoral degree program reflects this breadth in tools and considerations while allowing students sufficient flexibility to select a program of study that is tailored 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.

This program includes:

core course work (mathematical statistics, probability, STP 526, STP 527, STP 530 or IEE 578, STP 531 or IEE 572) (15)
elective statistics or related area courses approved by the student's supervisory committee (45)
MAT 792 Research (12)
MAT 799 Dissertation (12)

Students must pass:

- one qualifying examination and course work in analysis*
- a written comprehensive examination
- a dissertation prospectus defense

*See the school website for examination information.

Each student must write a dissertation and defend it orally in front of five dissertation committee members. See the department website for examination information.

Admission Requirements:

Applicants must submit:

- online graduate admission application
- the general GRE scores
- official transcripts
- a statement of education and career goals

- three letters of recommendation

The minimum requirements for consideration of admission to the doctoral program in statistics are:

- a bachelor's degree in statistics, mathematics or a closely related area with a 3.00 GPA (4.00 scale)
- completion of the following courses (equivalents at ASU are given in parentheses): calculus (MAT 270, 271 and 272), advanced calculus (MAT 371), linear algebra (MAT 342), computer programming (CSE 100), and introductory applied statistics (QBA 221 or STP 420)

Applicants who lack any of these prerequisite courses must complete the prerequisites before being considered for admission.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/degree-programs/graduate-studies>
WXLR 216
grad.math@asu.edu
480-965-3951

Statistics (certificate), Certificate (GCSTATCE)

Online Degree Search Title: Statistics (Grad Certificate)

Campus: Tempe

Program Description:

The certificate program provides statistical training for graduate students at ASU and working professionals in the Phoenix metropolitan area. The statistics certificate program draws upon a variety of faculty research and teaching interests from various academic units so that programs of study can be tailored to reflect individual needs and goals.

Degree Requirements: 15 credit hours.

To qualify for the certificate, students must complete:

- STP 530 Applied Regression Analysis (3) (or ECN 525 or IEE 578)
- STP 531 Applied Analysis of Variance and Design of Experiments (3) (or ECN 530 or IEE 572)

The remaining nine credits are taken from a set of courses approved by the School of Mathematical and Statistical Sciences.

The certificate program requires no applied project. 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:

All applicants to the statistics certificate program must submit the online graduate admission application.

Applicants must have a bachelor's degree and 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.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences

<https://math.asu.edu/degree-programs/graduate-studies>

WXLR 216

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

Program Description:

The Department of English at Arizona State University offers a professional program leading to the MTESOL. This well-established, specialized degree program provides students with the knowledge and skills necessary to teach English to speakers of other languages in various parts of the world (including the United States). The focus of the program is on theories and methods of language teaching and the aspects of linguistics that teachers need for effective classroom performance. The master's degree in Teaching English to Speakers of Other Languages is intended for those who wish to build a career in the field of teaching the English language.

Established in 1969, the MTESOL program has graduated students from various countries and regions in Africa, Asia, Europe, Latin America, Melanesia, the Middle East and throughout the United States. The program features internationally known faculty members whose expertise includes computer-assisted language learning, curriculum design, English for academic purposes, English as an international language, English grammar and grammar for TESOL, intercultural rhetoric, interlanguage pragmatics, language testing and assessment, materials development, nonnative English speakers in TESOL, second-language acquisition, second-language phonology and second-language writing. Also, these faculty have extensive practical experience designing and teaching TESOL courses in the U.S. and internationally, including general English courses for students of all ages, academic English courses for university students, settlement English courses for refugees and immigrants, and occupational English courses.

Graduates of the MTESOL program have been successful in finding employment in a variety of TESOL-related positions locally, nationally and internationally. Many also continue on to pursue doctoral degrees at Arizona State University and elsewhere.

Degree Requirements: 30 credit hours including the required capstone course (ENG 597) and a Foreign Language Exam.

Approved graduate course work must include:

LIN 500 Research Methods (3)

LIN 510 Linguistics (3)

LIN 520 Second-Language Acquisition Theories (3)

LIN 521 Methods of Teaching English as a Second Language (3)

LIN 584 Internship (3)

ENG 597 Graduate Capstone Seminar (3)

Foreign Language Requirement: A foreign language is required and must be completed during the program.

Capstone: A three credit hour capstone course (ENG 597) is required, which will be overseen by a director who will be chosen from the English department linguistics and TESOL faculty.

Accelerated Degrees:

This degree is also offered as an accelerated degree with English (Linguistics), BA

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants may have undergraduate majors in fields such as, but not limited to:

- anthropology
- applied linguistics
- cognitive science
- communication
- comparative languages and literatures
- education
- English literature
- history
- law

Graduate Admissions Services requires a GPA of "B" (3.00 on a 4.00 scale) or better in the last two years of work leading to the bachelor's degree.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. International students must submit a TOEFL score of at least 250 computer-based, 100 Internet-based, an IELTS score of 7.0 or above, or a 68 on the Pearson Test of English Academic to be considered for admission. Refer to the Department of English webpage for 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>)

Please see the program website for application deadlines.

The following documents are required:

- official transcripts
- online graduate admission application
- resume
- statement of purpose
- three letters of recommendation

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

Department of English

<https://english.clas.asu.edu/node/243>

LL 543B

enggrad@asu.edu

480-965-3194

Transborder Studies, MAS (LATCLMAS)

Online Degree Search Title: Transborder Studies (MAS)

Campus: Tempe

Program Description:

The MAS program in transborder studies is designed for the postbaccalaureate professional who seeks training in an integrated program that also provides for differentiation via three thematic options. The course of study is designed to provide a cohesive and holistic program of learning that focuses on the complex economic, political, ecological, social and cultural issues of a coevolving border region of the U.S. Southwest and Mexico. Students will be required to engage in an intensive internship process in which they will apply their learning. The program will also provide a choice to explore one of the following three areas more deeply:

- Transborder culture, language and learning: This area focuses on the interrelated processes of cultural emergence, language development and learning as they interact with each other in conjunction with the development of mathematical and scientific reasoning skills, literacy skills and critical thinking in the transborder context.
- Transborder media and expressive culture: This area provides students with a transdisciplinary understanding of how representation, interpretation and language shape and are shaped by Chicana/o, Mexican and Latina/o culture in a transborder context.
- Transborder migration, health and applied social policy: This area provides students with theoretical and applied frameworks for understanding border communities in the areas of migration, health, education, environment and other areas affecting social development.

Degree Requirements: 30 credit hours including the required capstone course (TCL 608), a written comprehensive exam, an oral comprehensive exam and a foreign language exam.

Required Courses:

TCL 502 A Deep History of the United States/Mexico Borderlands II (3)

TCL 503 Epistemologies and Transborder Thought (3)

TCL 504 Tools for Transborder Research (3)

Select one of the following three:

TCL 505 Theories and Methods of Migration, Health and Applied Social Policy (3)

TCL 506 Theory and Methods of Transborder Media and Expressive Culture (3)

TCL 507 Theory and Methods of Transborder Cultural Acquisition, Language Development and Learning (3)

In Addition:

TCL 601 Internship (3 semesters) (9)

TCL 608 Capstone Course: Transmitting Transborder Studies to Publics and Institutions (3)

TCL 691 Seminar (6)

Admission Requirements: • Applicants must submit an online graduate admission application.

• A minimum of a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university is required. The bachelor's degree must be in the social sciences, humanities, sciences, health, education, business or professional field.

• A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") is required in the last 60 hours of a student's bachelor's degree program.

• The GRE is required.

• The Test of English as a Foreign Language (TOEFL) is required for an applicant whose native language is not English; see <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

School of Transborder Studies

<https://sts.asu.edu/>

INTDSB 165

sts.grad@asu.edu

480-965-5091

Transborder Studies, PHD (LATCLPHD)

Online Degree Search Title: Transborder Studies (PhD)

Campus: Tempe

Program Description:

This program is intended for graduate students who seek rigorous study of transborder and transnational economic, political, artistic, social, psychological, ecological and cultural dynamics, with implications not only for the Mexican-origin and Latina/o communities in the U.S. or the U.S.-Mexico border region, but also for other border communities around the world. This transdisciplinary degree is designed for students with serious interest in the many ways border processes affect society: past, present, and future.

Due to the focus on transborder experiences in people's everyday lives, both regionally and globally, this program equips students with the following knowledge, skills and competencies for transborder research, scholarship and innovation --- all of which are highly needed by current and future scholars in order to better grasp the complexity of contemporary societies in the 21st century:

- ability to communicate findings, creations or productions to an academic and community public
- ability to create pedagogical models, learning units and assessment protocols for the transmission of learned concepts, theories and methods
- ability to design and develop transdisciplinary research
- ability to display and apply concepts, methods and theories in courses and research projects
- competency in the most pertinent theoretical and methodological approaches to the study of transborder and transnational contexts
- historical understanding of the development of transborder ecologies, economies, social relations, migration and health, culture, power, language and expressive culture and media

Degree Requirements: 84 credit hours, a foreign language exam, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Core (6)

Electives and Research (36)

Previously awarded master's degree (30)*

Dissertation (12)

Total credit hours (84)

*Please note that if students do not already have a master's degree in a related field, then the remaining 30 hours will be made up of electives and research to reach the 84 credit hours required for the doctoral program.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- A minimum of a bachelor's degree (or equivalent) or a graduate degree is required from a regionally accredited college or university of recognized standing in a related field such as anthropology, economics, education, sociology, literature and psychology.
- Applicants may come from any undergraduate major or with a master's degree from another discipline, but their scholarly interests should coincide with the program's mission and concentrations.
- A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- GRE scores
- reference letters (from academicians)
- statement of purpose*
- proof of English proficiency**

*The statement of purpose 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.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Transborder Studies

<https://sts.asu.edu/>

INTDS B165

sts.grad@asu.edu

480-965-5091

Transportation Systems (certificate), Certificate (GCTRANSCE)

Online Degree Search Title: Transportation Systems (Grad Certificate)

Campus: Tempe

Program Description:

Transportation has emerged as one of the highest priority issues for policymakers, employers and citizens. The transportation systems certificate program enhances the education of current and future transportation professionals to respond to this challenging environment. It builds upon existing programs in five disciplines, offered in five colleges and two campuses in the ASU system. The program approaches the subject from an integrated systems perspective. It exposes students to a range of transportation alternatives and the interrelationships among transportation, economic development, land use, energy and the environment.

The certificate program offers current ASU graduate students and transportation professionals the opportunity to pursue a wide range of transportation-related issues from a multi-modal and transdisciplinary perspective. The certificate is intended to be either a specialization within an existing master's degree or as a stand-alone, 15 credit hour nondegree program.

Degree Requirements: 15 credit hours including the required applied project course (PUP 593).

the applied project course, PUP 593 (3)

a seminar course (3)

three electives from an approved list of transportation-related courses (including at least one from a field outside the student's major)

Students are strongly encouraged to include as one of the three elective courses a course in methods or techniques applicable to transportation systems planning. In the applied project course, students are encouraged to work with transportation professionals in their area of interest to identify a project that is of interest to the broader public.

All decisions related to program offerings and departmental participation are made in cooperation with the transportation systems certificate admissions and advisory committee, which includes a member from each participating department.

Admission Requirements:

Admission to the transportation certificate program is the same for both new students and current degree-seeking students.

Applicants must:

- Complete the online graduate admission application.

Submit responses to two essay questions:

- What do you expect to gain from the transportation certificate?
- What types of courses within the certificate would be the most helpful in meeting your objective?
- Provide a current resume.
- Provide official transcripts.
- Provide proof of English proficiency.*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Information regarding English proficiency requirements can be found on the Division of Graduate Education website.

Questions regarding transcript requirements need to be directed to the Graduate Admission Services.

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 an online application for the transportation certificate. Please see department guidelines for admission to a degree program. Please be aware that admission to a degree program and the transportation certificate program are independent of each other. Applicants interested in applying for the transportation certificate in addition to a degree program must also complete an admission essay for the certificate program that is independent from an admission essay for a degree program.

Admission to the program will be determined by the transportation systems certificate admissions and advisory committee, consisting of representatives from each of the participating programs.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/GCTRANSCE/Gedt.html> (<https://catalog.asu.edu/files/disclosures/GCTRANSCE/Gedt.html>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.gradprograms@asu.edu
480-965-7533

Urban and Environmental Planning, MUEP (ARURBMUEP)

Online Degree Search Title: Urban and Environmental Planning (MUEP)

Campus: Tempe

Program Description:

The MUEP is accredited by the Planning Accreditation Board. It is a transdisciplinary, professional degree program designed to prepare students for leadership roles in planning in the public and private sectors. The curriculum includes a common core of required courses which provide linkage between knowledge and practice as well as fundamental theories and skills.

As active scholars and teachers in an accredited planning program, the faculty have a wide range of interests and expertise, including in the areas of:

- desert cities
- disaster recovery planning
- housing
- infrastructure planning
- international development
- land use and environmental planning
- planning history
- public participation
- regional development

Faculty research and teaching interests especially focus on the following broad transdisciplinary themes:

- community development for social equity: <https://geoplan.asu.edu/academics/graduate-studies/about-muep-program/community-development-social-equity> (<https://geoplan.asu.edu/academics/graduate-studies/about-muep-program/community-development-social-equity>)
- spatial and economic analysis: <https://geoplan.asu.edu/academics/graduate-studies/about-phd-urban-planning/spatial-and-economic-analysis> (<https://geoplan.asu.edu/academics/graduate-studies/about-phd-urban-planning/spatial-and-economic-analysis>)
- transportation planning and policy: <https://geoplan.asu.edu/academics/graduate-studies/about-phd-urban-planning/transportation-planning-and-policy> (<https://geoplan.asu.edu/academics/graduate-studies/about-phd-urban-planning/transportation-planning-and-policy>)
- urban design and sustainable cities: <https://geoplan.asu.edu/academics/graduate-studies/about-muep-program/urban-design-and-sustainable-cities> (<https://geoplan.asu.edu/academics/graduate-studies/about-muep-program/urban-design-and-sustainable-cities>)

The master's degree program in urban and environmental planning offers a unique opportunity to integrate urban and environmental aspects of planning in a rapidly developing metropolitan area. Individual practical experience in planning is provided through an optional internship program and applied research. In addition to the planning faculty, the program is enriched by the transdisciplinary participation of faculty from other academic units of the university and leading planning practitioners from the Phoenix area.

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).

The plan for the 47-credit-hour master's degree program has the typical distribution as follows:

Required core courses: (21)

- GIS 515 or PUP 576 GIS Workshop for Planners (3)
- PUP 501 Planning History and Theory (3)
- PUP 520 Planning Practice, Ethics and Processes (3)
- PUP 531 Planning and Development Control Law (3)
- PUP 548 Planning for Sustainable Communities (3)
- PUP 571 Socio-Economic Impact Analysis (3)
- PUP 642 Urban and Regional Economic Analysis (3)

Capstone studio, thesis or professional project

Electives (21)

Students must complete the required core courses and select an area of specialization. Students must also select a capstone studio, a professional project or a thesis option. Successful completion of an approved statistics course, if not achieved by the student as an undergraduate, will be required as a deficiency.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Public Administration (MPA) - Downtown Phoenix
- Public Policy (MPP)
- Sustainability Solutions (MSUS)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Urban Planning, BSP

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

To be considered for the master's degree program in urban and environmental planning, the applicant must submit the online graduate admission application and fulfill all admission requirements of Graduate Admission Services in addition to meeting admission requirements of the School of Geographical Sciences and Urban Planning. The following materials are required:

- an online graduate admission application
- current resume
- GRE scores
- official transcripts from all other colleges and universities attended

statement of intent (maximum 600 words) explaining the applicant's:

- academic and professional background and if appropriate, preparation for the selected area of specialty (may include written samples or a portfolio, though not required)
- educational objectives
- interest in planning
- proof of English language proficiency*

- three letters of recommendation from references who are qualified to comment on the applicant's potential in the selected area of study

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency in the form of Test of English as a Foreign Language (TOEFL) scores.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.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 will educate 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 will provide a strong foundation for undertaking research in planning, urbanism, urban design and urban sustainability.

While topics and methods will be wide-ranging and will include spatial, theoretical and urban design inquiry, the focus of the doctorate program will be on the built environment, its problems and potential solutions that improve the quality of life of urban residents.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

required core courses (6)

program electives and research (34)

PUP 701 Urban Planning Colloquium (two semesters, 2 credit hours total)

PUP 799 Dissertation (12)

Up to six credit hours of 400-level courses may be applied on the plan of study.

Admission Requirements: • Applicants must submit the online graduate admission application.

• A minimum of a master's degree (or equivalent) is required or a graduate degree from a regionally accredited college or university of recognized standing in a related field such as: urban studies, geography, environmental studies, sustainability, architecture, public policy or public administration.

• A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 credit hours of a student's bachelor's degree program is required. A minimum GPA of 3.00 is required in the master's degree work for acceptance into the PhD program.

• The GRE is required.

• The Test of English as a Foreign Language (TOEFL) is required for applicants whose native language is not English.*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/graduate-studies>
COOR 5671
geoplan.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 in women and gender studies provides transdisciplinary training in feminist theory with a focus on social justice that goes beyond the classroom.

The flexible degree program provides advanced training in feminist theory and methodologies with a particular focus on contemporary research about women, gender and sexuality. Each student creates a highly individualized plan of study, allowing them to complete the degree within two years while studying full-time or to work toward the master's degree part-time. The program supports students wanting a terminal Master of Arts degree or those who are interested in continuing on after the master's degree to a doctoral program.

Housed in the School of Social Transformation, the program places students in the center of a transdisciplinary learning environment with specialized courses that relate gender to justice, cultural pedagogy and ethnic studies. The school's collaborative approach provides students with access to a wealth of resources to support diverse career and academic aspirations.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required applied project course (SST 593).

Required Core Courses: (6 credit hours)

WST 501 Foundations of Feminist Thought (3)

WST 502 Interdisciplinary Gender Research Methods (3)

Electives: (18 credit hours)

Culminating Experience: (6 credit hours; choose one)

SST 593 Applied Project (6)

SST 599 Thesis (6)

Other Requirements:

Students must successfully provide an oral defense of their thesis or applied project.

Admission Requirements:

Degree: Students should have a BA or BS in any field as long as they have completed two courses in women and gender studies or have equivalent experience. Majors may come from women, gender and sexuality studies; history; English; sociology; religious studies; social work; psychology; communication or ethnic studies. Students who have previously majored in a STEM field and have interests in gender and education or gender and science may also apply for this program.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None

Letters of Recommendation: Yes

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Liberal Arts and Sciences.

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/content/women-and-gender-studies-2>

WILSN 125

SSTgraduate@asu.edu

480-965-7682

Nursing and Health Innovation, College of

Adv Nursing Practice (Women's Health NP), DNP (NUANPWHDNP)

Online Degree Search Title: Women's Health Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

This degree program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses seeking to become advanced-practice nurses as women's health 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 health assessment; advanced pharmacology and advanced practice nursing role. Women's health care theory and clinical courses include theories, principles and clinical skills in the care of women and their families. Courses focus on critical thinking, diagnosis, problem-solving and nursing management of women throughout the maternity cycle and with common gynecological problems. Client education, communication and collaboration are emphasized.

The Doctor of Nursing Practice is offered in a hybrid and 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 (two or three days per session), depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be made to arrange these in the student's geographical area. In the event that clinical sites are unavailable in that area or if the faculty determines the student needs additional faculty supervision of skills, the student will be required to complete their 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).

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.

Admission Requirements:

Admission to Doctor of Nursing Practice in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/womens-health-nurse-practitioner>

Advanced Nursing Practice, DNP (NUANPDNP)

Online Degree Search Title: Advanced Nursing Practice - DNP

Campus: Downtown Phoenix

Program Description:

The DNP degree program in advanced nursing practice, accredited by the Commission on Collegiate Nursing Education, is designed for master's degree-prepared, advanced practice nurses. 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 will be 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.

Degree Requirements: 84 credit hours including the required applied project course (DNP 707).

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 will complete 540 hours of clinical practice residency and the program courses. Completion of an evidence-based doctoral applied project is required. Each project will be developed individually with each student. Each student will have a primary mentor working with them on the project. Clinical practice residency hours will be used to complete the project in a practice setting; work settings may be included, but specific objectives will be developed individually with each student that 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.

Admission Requirements:

Applicants will be reviewed on a space-available basis after the priority deadline. Please see the program website for application deadlines.

Applicants must submit an online graduate admission application.

Admission to the Doctor of Nursing Practice degree program in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- completion of a master's degree in nursing from a nationally recognized, regionally accredited academic institution
- certified as an advanced practice nurse
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/advanced-nursing-practice-dnp>

Advanced Nursing Practice (Adult Nurse Practitioner), DNP (NUANPADDNP)

Online Degree Search Title: Adult Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

The DNP in advanced nursing practice with a concentration in adult nurse practitioner is designed for registered nurses who seek to become advanced practice nurses as adult 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 health assessment; and advanced practice nursing role. The program is designed to be accessible for students living or working at a distance, with course work delivered in a hybrid online format in which students attend on-campus sessions two or three times each semester.

Graduates in the adult nurse practitioner concentration are prepared to provide primary care to adults who are in various states of health in a variety of settings. Health promotion and illness prevention are among the essential threads integrated throughout the plan of study. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be 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).

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 DNP. The program includes 1,170 practicum hours, exceeding the ANCC requirement.

Admission Requirements:

Applicants must submit the Division of Graduate Education online application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (4.00 = "A") or higher for any baccalaureate or graduate degree attained
- a current unencumbered license*
- satisfactory completion of the analytical writing section of the GRE
- three online recommendations from individuals knowledgeable about the applicant's academic and nursing leadership potential along with one self-evaluation submitted by the applicant
- an interview with a representative of the specialty area
- proof of English proficiency**

*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. All students must have current certification as an advanced practice nurse.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools, if considered an international student.

Applicants must fulfill requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
dnpnursing@asu.edu
602-496-0937

(NUANPPMDNP)

Online Degree Search Title: Adult Psychiatric Mental Health Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

This program is designed for nurses seeking to become advanced-practice nurses as adult psychiatric mental health 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 health assessment; and advanced practice nursing role. Graduate education in psychiatric mental health nursing gives opportunities for greater autonomy in practice, diverse employment opportunities, research and teaching capabilities and advanced assessment and intervention skills. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 that the student needs additional faculty supervision of skills, the student will be required to complete their 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.

The program is designed to be accessible to students living or working at a distance, with course work delivered in a hybrid online format in which students attend on-campus sessions two to three times each semester.

Degree Requirements: 84 credit hours including the required applied project course (DNP 707).

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.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00, or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any baccalaureate or graduate degree attained
- a current unencumbered license*
- satisfactory completion of the analytical writing section of the GRE
- three online recommendations from individuals knowledgeable about the applicant's academic and nursing leadership potential and one self-evaluation submitted by the applicant
- an interview with a representative of the specialty area
- proof of English language proficiency**

*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. All students must have current certification as an advanced practice nurse.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools, if considered an international student.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 201F
DNPnursing@asu.edu
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 program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses seeking to become advanced practice nurses as nurse practitioners to adult and geriatric patients. 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 health assessment; advanced pharmacology and advanced practice nursing roles. A major focus of this 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.

The DNP 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 (two or three days per session), depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be required to complete the clinical experience in the Phoenix area. Rural health and experiences with disadvantaged and multicultural populations are encouraged, and sites are available for these experiences.

Degree Requirements: 84 credit hours including the required applied project course (DNP 707).

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 DNP. The program includes 1,125 practicum hours, exceeding the ANCC requirement.

Admission Requirements:

Applicants will be reviewed on a space-available basis after the priority deadline. Please see the program website.

Applicants must submit an online graduate admission application.

Admission to the Doctor of Nursing Practice degree program in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/advanced-nursing-practice-adult-gerontology-nurse-practitioner-dnp>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Advanced Nursing Practice (Family Nurse Practitioner), DNP (NUANPFNDNP)

Online Degree Search Title: Family Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

This program, accredited by the Commission on Collegiate Nursing Education is designed for nurses seeking to become advanced practice nurses as family health 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 health assessment, advanced pharmacology and advanced practice nursing role. The focus in courses is on development of expertise in providing primary care to individuals of all ages within traditional, nontraditional and culturally diverse families. Theory and practicum courses are designed to prepare the student for certification in advanced practice nursing as a family nurse practitioner.

The Doctor of Nursing Practice 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 (two or three days per session) depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be required to complete their 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).

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.

Admission Requirements:

Admission to Doctor of Nursing Practice in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/family-nurse-practitioner>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Advanced Nursing Practice (Family Psychiatric and Mental Health Nurse Practitioner), DNP (NUANPCFDNP)

Online Degree Search Title: Family Psychiatric Mental Health Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

This program, accredited by the Commission on Collegiate Education, is designed for nurses seeking to become family psychiatric and mental health 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 health assessment; advanced pharmacology and advanced practice nursing. Graduate education in psychiatric and mental health nursing gives opportunities for greater autonomy in practice; diverse employment opportunities; research and teaching capabilities; and advanced assessment and intervention skills.

The Doctor of Nursing Practice 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 (two or three days per session) depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be made to arrange these 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 will be required to complete their 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).

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.

Admission Requirements:

Admission to Doctor of Nursing Practice in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/family-psychiatric-mental-health-nurse-practitioner>

HLTHN 113

nursingandhealth@asu.edu

Advanced Nursing Practice (Geriatric Nurse Practitioner), DNP (NUGNPDNP)

Online Degree Search Title: Advanced Nursing Practice (Geriatric Nurse Practitioner) (DNP)

Campus: Downtown Phoenix

Program Description:

The program is designed for nurses seeking to become advanced practice nurses as nurse practitioners of geriatric patients. 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 health assessment; pharmacology and advanced practice nursing roles. The DNP program is designed to be accessible to students living or working at a distance, with course work delivered in a hybrid online format in which students attend on-campus sessions two to three times each semester.

A major focus of this program is acquisition of advanced knowledge and skills for primary care, case management, screening and health promotion of older adults in a variety of settings, including private practice, ambulatory clinics, acute care, long-term care facilities and patients homes. Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be required to complete their 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 and an applied project.

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 post-baccalaureate practicum hours for all students completing a DNP. This program includes 1,125 practicum hours, exceeding the ANCC requirement.

Admission Requirements:

Applicants must submit a graduate admission online application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00, or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any baccalaureate or graduate degree attained
- a current unencumbered license*
- satisfactory completion of the analytical writing section of the GRE
- three online recommendations from individuals knowledgeable about the applicant's academic and nursing leadership potential and one self-evaluation submitted by the applicant
- an interview with a representative of the specialty area
- proof of English language proficiency**

*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. All students must have current certification as an advanced practice nurse.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools, if considered an international student.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 201F
dnpnursing@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

Program Description:

The DNP in advanced nursing practice with a concentration in innovation leadership, accredited by the Commission on Collegiate Nursing Education, is directed toward professional nurses who seek the scholarship, skills and capacity to lead effective change in systems, organizations and practice environments using innovation theories and methodologies as the frame for their leadership practice. This concentration focuses on improving health care through facilitating a culture of best practice and providing skills necessary to develop advanced practice nursing leaders for the future.

Graduates of this program will be able to facilitate the application and integration of research into clinical practice using innovative approaches across multiple settings to improve health care, patient outcomes and health care systems.

Degree Requirements: 84 credit hours including the required applied project course (DNP 712).

16 core credit hours

16 concentration credit hours

10 credit hours of electives or research courses

12 credit hours of capstone applied project (DNP 712 Clinical Residency and Management)

30 credit hours from a previously awarded master's degree

Admission Requirements:

Applicants will be reviewed on a space-available basis after the priority deadline. Please see program website for more information.

Applicants must submit an online graduate admission application.

Admission to Doctor of Nursing Practice degree program in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- completion of a master's degree from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/advanced-nursing-practice-innovation-leadership-dnp>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Advanced Nursing Practice (Neonatal Nurse Practitioner), DNP (NUANPNDNP)

Online Degree Search Title: Neonatal Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

This 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 will be 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 will be 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).

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.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00, or a cumulative GPA equal to 3.00 (4.00 = "A") or higher for any baccalaureate or graduate degree attained
- a current unencumbered license*
- satisfactory completion of the analytical writing section of the GRE
- three online recommendations from individuals knowledgeable about the applicant's academic and nursing leadership potential and one self-evaluation completed by the applicant
- an interview with a representative of the specialty area
- proof of English proficiency**

*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.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Please see the program website for application deadlines.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
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: Pediatric Nurse Practitioner (DNP)

Campus: Downtown Phoenix

Program Description:

This program, accredited by the Commission on Collegiate Nursing Education, is designed for nurses seeking to become advanced-practice nurses as nurse practitioners of pediatric patients. 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 health assessment and advanced pharmacology. Advanced pediatric 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.

The DNP is offered in a hybrid and 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 (two or three one-day sessions), depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be 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).

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.

Admission Requirements:

All applicants are required to submit the ASU online graduate admission application and the supplemental application materials required by the College of Nursing and Health Innovation.

Admission to Doctor of Nursing Practice in the College of Nursing and Health Innovation is based upon the following requirements (details within the application):

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/pediatric-nurse-practitioner>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Biospecimen Repository Administration (certificate), Certificate (NUBRAGRCT)

Online Degree Search Title: Biospecimen Repository Administration (Graduate Certificate)

Campus: Online

Program Description:

Biobanking has been called one of the top ideas that is changing the world. The collection, storage and distribution of biological samples such as blood and tissue for research and personalized medicine, is changing how researchers and doctors look at health, disease and treatments.

Biobanks, or biospecimen repositories, found in hospitals, research institutions, laboratories, academic sites, and pharmaceutical companies, need trained and capable leaders who can oversee the business, technical and operational aspects of biospecimen repository administration.

The biospecimen repository administration certificate program prepares students to oversee the business and administrative operations of a biospecimen repository. Focusing on collection, storage and disbursement of samples, the program includes ethical and practical considerations of biospecimen resource management and operations, resource evaluation and implementation, and project management. Related business concepts such as cost-benefit analytics, personnel and sustainability of the repository are also covered in the program. Emphasizing principles of ethical and quality practices, this program will prepare students to work in this highly regulated field.

Degree Requirements: 15 credit hours.

Required Courses: (15 credit hours)

HCR 545 Foundations of Bio-specimen Repository Administration (3)
HCR 546 Management of Bio-specimen Repository Operations (3)
HCR 547 Bio-specimen Resource and Technology Management (3)
HCR 548 Regulation and Ethics in Bio-specimen Repository Administration (3)
HCR 549 Scientific Innovation and Bio-specimen Repository Administration (3)

Admission Requirements:

Applicants must complete an online graduate admission application.

Degree: bachelor's degree in any business, science, engineering, nursing, medicine, math, technology or health-related field or a bachelor's degree in any other field (not mentioned above) with more than six months vocational experience in the biospecimen repository administration field.

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; a minimum of a 3.00 cumulative GPA (scale is 4.00=A) in the applicable master's degree program

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-biospecimen-repository-administration?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/biospecimen-repository-administration-graduate-certificate>
MERCC 250
nursingandhealth@asu.edu
602-496-0937

Care Coordination (certificate), Certificate (NUCRCDGRCT)

Online Degree Search Title: Care Coordination (Graduate Certificate)

Campus: Downtown Phoenix, West

Program Description:

The graduate certificate program in care coordination provides registered nurses with advanced preparation to provide effective, patient-centered care coordination services that improve health outcomes, enhance health care quality and reduce health care costs. Graduates are specialists who are able to synthesize innovation principles and best available evidence to lead interprofessional teams to design, deliver and evaluate care coordination practices that are patient centered; improve health, safety and cost outcomes; and enhance quality and access to care across diverse populations. This program supports preparation for national certification as a case manager through the American Nurses Credentialing Center or through the Case Management Society of America.

Degree Requirements: 15 credit hours.

Required Courses: (15 credit hours)

NUR 510 Foundations of Care Coordination Practice (3)

NUR 511 Concepts of Care Coordination and the Nurse's Role (3)

NUR 512 Improving Quality and Safety Outcomes through Effective Care Coordination (3)

NUR 513 Interprofessional Collaborative Practice and Transforming Health Care Policy (3)

NUR 519 Role-Focused Practicum: Care Coordination (3)

Admission Requirements:

Applicants must submit an online graduate admission application.

Admission to this certificate program is based upon the following requirements:

- completion of a bachelor's degree in nursing at a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 (scale is 4.00 = "A") or a cumulative GPA equal to 3.00 or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English language proficiency**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per Graduate Education requirements and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/care-coordination-graduate-certificate>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Child and Adolescent Mental Health Intervention (certificate), Certificate (NUCAMHICE)

Online Degree Search Title: Child and Adolescent Mental Health Intervention Specialist (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The College of Nursing and Health Innovation at ASU offers the nation's first graduate certificate program for child and adolescent mental health intervention specialist. This innovative program is designed specifically for pediatric and family nurse practitioners, physicians and other interdisciplinary health care providers who desire to enhance their knowledge and skills in the assessment and management of common mental and behavioral health problems in children and adolescents. This graduate certificate curriculum is predominantly an online distance education program with two daylong visits to the ASU Downtown Phoenix campus for orientation and intensive learning.

Degree Requirements: 15 credit hours.

Nine credit hours of this program can be transferred into the college's post-master's child and family psychiatric mental health nurse practitioner program for those students desiring more depth in assessing and treating child and adolescent mental health problems as a child and family psychiatric mental health nurse practitioner.

Admission Requirements:

Applicants must submit an online graduate admission application.

- Applicants must either have an MS in nursing and work as a pediatric and family nurse practitioner or pediatric clinical nurse specialist or be a health-related professional (e.g., physician, social worker, physician assistant) with experience in child and adolescent behavioral and mental health.
- Current health care licensure in the applicant's state of residence is needed for admission to this certificate program.
- An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

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:

The MS in clinical research management degree program prepares students to lead complex global clinical research operations in multiple types of employer settings in the rapidly growing clinical research industry. Graduates of the program will be qualified to fill specialized positions in clinical research operations. Potential employers include medical drug, device and product developers; governmental regulatory agencies; health care institutions; organizations conducting clinical research; academic medical institutions; and national and international contract research organizations.

The clinical research management program offers a transdisciplinary approach to education in the fiscal practices of conducting clinical research, the ethical and regulatory aspects of clinical research and the overall operational management of clinical drug, biological and medical device trials. The program is designed to be flexible, making it convenient for the adult learner.

Degree Requirements: 33 credit hours including the required capstone course (HCR 566).

Core: (12)

HCR 551 Clinical Research Monitoring (3)

HCR 564 Capstone Clinical Research Management Project (3) or HCR 552 Medical Device Approval and Regulation (3)

HCR 567 Research Management and Contemporary Research Topics (3)

HCR 574 Institutional Review Board (IRB) in Human Research (3)

Electives: (18)

Culminating experience: (3)

HCR 566 Capstone Clinical Research Management Project II (3)

Admission Requirements:

Admission requirements are as follows:

- submission of an online graduate admission application
- six months full-time, related clinical research work or internship experience demonstrated on applicant's resume or curriculum vitae (may be requested to submit employer job description or internship transcript)
- bachelor's degree that includes courses with content in anatomy and physiology and medical terminology, or bachelor's degree and evidence that the applicant has successfully completed additional courses in anatomy and physiology and medical terminology
- a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semester hours or 90 quarter hours of undergraduate course work or a cumulative GPA equal to 3.00 or higher for any undergraduate or graduate degree attained
- three online references from colleagues, supervisors or other professional contacts attesting to the applicant's academic and leadership experiences
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-science-clinical-research-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/clinical-research-management-ms>

MERCC 250

nursingandhealth@asu.edu

602-496-0937

Clinical Research Management (certificate), Certificate (NUHCRGRCC)

Online Degree Search Title: Clinical Research Management (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate in clinical research management is a fully online program that prepares graduates to lead complex global clinical research operations at multiple types of employer settings in the rapidly growing clinical research industry.

The clinical research management program offers a multidisciplinary approach to education in the fiscal practices of clinical research, the ethical and regulatory aspects of clinical research, and the overall operational management of clinical drug, biological and medical device trials. The program is designed to be flexible and conducive to the adult learner.

Degree Requirements: 15 credit hours including the required capstone course (HCR 564).

core (12):

HCR 561 Responsible Conduct of Research (3)

HCR 562 Clinical Research Data Management and Technology (3)

HCR 563 Fundamentals of Regulatory Affairs (3)

HCR 565 Clinical Research Operations (3)

restricted elective (3)

Admission Requirements:

Minimum requirements for admission to the graduate certificate in clinical research management are:

- submission of an online graduate admission application
- six months of full-time, related clinical research work or internship experience demonstrated on applicant's resume or curriculum vitae*
- bachelor's degree from a nationally recognized, regionally accredited academic institution that includes courses with content in anatomy and physiology and medical terminology, or bachelor's degree and evidence the applicant successfully completed additional courses in anatomy and physiology and medical terminology
 - a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semester hours or 90 quarter hours of undergraduate course work, or a cumulative GPA equal to 3.00 or higher for any undergraduate or graduate degree attained
 - three online references from colleagues, supervisors or other professional contacts attesting to the applicant's academic and leadership experiences
 - proof of English language proficiency**

*Applicants may be required to submit a job description or internship transcript from their employer.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and those of the College of Nursing and Health Innovation.

Please see the program website for application deadlines.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-clinical-research-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/clinical-research-management-graduate-certificate>

MERCC 250

nursingandhealth@asu.edu

602-496-0937

Clinical Research Management (Regulatory Science), MS (NUCRMRSMS)

Online Degree Search Title: Clinical Research Management (Regulatory Science) (MS)

Campus: Online

Program Description:

The purpose of this concentration is to prepare students for careers in regulatory aspects of clinical research. The regulatory science concentration uses a transdisciplinary approach and encompasses course work in regulatory writing techniques, quality systems and medical device or pharmaceutical regulation. The concentration is designed to develop the student's understanding of how to meet regulatory oversight requirements as they relate to the conduct of clinical studies. The concentration offers an alternative course option for students pursuing the clinical research management degree.

Degree Requirements: 33 credit hours including the required capstone course (HCR 566).

Core (15)

Concentration Courses (15)

Culminating Experience (3)

Admission Requirements:

Minimum requirements for admission to the MS degree program in clinical research management are:

- submission of an online graduate admission application
- six months of full-time, related clinical research work or internship experience demonstrated on applicant's resume or curriculum vitae (may be required to submit employer job description or internship transcript)
- bachelor's degree that includes courses with content in anatomy and physiology and medical terminology, or bachelor's degree and evidence the applicant successfully completed additional courses in anatomy and physiology and medical terminology
- a minimum GPA of 3.00 (on a 4.00 scale) in the last 60 semester hours or 90 quarter hours of undergraduate course work, or a cumulative GPA equal to 3.00 or higher for any undergraduate or graduate degree attained
- three online references from colleagues, supervisors or other professional contacts attesting to the applicant's academic and leadership experiences
- proof of English language proficiency as required by the Division of Graduate Education*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/clinical-research-management-regulatory-science-ms>

MERCC 250

nursingandhealth@asu.edu

602-496-0937

Community and Public Health Practice (certificate), Certificate (NUCHPGRCH)

Online Degree Search Title: Community and Public Health Practice (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate in community and public health practice is directed toward students with bachelor's degrees who currently work in community or public health or other relevant fields and who want to solve public health problems and apply a breadth of knowledge and expertise in the community.

Degree Requirements: 16 credit hours.

The graduate certificate in community and public health practice includes three credit hours (135 clock hours) of internship.

Admission Requirements:

Applicants must submit an online graduate admission application.

Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing (or related field) from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (4.00 = "A") or higher for any baccalaureate or graduate degree attained
- a current unencumbered professional license in the state where the internship will be conducted or an unencumbered Arizona professional practice license (if necessary)
- three online professional recommendations from individuals knowledgeable about the applicant's academic and leadership potential
- an interview with the program faculty
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Evidence-Based Practice in Nursing and Healthcare (certificate), Certificate (NUEVIDNSCE)

Online Degree Search Title: Evidence-Based Practice in Nursing and Healthcare (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The evidence-based practice in nursing and health care graduate certificate program is designed to prepare nurse clinicians, educators and other health care professionals as experts in evidence-based practice. This 18-month program is user friendly and constructed in a distance-learning, online format to facilitate involvement of participants throughout the U.S. and the world. Two on-site visits to ASU are required. The initial visit is an orientation and the final visit is an immersion.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of an accredited master's degree with a 3.00 cumulative GPA (4.00 = "A") or current enrollment in an accredited master's degree program with a cumulative 3.00 GPA and approval by program director
- letter of support from the applicant's agency
- official transcripts from the applicant's academic degree institution

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill both the requirements of the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Family Nurse Practitioner (certificate), Certificate (NUFMPGRCE)

Online Degree Search Title: Family Nurse Practitioner (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

This Commission on Collegiate Nursing Education-accredited certificate program is designed for nurses with a master's degree in nursing who seek to become family nurse practitioners or for nurse practitioners with a master's degree or DNP who seek additional certification as family nurse practitioners. 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 then two or three times per semester (two or three one-day sessions), depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be required to complete the clinical experience in the Phoenix area. Rural health and experiences with disadvantaged and multicultural populations are encouraged, and sites are available for these experiences.

Degree Requirements: 22 credit hours.

This graduate certificate program (including 585 clinical hours) prepares nurses with their master's degree to become family nurse practitioners.

Prerequisites required or equivalent courses taken in master's program:

DNP 604 Advanced Human Pathophysiology Across Lifespan (4)
DNP 605 Advanced Health Assessment Across Lifespan (3)
DNP 608 Advanced Pharmacotherapeutics Across Lifespan (3)
DNP 609 Advanced Practice Nursing Role I (1)
DNP 610 Advanced Practice Nursing Role II (1)

Students will have an individual review of their transcripts and an individualized program of study designed to meet certification requirements. This may add up to one year of additional study to complete this certificate.

Admission Requirements:

Applicants must submit an online graduate admission application.

Admission to the Family Nurse Practitioner (graduate certificate) program in the College of Nursing and Health Innovation is based upon the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- completion of a master's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred
- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/NUFMPGRCE/Gedt.html> (<https://catalog.asu.edu/files/disclosures/NUFMPGRCE/Gedt.html>).

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/family-nurse-practitioner-graduate-certificate>
HLTHN 113
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 Commission on Collegiate Nursing Education-accredited certificate program is designed for nurses with a master's degree in nursing who seek to become family psychiatric nurse practitioners or for nurse practitioners with a master's degree or DNP who seek additional certification a family psychiatric nurse practitioner. 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 then two or three times per semester (two or three one-day sessions), depending on the courses being taught.

Focused clinical experiences are arranged with appropriate preceptors and administrators. Every attempt will be 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 will be required to complete the clinical experience in the Phoenix area. Rural health and experiences with disadvantaged and multicultural populations are encouraged, and sites are available for these experiences.

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.

Prerequisites required or equivalent courses taken in master's program:

- DNP 604 Advanced Human Pathophysiology Lifespan (4)
- DNP 605 Advanced Health Assessment Across Lifespan (3)
- DNP 608 Applied Pharmacotherapeutics Across Lifespan (3)
- DNP 609 and 610 Advanced Practice Nursing Role I and II (2)

Students will 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 submit an online graduate admission application.

Admission to the family psychiatric and mental health nurse practitioner graduate certificate program in the College of Nursing and Health Innovation is based upon the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- completion of a master's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- one year of clinical experience working within the student's specialty population is preferred

- interview with program faculty
- 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**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/family-psychiatric-and-mental-health-nurse-practitioner-graduate>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Health Care Innovation, Certificate (NUHCINGRCT)

Online Degree Search Title: Health Care Innovation (Graduate Certificate)

Campus: Online

Program Description:

The health care innovation graduate certificate provides students with the cognitive and affective competencies to create and sustain transformative change in health care. The emerging field of health care innovation requires individuals who can lead and facilitate change. Students will learn through reflection, personality assessment, exercises in transdisciplinary 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 will prepare students to work in this transdisciplinary and highly sought-after area.

Degree Requirements: 15 credit hours including the required capstone course (HCI 570).

Core (11)

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)

HCI 570 Capstone Course: Innovation Project (4)

Total required credit hours: 15

Admission Requirements:

Applicants must submit an online graduate admission application.

Degree: bachelor's degree in any health-related business, social science, hard science, health care practice or technology field

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: none

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-health-care-innovation?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/health-care-innovation-graduate-certificate>

MERCC 250

nursingandhealth@asu.edu

602-496-0937

Healthcare Innovation, MHI (NUHCINNMHI)

Online Degree Search Title: Healthcare Innovation (MHI)

Campus: Online

Program Description:

The MHI is the first degree of its kind in the country --- a transdisciplinary, fully online, asynchronous program that prepares students to lead transformation in health care.

Students will 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 policy-making. Students will develop competence in the design, application and testing of innovative processes and products. A primary focus will be on preparing 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 will gain leadership skills to influence the future of health care and help transform and improve health care outcomes for consumers and communities.

Degree Requirements: 34 credit hours including the required capstone course (HCI 563).

Core: (26 credit hours)

HCI 538 Innovation and the Individual (3)

HCI 540 Understanding and Applying Principles of Evidence-Based Practice (3)

HCI 542 Systems Thinking in a Complex Environment (3)

HCI 544 IT for Healthcare Innovation (3)

HCI 548 Advanced Principles and Concepts of Innovation (3)

HCI 550 Healthcare Policy and Innovation (3)

HCI 552 Financing for Innovation (3)

HCI 554 Outcomes Evaluation (3)

HCI 561 Innovation Methods (2)

electives: (3 credit hours)

culminating experience: (5 credit hours)

HCI 563 Capstone: Final Innovation Project (5)

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- a bachelor's degree from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any baccalaureate or graduate degree attained
- three professional recommendations from individuals knowledgeable about the applicant's academic and leadership potential
- submission of a personal statement and essays along with a current resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-healthcare-innovation?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Nursing and Health Innovation, College of
 College of Nursing and Health Innovation
<https://mhi.asu.edu/>
 MERCC 250
 healthcareinnovation@asu.edu
 602-496-0937

Innovation Leadership, Certificate (NUINLSGRCT)

Online Degree Search Title: Innovation Leadership (Graduate Certificate)

Campus: Online

Program Description:

This graduate certificate 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 will learn through reflection, personality assessment, public speaking, leadership network identification, entrepreneurship, idea pitching and change-readiness assessment. This certificate will prepare 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: (15 credit hours)

HCI 538 Innovation and the Individual (3)

HCI 543 Approaches to Leading Health Care Innovation (3)

HCI 545 Public Speaking for Innovation: Building Your Presence and Making the Case for Change (3)

HCI 571 Capstone Course: Leadership Portfolio (3)

NLM 562 Social Entrepreneurship (3)

Total required credit hours: 15

Admission Requirements:

Applicants must complete an online graduate admission application.

Degree: bachelor's degree in any health-related business, social science, hard science, health care practice or technology field

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: none

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-innovation-leadership?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/innovation-leadership-graduate-certificate>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

International Health for Healthcare Professionals (certificate), Certificate (NUHCRGRCI)

Online Degree Search Title: International Health for Healthcare Professionals (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The international health for health care professionals graduate certificate 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- 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 submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- 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
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any baccalaureate or graduate degree attained
- 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**

*References will be contacted by the Division of Graduate Education, with a request to complete a reference questionnaire.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

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 will prepare health and social service professionals to address healthy aging with a focus on prevention and early intervention to optimize health, behavioral health and quality of life of older adults and their family caregivers.

Degree Requirements: 18 credit hours.

core: (15 credit hours)

DNP 682 Geriatric Health Promotion (3)
NUR 629 Research for Geriatric Practice (3)
SWG 570 Aging: A Biopsychosocial Spiritual Perspective (3)
SWG 572 Interprofessional Approaches to Health Aging (3)
SWG 573 Policies to Promote Healthy Aging (3)

restricted electives: (3 credit hours)

NUR 628 Palliative Care in Older Adult (3)
SWG 571 Mental Health Aspects of Aging (3)
student choice with instructor permission and advisor approval

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- completion of a bachelor's degree from a nationally recognized, regionally accredited academic institution
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree or higher for any baccalaureate or graduate degree attained

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

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

Program Description:

This 15 credit hour graduate certificate in nurse education prepares post-master's registered nurses and other health professionals to teach in academic or practice settings. This graduate certificate is delivered using a hybrid format that optimizes in-person and iCourse delivery methods. Courses include: curriculum development, teaching methods, design and delivery of mediated instruction, producing and evaluating educational programs and a 135 hour teaching practicum.

Degree Requirements: 15 credit hours.

A three credit hour teaching practicum (comprised of 135 clock hours) is required.

Admission Requirements:

Applicants must submit an online graduate admission application.

Admission to the nurse education in academic and practice settings graduate certificate program in the College of Nursing and Health Innovation is based upon the following requirements:

- minimum of a master's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English language proficiency**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/nurse-education-academic-and-practice-settings-graduate-certificate>
HLTHN 113
nursingandhealth@asu.edu
602-496-0739

Nursing (Care Coordination), MS (NUCRCDMS)

Online Degree Search Title: Nursing (Care Coordination), MS

Campus: Downtown Phoenix, West

Program Description:

The MS program in nursing with a concentration in care coordination provides registered nurses with advanced preparation to translate and apply effective patient-centered care coordination services that improve health outcomes, enhance health care quality and reduce health care costs.

Graduates are specialists able to: synthesize innovation principles and best available evidence to lead interprofessional teams to design, deliver and evaluate care coordination practices that are patient-centered; improve health, safety and cost outcomes; and enhance quality and access to care across diverse populations. This program supports preparation for national certification as a case manager through the American Nurses Credentialing Center or through the Case Management Society of America.

Degree Requirements: 35 credit hours including the required Applied Project Course (NUR 593).

Required Core Courses: (15 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

NUR 501 Innovation Leadership and Role Development (3)

NUR 502 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion I (3)

NUR 503 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics for Health Promotion II (3)

Required Concentration Courses: (12 credit hours)

NUR 510 Foundations of Care Coordination Practice (3)
NUR 511 Concepts of Care Coordination and the Nurse's Role (3)
NUR 512 Improving Quality and Safety Outcomes through Effective Care Coordination (3)
NUR 513 Interprofessional Collaborative Practice and Transforming Health Care Policy (3)

Other Requirement: (5 credit hours)

NUR 509 Clinical Prevention and Population Health Practicum (2)
NUR 519 Role-Focused Practicum (3)

Culminating Experience: (3 credit hours)

NUR 593 Applied Project (3)

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to the MS nursing (care coordination) program in the College of Nursing and Health Innovation is based upon the following requirements:

- completion of a bachelor's degree in nursing at a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English language proficiency**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Nursing (Community Health Advanced Practice Nursing), MS (NUCHNDTMS)

Online Degree Search Title: Community Health Nursing (MS)

Campus: Downtown Phoenix

Program Description:

The community health nursing graduate program provides theoretical and practical foundations for advanced practice in community and public health nursing in public or private sector health care settings. Graduate courses in nursing theory, research, epidemiology and biostatistics provide a foundation for practice in community and public health nursing. By combining public and community health theory with nursing theory and research, the community health nurse considers all influences on the population and community in decision-making and outcome evaluation. The major focus in this specialty area is on utilizing public health sciences and skills in the assessment of communities and populations, policy development, program planning, effective communication and the impact of cultural influences on health. The graduate in community and public health is actively engaged in education (e.g., community, staff, students and colleagues), case management, expert clinical practice, consultation, research and administration.

Degree Requirements: 45 credit hours including the required applied project course (NUR 593).

The practicum and internship requirements include 540 clock hours. At the completion of the program, students are eligible to take the American Nurses Credentialing Center exam for national certification as an advanced public health nurse.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00=A) or higher for any undergraduate or graduate degree attained
- a current unencumbered license in the state where internship or practicum will be conducted or an unencumbered Arizona license to practice as a registered nurse to enroll in nursing practicum courses
- satisfactory completion of the analytical writing section of the GRE
- three online recommendations from individuals knowledgeable about the applicant's academic and nursing leadership potential and one self-evaluation submitted by the applicant
- an interview with the program faculty
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Nursing (Nursing Education), MS (NUNURSEDMS)

Online Degree Search Title: Nursing (Nursing Educator), MS

Campus: Downtown Phoenix

Program Description:

The MS program in nursing education prepares nurses as educators in increasingly complex, technological health environments with culturally diverse populations. The program is designed to foster scholarship, creativity and innovation as a foundation for leadership roles in academic and practice settings. The program offers advanced-level courses in education that can be used to provide a transition to doctoral level study, depending on career goals. At the completion of the program, graduates with two years of teaching experience in an academic institution within the past five years, may be eligible to take the National League for Nursing Certification examination.

Degree Requirements: 35 credit hours including the required applied project course (NUR 593).

This degree program culminates in an applied project related to learner-centered education. The core of the program consists of 15 credit hours of courses and a practicum, which focuses on the science and art of nursing education, and theory and practice courses related to one of the current clinical specialties.

core: (15 credit hours)

DNP 601 Theoretical Foundations for Advanced Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

NUR 501 Individual and Innovation Leadership in Advanced Nursing Practice (3)

NUR 502 Advanced Health Assessment, Pathophysiology, and Pharmacotherapeutics for Health Promotion I (3)

NUR 503 Advanced Health Assessment, Pathophysiology, and Pharmacotherapeutics for Health Promotion II (3)

concentration: (12 credit hours)

NUR 670 Curriculum Development in Academic Practice Settings (3)

NUR 671 Teaching in Academic Practice Settings (3)

NUR 672 Design and Delivery of Mediated Instruction (3)

NUR 673 Producing Evaluating Programs for Academic Practice Settings (3)

other requirements: (5 credit hours)

NUR 509 Clinical Prevention and Population Health Practicum (2)

NUR 579 Role Focused Practicum: Nurse Educator (3)

culminating experience: (3 credit hours)

NUR 593 Applied Project (3)

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to the MS Nursing (Nursing Education) program in the College of Nursing and Health Innovation is based upon the following requirements:

- completion of a bachelor's degree in nursing at a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English language proficiency**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/nursing-nursing-educator-ms>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Nursing (Nursing Informatics), MS (NUNINFMS)

Online Degree Search Title: Nursing (Nursing Informatics) MS

Campus: Downtown Phoenix

Program Description:

The MS program in Nursing with a concentration in Nursing Informatics provides registered nurses with advanced preparation to integrate technological expertise and data management skills in health care settings to improve access to health care, enhance health care quality and safety, and reduce health care costs.

Graduates are specialists able to: manage nursing and health informatics systems; create systems for planning, implementing and evaluating nursing and health information systems; appraise data management and health care technology systems for clinical implementation; and participate in the design of innovative nursing and health information systems to enhance evidence-based practice. This program supports preparation for national certification in Informatics (RN-BC) and Certified Professionals in Health Information and Management Systems (CPHIMS).

Degree Requirements: 35 credit hours including the required Applied Project Course (NUR 593).

Core (15)

DNP 601 Theoretical Foundations for Advanced Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

NUR 501 Individual and Innovation Leadership in Advanced Nursing Practice (3)

NUR 502 Advanced Health Assessment, Pathophysiology, and Pharmacotherapeutics for Health Promotion I (3)

NUR 503 Advanced Health Assessment, Pathophysiology, and Pharmacotherapeutics for Health Promotion II (3)

Concentration (15)

BMI 601 Fundamentals of Health Informatics (3)

BMI 603 Health Informatics Database Modeling and Applications (3)

NUR 530 Foundational Concepts for Nursing Informatics (3)

NUR 531 Advanced Concepts in Nursing Informatics (3)

NUR 539 Role-Focused Practicum: Nursing Informatics (3)

other requirement (2)

NUR 509 Clinical Prevention and Population Health Practicum (2)

culminating experience:

three credit hours of Applied Project course NUR 593

total credit hours required: 35

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing at a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any baccalaureate or graduate degree attained
- current unencumbered license*
- three online recommendations from individuals knowledgeable about the applicant's academic potential and a self-assessment form submitted by the applicant
- an interview with program faculty
- proof of English language proficiency**

*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.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
nursingandhealth@asu.edu
602-496-0888

Nursing (Patient Safety and Health Care Quality), MS (NUPSHCMS)

Online Degree Search Title: Nursing (Patient Safety & Health Care Quality), MS

Campus: Downtown Phoenix, West

Program Description:

The MS in nursing patient safety and health care quality degree program provides registered nurses with advanced preparation to translate and apply concepts, practices and principles of safety and improvement science to enhance safety and quality of patient care.

Graduates are specialists able to: synthesize innovation principles and best available evidence to develop interventions for implementation; and, lead interprofessional teams to design, deliver, and evaluate safety and quality improvement efforts that are patient-centered, minimize risk and improve outcomes across diverse practice settings. This program supports preparation for national certification as a certified professional in health care quality and as a certified patient safety officer.

Degree Requirements: 35 credit hours including the required Applied Project Course (NUR 593).

Required Core Courses: (15 credit hours)

DNP 601 Theoretical Foundations for Advance Practice Nursing (3)

DNP 602 Evaluating Research for Practice (3)

NUR 501 Individual and Innovation Leadership in Advanced Nursing Practice Role (3)

NUR 502 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics I (3)

NUR 503 Advanced Health Assessment, Pathophysiology and Pharmacotherapeutics II (3)

Required Concentration Courses: (12 credit hours)

NUR 520 Patient Safety and Health Care Quality Principles, Assessment and Methods (3)

NUR 521 Healthcare Evidence, Informatics and Analysis (3)

NUR 522 Designing Systems for Patient Safety and Healthcare Quality (3)

NUR 523 Interprofessional Collaboration for Improving Patient Safety and Healthcare Quality Outcomes (3)

Other Requirements: (5 credit hours)

NUR 509 Clinical Prevention and Population Health Practicum (2)

NUR 529 Role-Focused Practicum: Patient Safety and Healthcare Quality (3)

Culminating Experience: (3 credit hours)

NUR 593 Applied Project (3)

Admission Requirements:

Admission to the MS nursing (patient safety and health care quality) program in the College of Nursing and Health Innovation is based upon the following requirements:

- completion of a bachelor's degree in nursing at a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- a current unencumbered RN license in the state in which the student plans to do clinical practicums*
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements: passing disposition on a background clearance and satisfactory completion of a substance screen
- proof of English language proficiency**

Required Admission Examinations: none

*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 applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/degree-programs/graduate/nursing-patient-safety-health-care-quality-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 PhD degree program in nursing and health care innovation is designed for scholars who wish to pursue careers as leaders in health policy, education and research. This degree will also help to address a national need for faculty and researchers, who are increasingly in short supply.

This program is offered in traditional on-site delivery format and innovative synchronous online delivery, designed to maintain our commitment to a highly mentored, interactive learning experience. Several different modalities are used to enhance the student's learning, including multimedia presentations, asynchronous discussion boards and live chats.

Degree Requirements: 84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Up to 30 credit hours from a previously awarded master's degree may count toward this requirement. Twelve 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 course work 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
- world health

The program may incorporate courses from other disciplines to further refine substantive areas of study.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to the doctoral program in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree or master's degree in nursing or a related field from a nationally recognized, regionally accredited academic institution
- a cumulative undergraduate GPA of at least 3.00 or a cumulative graduate GPA of at least 3.50 (scale is 4.00 = "A")
- submission of a current resume, goal statement essay and a writing sample
- completion of a current inferential statistics prerequisite course
- GRE scores are recommended, but not required
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Students are admitted once a year, to start in the fall semester.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/nursing-and-healthcare-innovation-phd>
HLTHS 270
phdnursing@asu.edu
602-496-0930

Nursing Informatics (Certificate), Certificate (NUNINFGRCT)

Online Degree Search Title: Nursing Informatics (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The Graduate Certificate in Nursing Informatics provides registered nurses with advanced preparation to integrate technologic expertise and data management skills in healthcare settings to improve access to health care, enhance health care quality and safety, and reduce health care costs.

Graduates are specialists able to: manage nursing and health informatics systems; create systems for planning, implementing and evaluating nursing and health information systems; appraise data management and health care technology systems for clinical implementation; and participate in the design of innovative nursing and health information systems to enhance evidence-based practice. This certificate supports preparation for national certification in Informatics (RN-BC) and Certified Professionals in Health Information and Management Systems (CPHIMS).

Degree Requirements: 15 credit hours, or 15 credit hours.

Core (15)

BMI 601 Fundamentals of Health Informatics (3)

BMI 603 Health Informatics Database Modeling and Applications (3)

NUR 530 Foundational Concepts for Nursing Informatics (3)

NUR 531 Advanced Concepts in Nursing Informatics (3)

NUR 539 Role-Focused Practicum: Nursing Informatics (3)

Total credit hours: 15

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- completion of a bachelor's degree in nursing at a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any baccalaureate or graduate degree attained
- current unencumbered license*
- three online recommendations from individuals knowledgeable about the applicant's academic potential and a self-assessment form submitted by the applicant
- an interview with program faculty
- proof of English language proficiency**

*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.

**Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Patient Safety and Health Care Quality (certificate), Certificate (NUPSHCGRCT)

Online Degree Search Title: Patient Safety and Health Care Quality (Graduate Certificate)

Campus: Downtown Phoenix, West

Program Description:

The patient safety and health care quality graduate certificate is designed for health professionals who wish to advance their preparation in the practices and principles of improvement science, which enhances safe, effective patient care. The program is open to all bachelor's degree-prepared health professionals.

Graduates are specialists who are able to synthesize innovation principles and best available evidence to develop interventions for implementation as well as to lead inter-professional teams to design, deliver and evaluate safety and quality improvement efforts that are patient centered, minimize risk and improve outcomes across diverse practice settings. This program supports preparation for national certification as a certified professional in health care quality and certified patient safety officer.

Degree Requirements: 15 credit hours.

Required Courses: (15 credit hours)

- NUR 520 Patient Safety and Healthcare Quality Principles, Assessment and Methods (3)
- NUR 521 Healthcare Evidence, Informatics and Analysis (3)
- NUR 522 Designing Systems for Patient Safety and Healthcare Quality (3)
- NUR 523 Interprofessional Collaboration for Improving Patient Safety and Healthcare Quality Outcomes (3)
- NUR 529 Role-Focused Practicum: Patient Safety and Healthcare Quality (3)

Admission Requirements:

Applicants must submit an online graduate admission application.

Admission to this certificate program is based upon the following requirements:

- completion of a bachelor's degree in a health-related area or completion of a bachelor's degree with an associate degree in a health-related area from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00 or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher for any graduate degree attained
- current and unencumbered professional license (if required)
- interview with program faculty
- three professional letters of recommendation
- resume
- goal statement
- health and safety requirements (passing disposition on a background clearance and satisfactory completion of a substance screen)
- proof of English language proficiency*

Required Admission Examinations: none

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency per the Division of Graduate Education requirement and all requirements for the Commission on Graduates of Foreign Nursing Schools.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/graduate/patient-safety-and-health-care-quality-graduate-certificate>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Regulatory Science and Health Safety, MS (NURSHSMS)

Online Degree Search Title: Regulatory Science and Health Safety (MS)

Campus: Downtown Phoenix

Program Description:

The MS in regulatory science and health safety is designed to prepare students for careers in the field of regulatory affairs. The aim of the program is to instruct students about the development and commercialization of medical drugs, devices and other regulated products. The program will focus on safety as a fundamental aspect of regulatory science, and on leadership development. The program uses a transdisciplinary approach to meet the unique needs of regulating bodies and the regulated industry. It encompasses course work in clinical research, ethics, quality systems, quantitative methods and statistics, leadership and project management in the regulatory field. Students will develop skills that incorporate an evidence-based approach to decision-making, clinical research, regulations and the evaluation of the safety of health products, including drugs, medical devices and nutritional products. They will also develop leadership and project management skills.

Admission Requirements:

Applicants must submit an online graduate admission application. Admission to graduate status in the College of Nursing and Health Innovation is based upon meeting the following requirements:

- a bachelor's degree from a nationally recognized, regionally accredited academic institution
- an undergraduate junior and senior GPA equal to 3.00, or a cumulative GPA equal to 3.00 (scale is 4.00 = "A") or higher from any undergraduate or graduate degree attained
- three online recommendations from individuals knowledgeable about the applicant's academic and leadership potential
- proof of English proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Nursing and Health Innovation.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
ClinicalResearchMgmt@asu.edu
602-496-0937

Public Service and Community Solutions, College of

Assessment of Integrative Health Modalities (certificate), Certificate (PPSWGGRCH)

Online Degree Search Title: Assessment of Integrative Health Modalities (Grad Certificate)

Campus: Downtown Phoenix

Program Description:

The School of Social Work graduate certificate program in assessment of integrative health modalities will focus on integrative health, the current term used by practitioners in the field who feel strongly that treating the whole person --- body, mind and spirit --- is the route to the highest quality of health.

The purpose of the certificate is to enhance students' knowledge of integrative health practices. It will provide students with extensive knowledge of integrative health practices through directed readings in evidence-based journal articles, expert lectures from community health professionals and ASU faculty drawn from across disciplines, field observation, an individual research paper and a mindfulness in-class practice and class interaction that can enhance the quality and effectiveness of treating clients holistically.

Degree Requirements: 15 credit hours.

The certificate will require the completion of credit hours distributed among three required courses, including two approved transdisciplinary electives:

SWG 655 Quality of Life (3)

SWG 656 Treating the Whole Person (3)

SWG 657 Ancient Healing Traditions (3)

In addition, after the completion of three approved courses and prior to completing the last course of the program, students are required to complete a research project highlighting their certificate experience.

Admission Requirements:

Students interested in applying to this program must submit the online graduate admission application, official transcripts (if not on file with ASU), and application fee. An applicant whose native language is not English (regardless of current residency) must provide 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

No more than two certificate courses may be completed before applying for admission to the 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. A minimum of a bachelor's degree in health or human services or a related field is required for entry into the certificate program.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work

<https://socialwork.asu.edu>

UCENT 800

social.work@asu.edu

602-496-0800

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 professional option.

Degree Requirements: 30 credit hours and a thesis, or 36 credit hours and a master's research paper.

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 professional option. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The professional 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.

Program Requirements: Thesis Option

The thesis option consists of a minimum of 30 credit hours, including six credit hours of thesis, which must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 599 Thesis (6)
advanced inquiry (3)
electives (9)

Program Requirements: Professional Option

The professional option consists of 36 credit hours, including six credit hours of practicum. A signed affiliation agreement is required to be on file with the graduate coordinator before registration. The purpose of the 300 hour practicum is to provide graduate students with in-depth, agency-based professional experiences. The student committee consists of two school faculty members and one community or agency professional. At the end of the practicum, the student is required to submit a written description and analysis of the project and to present the results to the committee.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Recreation and Tourism Service Management (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 580 Practicum (6)
electives (15)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Nonprofit Leadership and Management, BS
- Parks and Recreation Management, BS
- Parks and Recreation Management (Therapeutic Recreation), BS
- Tourism Development and Management, 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students applying to the master's degree program must have achieved a GPA of 3.00 (on a 4.00 scale) or the equivalent in the last two years of work leading to the bachelor's degree. Please see the program website for application deadlines.

Applicants should submit the following items:

- all undergraduate transcripts
- an online graduate admission application
- application fee
- statement of professional and academic goals
- GRE scores
- three letters of recommendation
- current resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 course work in addition to the master's degree requirements. Deficiency course work may be taken in conjunction with master's degree classes.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://scrd.asu.edu>
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 School of Community Resources and Development offers a graduate program leading to the PhD in community resources and development.

The doctoral program in community resources and development is a theoretically grounded, research-intensive degree program designed to prepare graduates for research-oriented careers in higher education, governmental agencies, nonprofit organizations and private-sector businesses. 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
- tourism development and management

The theoretical and methodological approaches embedded in this program serve to integrate scholarship in these areas, in order to gain a more meaningful understanding of and impact on community life and dynamics. The program is transdisciplinary in nature. The core faculty engaged in this program is housed in the School of Community Resources and Development at the Downtown Phoenix campus. 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.

Up to 30 hours from a previously awarded master's degree can count toward the doctoral requirements.

All students are advised initially by the doctoral program director as a cohort. Students are required to take 24 credit hours of core course work, 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 at least 12 credit hours of elective course work, 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 course work 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 submit an online graduate application. Applications are reviewed by the admission committee and recommendations for admission are then made by the graduate program director to the dean for the Division of Graduate Education. Minimum Division of Graduate Education requirements must be met. Additionally, each applicant must provide:

- a current and professional resume
- a statement of academic and professional goals in sufficient detail to indicate compatibility with the educational objectives and capabilities of the doctoral program
- GRE test scores
- Test of English as a Foreign Language (TOEFL) scores*
- three letters of recommendation**

*International applicants are also required to submit Test of English as a Foreign Language (TOEFL) scores and a financial guarantee statement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

**The letters may be a mix of academic and professional references, but each must address the applicant's capacity to successfully complete the doctoral program.

Please see the program website for application deadlines and admission terms.

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 course work at the master's degree level, appropriate classes are suggested.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://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)

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development (nonprofits and NGOs concentration) is offered by the School of Community Resources and Development at ASU's Downtown Phoenix campus. This master's degree program is research-oriented. It is designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses 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.

Degree Requirements: 30 credit hours and a thesis, or 36 credit hours including the required capstone course (CRD 580).

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 professional option. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The professional 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.

Program Requirements: Thesis Option

The thesis option consists of a minimum of 30 credit hours, including six credit hours of thesis, which 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.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 599 Thesis (6)
NLM 510 Foundations of Nonprofit Management (3)
NLM 562 Social Entrepreneurship (3)
advanced inquiry (3)
electives (3)

Program Requirements: Professional Option

The professional option consists of 36 credit hours, including six credit hours of practicum. A signed affiliation agreement is required to be on file with the graduate coordinator before registration. The purpose of the 300 hour practicum is to provide graduate students with in-depth, agency-based professional experiences. The student committee consists of two school faculty members and one community or agency professional. At the end of the practicum, the student is required to submit a written description and analysis of the project and to present the results to the committee.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Recreation and Tourism Service Management (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 580 Practicum (6)
NLM 510 Foundations of Nonprofit Management (3)
NLM 562 Social Entrepreneurship (3)
electives (9)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Nonprofit Leadership and Management, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students applying to the master's degree program must have achieved a GPA of 3.00 (on a 4.00 scale) or the equivalent in the last two years of work leading to the bachelor's degree.

Please see the program website for application deadlines. Applicants should submit the following items:

- an online graduate admission application
- all undergraduate transcripts
- application fee
- statement of professional and academic goals
- GRE scores
- three letters of recommendation
- current resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 course work in addition to the master's degree requirements. Deficiency course work may be taken in conjunction with master's degree-level classes.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://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)

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development (parks and recreation management concentration) is offered by the School of Community Resources and Development at ASU's Downtown Phoenix campus. This master's degree program is research-oriented. It is designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses 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.

Degree Requirements: 30 credit hours and a thesis, or 36 credit hours including the required capstone course (CRD 580).

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 professional option. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The professional 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.

Program Requirements: Thesis Option

The thesis option consists of a minimum of 30 credit hours, including six credit hours of thesis, which 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.

CRD 500 Research Methods (3)

CRD 502 Statistical and Data Analysis (3)

CRD 552 Critical Issues in Recreation and Tourism (3)

CRD 555 Theoretical Perspectives in Community Development (3)

CRD 569 Advanced Tourism Studies (3)
CRD 599 Thesis (6)
TDM 570 Sustainable Tourism (3)
advanced inquiry (3)
electives (3)

Program Requirements: Professional Option

The professional option consists of 36 credit hours, including six credit hours of capstone course CRD 580 Practicum. A signed affiliation agreement is required to be on file with the graduate coordinator before registration. The purpose of the 300-hour practicum is to provide graduate students with in-depth, agency-based professional experiences. The student committee consists of two school faculty members and one community or agency professional. At the end of the practicum, the student is required to submit a written description and analysis of the project and to present the results to the committee.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Recreation and Tourism Service Management (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 569 Advanced Tourism Studies (3)
CRD 580 Practicum (6)
TDM 570 Sustainable Tourism (3)
electives (9)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Parks and Recreation Management, BS
- Parks and Recreation Management (Therapeutic Recreation), BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students applying to the master's degree program must have achieved a GPA of 3.00 (on a 4.00 scale) or the equivalent in the last two years of work leading to the bachelor's degree.

Please see the program website for application deadlines. Applicants should submit the following items:

- an online graduate admission application
- all undergraduate transcripts
- application fee
- statement of professional and academic goals
- GRE scores
- three letters of recommendation
- current resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 course work in addition to the master's degree requirements. Deficiency course work may be taken in conjunction with master's degree-level classes.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Online Degree Search Title: Community Resources and Development (Sustainable Communities)

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development (sustainable communities concentration) is offered by the School of Community Resources and Development at ASU's Downtown Phoenix campus. This master's degree program is research-oriented. It is designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses 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.

Degree Requirements: 30 credit hours and a thesis, or 36 credit hours including the required capstone course (CRD 580).

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 professional option. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The professional 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.

Program Requirements: Thesis Option

The thesis option consists of a minimum of 30 credit hours, including six credit hours of thesis, which must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 599 Thesis (6)
CRD 610 Sustainable Communities (3)
electives (3)
advanced inquiry (3)

Select one:

NLM 562 Social Entrepreneurship (3)
NLM 572 Community and Social Innovations (3)

Program Requirements: Professional Option

The professional option consists of 36 credit hours, including six credit hours of capstone course CRD 580 Practicum. A signed affiliation agreement is required to be on file with the graduate coordinator before registration. The purpose of the 300 hour practicum is to provide graduate students with in-depth, agency-based professional experiences. The student committee consists of two school faculty members and one community or agency professional. At the end of the practicum, the student is required to submit a written description and analysis of the project and to present the results to the committee.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Recreation and Tourism Service Management (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 610 Sustainable Communities (3)
electives (9)

select one:

NLM 562 Social Entrepreneurship (3)
NLM 572 Community and Social Innovations (3)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Parks and Recreation Management, BS
- Parks and Recreation Management (Therapeutic Recreation), BS
- Tourism Development and Management, 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students applying to the master's degree program must have achieved a GPA of 3.00 (scale is 4.00 = "A") or the equivalent in the last two years of work leading to the bachelor's degree.

Please see the program website for application deadlines. Applicants should submit the following items to Graduate Admission Services:

- an online graduate admission application
- all undergraduate transcripts
- application fee
- statement of professional and academic goals
- GRE scores
- three letters of recommendation
- current resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless current residency) must provide proof of English proficiency.

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 course work in addition to the master's degree requirements. Deficiency course work may be taken in conjunction with master's degree classes.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://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)

Campus: Downtown Phoenix

Program Description:

The MS in community resources and development (tourism concentration) is offered by the School of Community Resources and Development at ASU's Downtown Phoenix campus. This master's degree program is research-oriented. It is designed to prepare graduates for careers in governmental agencies, nonprofit organizations and private-sector businesses 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.

Degree Requirements: 30 credit hours and a thesis, or 36 credit hours including the required capstone course (CRD 580).

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 professional option. The thesis option is a research-oriented program and is recommended for students planning to continue graduate studies beyond the master's degree. The professional 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.

Program Requirements: Thesis Option

The thesis option consists of a minimum of 30 credit hours, including six credit hours of thesis, which must be defended in an oral examination before a supervisory committee of at least three faculty members, one of whom resides in another department.

- CRD 500 Research Methods (3)
- CRD 502 Statistical and Data Analysis (3)
- CRD 552 Critical Issues in Recreation and Tourism (3)
- CRD 555 Theoretical Perspectives in Community Development (3)
- CRD 569 Advanced Tourism Studies (3)
- CRD 599 Thesis (6)

TDM 570 Sustainable Tourism (3)
advanced inquiry (3)
electives (3)

Program Requirements: Professional Option

The professional option consists of 36 credit hours, including six credit hours of capstone course CRD 580 Practicum. A signed affiliation agreement is required to be on file with the graduate coordinator before registration. The purpose of the 300 hour practicum is to provide graduate students with in-depth, agency-based professional experiences. The student committee consists of two school faculty members and one community or agency professional. At the end of the practicum, the student is required to submit a written description and analysis of the project and to present the results to the committee.

CRD 500 Research Methods (3)
CRD 502 Statistical and Data Analysis (3)
CRD 530 Recreation and Tourism Service Management (3)
CRD 552 Critical Issues in Recreation and Tourism (3)
CRD 555 Theoretical Perspectives in Community Development (3)
CRD 569 Advanced Tourism Studies (3)
CRD 580 Practicum (6)
TDM 570 Sustainable Tourism (3)
electives (9)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Tourism Development and Management, 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students applying to the master's degree program must have achieved a GPA of 3.00 (on a 4.00 scale) or the equivalent in the last two years of work leading to the bachelor's degree.

Please see the program website for application deadlines. Applicants should submit the following items to the Graduate Admission Services:

- an online graduate admission application
- all undergraduate transcripts
- application fee
- statement of professional and academic goals
- GRE scores
- three letters of recommendation
- current resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 course work in addition to the master's degree requirements. Deficiency course work may be taken in conjunction with master's degree classes.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Corrections Management (Certificate), Certificate (PPCMGGRCT)

Online Degree Search Title: Corrections Management (Grad Certificate)

Campus: Online

Program Description:

The graduate certificate program in corrections management provides course work in criminal justice organizations, corrections and community supervision, institutional management and in cross-disciplines such as public administration. The certificate is designed to give students a solid foundational understanding of correctional administration, leadership and policy analysis.

Degree Requirements: 15 credit hours.

Required Courses: 12 credit hours

CRJ 514 Seminar in Corrections (3)
CRJ 516 Seminar in Criminal Justice Organization and Management (3)
CRJ 528 Prison and Jail Administration OR
CRJ 529 Community Corrections (3)
PAF 520 Public Management (3)

Electives: 3 credit hours

CRJ 515 Seminar on Women and Crime (3)
CRJ 517 Seminar on Juvenile Delinquency and Justice (3)
CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)
CRJ 519 Seminar on Victimization (3)
CRJ 520 Seminar on Violent Crime (3)
CRJ 521 Seminar on Nature of Crime (3)
CRJ 522 Seminar on Gangs and Crime (3)
CRJ 524 Seminar on Punishment and Society (3)
CRJ 525 Seminar on Life Course Criminology (3)
CRJ 598 ST: Crime Mapping (3)
CRJ 598 ST: Criminal Justice Ethics (3)
CRJ 598 ST: Death Penalty (3)
CRJ 598 ST: Ecology of Crime (3)
CRJ 598 ST: Forensics (3)
CRJ 598 ST: Politics of Criminal Justice Policymaking (3)
CRJ 598 ST: Sex Offenders and Sex Crimes (3)

Culminating Experience: None Required.

Admission Requirements:

Please see the program website for application deadlines and admission terms. Potential applicants must meet all the Division of Graduate Education admission requirements and submit all materials online through the graduate admission application.

Degree: Applicants who hold a bachelor's degree from a regionally accredited institution are eligible to apply to the program. 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 will be considered. Although most students would most likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school will accept applicants with undergraduate degrees from all educational backgrounds.

GPA: Regular admission may be granted to applicants who have achieved a GPA of 3.00 or better (on a 4.00 scale) in the last two years of course work leading to a bachelor's degree.

For nondegree-seeking students (those not admitted to a graduate degree program at ASU): Applicants will be required to submit:

- an official ASU graduate online application
- official transcripts of undergraduate and graduate (if applicable) course work
- a written statement of career and educational goals

For graduate degree-seeking students (those admitted to a graduate program at ASU): Applicants will be required to submit:

- an official ASU graduate online application
- a written statement of career and educational goals

Required Admission Examinations: None required.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-corrections-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice

<http://ccj.asu.edu>

UCENT 600

gradscj@asu.edu

602-496-2356

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 course work in criminology and the operation of the criminal justice system, and training in research methods and statistics. The degree program also provides students with advanced training in program planning and management, policy analysis and program evaluation.

Degree Requirements: 33 credit hours including the required capstone course (CRJ 505).

The program includes 12 credit hours of required core courses, 18 credit hours of electives and a three credit hour capstone project. Students can develop specializations in areas such as policing, corrections and management by combining required and elective course work.

Core Courses:

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)

Students select a minimum of 18 hours of 500 level elective course work:

CRJ 512 Seminar on Policing (3)

CRJ 513 Seminar on Courts and Sentencing (3)

CRJ 514 Seminar in Corrections (3)

CRJ 515 Seminar on Women and Crime (3)

CRJ 516 Seminar in Criminal Justice Organization and Management (3)

CRJ 517 Seminar on Juvenile Delinquency and Juvenile Justice (3)

CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)

CRJ 519 Seminar on Victimization (3)

CRJ 520 Seminar on Violent Crime and Criminal Behavior (3)

CRJ 521 Seminar on the Nature of Crime (3)

CRJ 522 Seminar on Gangs and Crime (3)

CRJ 524 Seminar on Punishment and Society (3)

CRJ 525 Seminar on Life-Course Criminology (3)

CRJ 584 Internship (3)

CRJ 598 Special Topics on Crime and Criminal Justice (3)

Capstone Course:

Accelerated Degrees:

This degree is also offered as an accelerated degree with Criminal Justice and Criminology, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students must submit an online graduate admission application, an official transcript from every university or institution attended and the application fee.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Please see the graduate admission website for specific application deadlines.

In addition to the application material required by the Division of Graduate Education, applicants must submit:

- two letters of recommendation
- a personal statement that addresses the applicant's prior education and professional experience, discusses the applicant's career goals and explains how the degree will help the applicant achieve those goals
- a resume

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-arts-criminal-justice?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice

<https://ccj.asu.edu/degree-programs>

UCENT 600

gradscj@asu.edu

602-496-2356

Criminal Sentencing and Sentencing Advocacy (Certificate), Certificate (PPCSAGRCT)

Online Degree Search Title: Criminal Sentencing and Sentencing Advocacy (Graduate Certificate)

Campus: Online

Program Description:

Social workers and other criminal justice professionals perform a number of roles in the disposition and sentencing of various offenders and in the provision of services to victims. The certificate program provides social workers with the kinds of knowledge and skills required to practice as mitigation specialists. This is a burgeoning area of practice in the field of social work. It also provides criminal justice majors with exposure to classes on topics dealing with treatment alternatives and mental health concerns that are not currently available to students in many traditional criminal justice programs.

Degree Requirements: 15 credit hours.

Required Courses: (9 credit hours)

CRJ 513 Seminar in courts and sentencing (3)

SWG 528 Presentence Investigations (3)

SWG 529 Alternatives to Penal Sanctions (3)

Electives: (6 credit hours; choose two)

CRJ 518 Seminar on Race/Ethnicity and Crime Issues (3)

CRJ 519 Seminar on Victimization (3)

CRJ 524 Seminar on Punishment and Society (3)

CRJ 598 Seminar in Death Penalty (3)

SWG 526 Seminar on Mental Health for Sentencing Professionals (3)
SWG 527 Seminar on Mitigation in Death and Life Cases (3)

Admission Requirements:

Applicants must complete the online graduate admission application.

Degree: bachelor's degree in social work, criminal justice or related field; or individuals who are currently in the master of criminal justice program; or individuals who have an advanced degree in social work, criminology or criminal justice

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree program

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None required

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-criminal-sentencing-and-sentencing-advocacy?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social_work@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 also is designed to provide students with the advanced research skills needed for careers as criminal justice researchers and continued study in doctoral programs in criminology or criminal justice.

Degree Requirements: 30 credit hours and a thesis, or 30 credit hours including the required capstone course (CRJ 505).

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.

Core: (12 credit hours)

CRJ 501 Seminar in Criminal Justice (3)
CRJ 502 Seminar in Criminology (3)
CRJ 503 Research Methods for Criminal Justice (3)
CRJ 504 Statistical Tools for Criminal Justice (3)

Other Requirement: (3 credit hours)

CRJ 604 Advanced Statistical Analysis (3)

Electives (9 credit hours)

Culminating Experience: (6 credit hours)

CRJ 599 Thesis (6)

Non Thesis Option:

Core: (12 credit hours)

CRJ 501 Seminar in Criminal Justice (3)

CRJ 502 Seminar in Criminology (3)

CRJ 503 Research Methods for Criminal Justice (3)

CRJ 504 Statistical Tools for Criminal Justice (3)

Electives (15 credit hours)

Culminating Experience: (3 credit hours)

Capstone Course: CRJ 505 Theory and Practice in Criminal Justice (3)

Each student's program is designed in consultation with the faculty advisor.

A maximum of three hours of CRJ 590 may be included on the plan of study.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

Public Administration (MPA) - Downtown Phoenix

Public Policy (MPP)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Criminal Justice and Criminology, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Students must submit an online graduate application for admission, an official transcript from every university or institution attended, GRE scores and the application fee to Graduate Admission Services.

Please see the program website for application deadlines.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

In addition to the application material required by Graduate Admission Services, applicants must submit two letters of recommendation and a personal statement that addresses the applicant's prior education and professional experience, discusses the applicant's career goals and explains how the degree will help the applicant achieve these goals.

Personal statement and letters of recommendation should be submitted online.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of

School of Criminology and Criminal Justice

<https://ccj.asu.edu/>

UCENT 600

gradscj@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 a program of course work and research leading to the PhD in

criminology and criminal justice. This program emphasizes criminal justice theory, research and policy. The program 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 theory and research on crime and the criminal justice system
- a core of required courses on research methods and analytical techniques
- a dissertation
- elective courses in criminology, criminal justice and related fields

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program in criminology and criminal justice includes a minimum of 72 credit hours of course work and 12 credit hours (and only 12) of dissertation. A maximum of 30 credit hours of course work from a previously awarded master's degree or JD may, with the approval of the supervisory committee, be applied toward the doctoral plan of study.

Each student is required to complete course work in two core areas. This includes six credit hours of course work in theory and research on crime and the criminal justice system and nine credit hours of course work on research methods and analytical techniques. Elective courses comprise the remainder of the course work required for the doctorate. All students must demonstrate proficiency in research design and quantitative and qualitative methods.

Credit hours for course work from master's degree or JD (30)

Core courses:

- CRJ 601 Seminar on Criminological Theory (3)
- CRJ 602 Seminar on Criminal Justice Policies and Practices (3)
- CRJ 603 Advanced Research Design (3)
- CRJ 604 Advanced Statistical Analysis (3)
- CRJ 605 Special Problems in Quantitative Methods (3)

Electives: Choose a minimum of nine courses in consultation with the supervisory committee (27)

Dissertation (12)

Admission Requirements:

Students must submit an online graduate admission application, an official transcript from every university or institution from which a degree was awarded, GRE scores, and the application fee to Graduate Admission Services.

Please see the program website for application deadlines and admission terms.

In addition to these basic requirements established by the Division of Graduate Education, the School of Criminology and Criminal Justice requires the following:

- An applicant must 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).
- An applicant must submit two letters of reference from faculty members or others qualified to evaluate the applicant's academic potential for doctoral study.
- An applicant must submit their resume.
- An applicant must submit a personal statement, not exceeding five pages, that describes 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.
- International students seeking admission to the program must meet ASU graduate faculty requirements governing the admission of international students, which can be found at <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).
- A sample of the applicant's 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.

Personal statement and letters of recommendation should be submitted online.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
gradscj@asu.edu
602-496-2356

Emergency Management (Certificate), Certificate (PPEMEGRCT)

Online Degree Search Title: Emergency Management (Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in emergency management provides motivated students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management. More specifically, an all hazards and all threats orientation provides students with a generalist perspective which is critically important for today and tomorrow's disaster managers. 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 Courses: (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)

PAF 525 Public Entrepreneurship (3)
PAF 531 Community Conflict Resolution (3)
PAF 534 Urban Infrastructure (3)
PAF 541 Program Evaluation (3)
PAF 562 Intergovernmental Relations (3)
PAF 571 Geographic Information Systems (GIS) and Analysis (3)
PAF 584 Internship (3)
PAF 591 Topic: Introduction to Policy Informatics (3)
PAF 591 Topic: E-Public Administration (3)

Other electives may be substituted with approval by the School of Public Affairs

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Admission Requirements:

Please see the program website for application deadlines.

Applicants who hold a bachelor's degree from a regionally accredited institution are eligible to apply to the program. Students will most likely come from related fields including political science, planning, urban and metropolitan studies, sociology, as well as other social science degrees; however, the school may accept applicants from all educational backgrounds 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 proposed emergency management concentration would not be eligible for admission. Admission may be granted to applicants who have achieved a GPA of 3.00 or better (on a 4.00 scale) in the last two years of work leading to a bachelor's degree.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

For nondegree-seeking students (those not admitted to a graduate degree at ASU):

Applicants will be required to submit an online graduate admission application, official transcripts of undergraduate and graduate (if applicable) course work, and a statement of career and educational goals.

For graduate degree-seeking students (those admitted to a graduate program at ASU):

Applicants will be required to submit an online graduate admission application and a statement of career and educational goals.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, 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: Online

Program Description:

This degree program provides students with the skills and knowledge to manage and assume positions of leadership within the fields of emergency management and homeland security. Concepts of public policy and management, science, technology and criminal justice are blended together to enhance and foster critical thinking within the general field of study. Based upon integrative science, this degree transcends the confining boundaries of traditional programs and emphasizes the systems approach. More specifically, an all-hazards and all-threats orientation provides the student with a generalist perspective which is critically important for the disaster managers of today and tomorrow.

Degree Requirements: 33 credit hours including an applied project course (CRJ 593 or PAF 593).

Required Core Courses: (18 credit hours)

CPP 510 Hazards Governance (3)
CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)
CRJ 511 Applied Data Analysis in Criminal Justice (3)
CRJ 554 Homeland Security (3)
PAF 552 Integrated Emergency Management (3)
PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Electives : (12 credit hours)

CRJ 521 Seminar on the Nature of Crime (3)
CRJ 553 Terrorism and Weapons of Mass Destruction (3)
CRJ 554 Homeland Security (3)
NLM 545 Volunteer Resource Management (3)
PAF 506 Public Budgeting and Finance (3)
PAF 507 Public Human Resource Management (3)
PAF 508 Organization Behavior (3)
PAF 520 Public Management (3)
PAF 531 Community Conflict Resolution (3)
PAF 545 Organizations, Sustainability and Public Policy (3)
PAF 555 Information Technology in Emergency Management (3)
PAF 560 Community Resilience (3)
PAF 561 Interoperability for Emergency Managers (3)
PAF 591 Urban Design for Safe and Healthy Cities (3)
SOS 514 Human Dimensions of Sustainability (3)

Culminating Experience: (3 credit hours)

CRJ 593 Applied Project (3) or PAF 593 Applied Project (3)

Admission Requirements:

Degree: minimum of a bachelor's degree 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 college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Exam: Not required

Required Admission Examinations: None

Letters of Recommendation: Two required

A written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy.

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 is required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-arts-emergency-management-and-homeland-security?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of

College of Public Service and Community Solutions

<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>

UCENT 780

publicservice.recruitment@asu.edu

602-496-0600

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: Online

Program Description:

An all hazards/all-threats orientation systems approach provides a generalist perspective which is critically important for today's and tomorrow's disaster managers. Students will understand the dominant theories and practices in the general area of emergency management and homeland security. Graduates will use current regulations, laws and best applicable practices within the field to develop protection, mitigation and preparedness measures to prevent or minimize societal impacts of natural and man-made disasters and employ necessary management and leadership skills to respond to and recover from these disasters. Biosecurity and threat management is an important and emerging area related to the intersection of homeland security, public health and risk management addressing a unique set of hazard and threat management issues related to bioterrorism, agroterrorism and communicable disease threats associated with disaster incidents. The biosecurity and threat management concentration is designed to specifically develop professionals to meet a set of emerging and challenging needs. Some of the coursework in this program is offered through the University of New South Wales as part of the PLoS alliance program.

Degree Requirements:

Core (18)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration (3)

PHCM 9789 Bioterrorism and Health Intelligence (3)*

Concentration Elective (3)**

PHCM 9662 Health Aspects of Crises, Emergencies, Disasters (3)* or

PHCM 9783 Communicable Disease Control in Humanitarian Emergencies and Disasters (3)*

Elective or Research (6)***

Culminating Experience (3)****

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

*Course offered through the University of New South Wales as part of the PLuS Alliance. Students will take up to three courses through the University of New South Wales and will request to transfer the course work to ASU as part of the degree program.

** students choose one course from the concentration elective list.

***students choose two courses from a restricted list.

****students choose one of the applied project courses listed.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- Minimum of 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.
- Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one-page in length, which describes the applicant's educational and career goals and long-term professional development strategy
- 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

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>
UCENT 780
publicservice.recruitment@asu.edu
602-496-0600

Emergency Management and Homeland Security (Community Resilience), MA (PPEMHSCRMA)

Online Degree Search Title: Emergency Management and Homeland Security (Community Resilience) (MA)

Campus: Online

Program Description:

An all hazards/all-threats orientation systems approach provides the student with a generalist perspective which is critically important for today's and tomorrow's disaster managers. Students will understand the dominant theories and practices in the general area of emergency management and homeland security. Graduates will use current regulations, laws and best applicable practices within the field to develop protection, mitigation and preparedness measures to prevent and minimize societal impacts of natural and man-made disasters and employ necessary management and leadership skills to respond to, and recover from, these disasters. The community resilience concentration provides the skills, knowledge and understanding required to tackle current and future challenges faced by cities globally, including increasing the resilience of our urban systems, the infrastructure that supports them and the shocks arising from natural, economic and technological disasters.

Degree Requirements: 33 credit hours including the required applied project course (CPP 593 or PAF 593).

Core (18)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration (3)

PAF 560 Community Resilience (3)

Concentration Elective (3)*

PAF 531 Community Conflict Resolution (3) or

PAF 591 Urban Design for Safe and Healthy Cities (3)

Elective or Research (6)**

Culminating Experience (3)***

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

*students choose one course from the concentration elective list

**students choose two courses from a restricted list

***students choose one of the applied project courses listed

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree 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
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy
- 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

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>
UCENT 780
publicservice.recitment@asu.edu
602-496-0600

Emergency Management and Homeland Security (Emergency Management), MA (PPEMHSEMMA)

Online Degree Search Title: Emergency Management and Homeland Security (Emergency Management) (MA)

Campus: Online

Program Description:

An all hazards/all-threats orientation systems approach provides the student with a generalist perspective which is critically important for today's and tomorrow's disaster managers. Students will understand the dominant theories and practices in the general area of emergency management and homeland security. Graduates will use current regulations, laws and best applicable practices within the field to develop protection, mitigation and preparedness measures to prevent and minimize societal impacts of natural and man-made disasters and employ necessary management and leadership skills to respond to, and recover from, these disasters. The emergency management concentration 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 leadership, management, use of technology and cross-agency collaboration.

Degree Requirements: 33 credit hours including the required applied project course (CPP 593 or PAF 593).

Core (18)

CPP 510 Hazards Governance (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration (3)

PAF 555 Information Technology in Emergency Management (3)

Concentration Elective (3)*

PAF 561 Interoperability for Emergency Managers (3) or

SWG 579 Critical Incident Stress Management (3)

Elective or Research (6)**

Culminating Experience (3)***

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

*students choose one course from the concentration elective list

**students choose two courses from a restricted list

***students choose one of the applied project courses listed

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree 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
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional

development strategy

- 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

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of

College of Public Service and Community Solutions

<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>

UCENT 780

publicservice.recruitment@asu.com

602-496-0600

Emergency Management and Homeland Security (Homeland Security), MA (PPEMHSMA)

Online Degree Search Title: Emergency Management and Homeland Security (Homeland Security) (MA)

Campus: Online

Program Description:

An all hazards/all-threats orientation systems approach provides the student with a generalist perspective which is critically important for today's and tomorrow's disaster managers. Students will understand the dominant theories and practices in the general area of emergency management and homeland security. Graduates will use current regulations, laws and best applicable practices within the field to develop protection, mitigation and preparedness measures to prevent and minimize societal impacts of natural and man-made disasters and employ necessary management and leadership skills to respond to and recover from these disasters. The homeland security concentration is designed for individuals interested in management positions in various government agencies, including emergency and crisis management, business, intelligence analysis, law enforcement and security. Students gain an essential understanding of the entire vision, mission and principles of homeland security with an emphasis on leadership, management, use of technology and cross-agency collaboration.

Degree Requirements:

Core (18 credit hours)

CPP 510 Hazards Governance (3)

CRJ 511 Applied Data Analysis in Criminal Justice (3)

CPP 520 Program Evaluation for Emergency Management and Homeland Security (3)

CRJ 554 Homeland Security (3)

PAF 552 Integrated Emergency Management (3)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration (3 credit hours)

CRJ 553 Terrorism and Weapons of Mass Destruction (3)

Concentration Elective (3 credit hours)*

CRJ 521 Seminar on the Nature of Crime (3)

PAF 561 Interoperability for Emergency Managers (3)

Elective or Research (6 credit hours)**

Culminating Experience (3 credit hours)***

CPP 593 Applied Project (3) or

*Students choose one course from the concentration elective list.

**Students choose two courses from a restricted list.

***Students choose one of the applied project courses listed.

Admission Requirements:

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Applicants who meet the following requirements are eligible to apply:

- Minimum of a bachelor's degree 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.
- Minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy
- evidence of current employment in an organization in this field or at least two years prior professional experience in this or a related field AND/OR a bachelor's degree in a related area

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/emergency-management-and-homeland-security-ma>
UCENT 780
publicservice.recruitment@asu.edu
602-496-0600

Latino Cultural Competency in Social Work (certificate), Certificate (PPSWGGRCL)

Online Degree Search Title: Latino Cultural Competency in Social Work (Grad Certificate)

Campus: Downtown Phoenix

Program Description:

In response to the need, ASU offers a graduate certificate in Latino cultural competency through the College of Public Service and Community Solutions' School of Social Work. The School of Social Work offers Latino-oriented courses with an emphasis on Spanish language development for professional social workers.

The goal of the program is to enhance a social work professional's capacity for engaging in culturally grounded practice with Latino clients and their

families.

The program is intended for professionals who want to:

- expand their employment potential by adding an expertise in professional services with Latinos
- learn the critical, cross-cultural factors that influence a worker's competency in forming professional helping relationships with Latinos
- learn the social and cultural context and theoretical principles of social work practice with Latinos
- learn the social service delivery issues involved in providing services for bilingual and limited- or non-English-speaking Latino populations

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 percent of case load to be Spanish-speaking)
- field practice consisting of six credit hours of field practicum
- six credit hours of Latino-oriented course work*
- SWG 533 Diversity and Oppression in a Social Work Context (3)

*At least three 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:

- six credit hours of independent study field practice consisting of the completion of 480 hours with Latino clients and communities (60 percent of client caseload to be Spanish-speaking)*
- six credit hours of Latino-oriented course work**
- SWG 533 Diversity and Oppression in a Social Work Context (3)***

*Students may petition to use their place of employment.

**At least three hours are required to be taken from within the School of Social Work.

***Students with an MSW or BSW who have completed this course in the past five years may substitute another Latino-oriented course.

Admission Requirements:

All students interested in applying to this program must submit:

- the online graduate admission application and fee
- transcripts (if not on file with ASU)
- proof of English proficiency*
- the School of Social Work Latino cultural competency application form and the required \$50 application fee

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

No more than two certificate courses may be completed before applying for admission to the certificate program.

Social Work graduate student admission requirements:

- graduate status in the College of Public Service and Community Solutions' School of Social Work
- demonstrated proficiency in the Spanish language

Community professional social worker admission requirements:

- possess an MSW, BSW or related master's degree
- demonstrate proficiency in Spanish language

Community worker admission requirements:

- the equivalency of a two year work experience in the social service field
- an undergraduate degree
- demonstrated proficiency in Spanish language

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work
<https://socialwork.asu.edu/>

UCENT 800
social.work@asu.edu
602-496-0800

Law Enforcement Administration (Certificate), Certificate (PPLEAGRCT)

Online Degree Search Title: Law Enforcement Administration (Grad Certificate)

Campus: Online

Program Description:

The graduate certificate program in law enforcement administration will prepare and enhance the work of law enforcement professionals by providing course work in criminal justice organizations, policing and program analysis and in cross-disciplines 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: (12 credit hours)

CRJ 512 Seminar in Policing (3)
CRJ 516 Seminar in Criminal Justice Organization and Management (3)
CRJ 527 Police Accountability (3)
PAF 520 Public Management (3)

Electives: (3 credit hours)

CRJ 515 Seminar on Women and Crime (3)
CRJ 517 Seminar on Juvenile Delinquency and Justice (3)
CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)
CRJ 519 Seminar on Victimization (3)
CRJ 520 Seminar on Violent Crime (3)
CRJ 521 Seminar on Nature of Crime (3)
CRJ 522 Seminar on Gangs and Crime (3)
CRJ 524 Seminar on Punishment and Society (3)
CRJ 525 Seminar on Life Course Criminology (3)
CRJ 598 ST: Crime Mapping (3)
CRJ 598 ST: Criminal Justice Ethics (3)
CRJ 598 ST: Death Penalty (3)
CRJ 598 ST: Ecology of Crime (3)
CRJ 598 ST: Forensics (3)
CRJ 598 ST: Politics of Criminal Justice Policymaking (3)
CRJ 598 ST: Sex Offenders and Sex Crimes (3)

Culminating Experience: None Required.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Admission Requirements:

Applicants to the certificate program will be accepted year-round. Students may be granted admission for fall, spring and summer semesters. Applicants must meet all Division of Graduate Education admission requirements and submit all materials online through the graduate admission application.

Degree: Applicants who hold a bachelor's degree from a regionally accredited institution are eligible to apply to the program. 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 in particular; however, all eligible students will be considered. Although most students would likely come from the aforementioned degree fields, there is no specific undergraduate degree major required for admission; the school will accept applicants with undergraduate degrees from all educational backgrounds.

GPA: Regular admission may be granted to applicants who have achieved a GPA of 3.00 or better (on a 4.00 scale) in the last two years of course work leading to a bachelor's degree.

Admission requirements:

For nondegree-seeking students (those not admitted to a graduate degree program at ASU): Applicants will be required to submit:

- an official ASU graduate online application
- official transcripts of undergraduate and graduate (if applicable) course work
- a written statement of career and educational goals

For graduate degree-seeking students (those admitted to a graduate program at ASU): Applicants will be required to submit:

- an official ASU graduate online application
- a written statement of career and educational goals

Required Admission Examinations: None required

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-law-enforcement-administration?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice
<http://ccj.asu.edu>
UCENT 600
gradscj@asu.edu
602-496-2356

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 degree program is intended for professionals who work in 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 challenges and opportunities of nonprofit, nongovernmental organizations with attention on those who lead, manage and support nonprofits. Students explore research, theory and innovative nonprofit practice that advances individual and societal goals for social, cultural, environmental, educational and economic development. The program considers the nexus among nonprofit management, social enterprise and entrepreneurship, and philanthropy that are evinced through nonprofit organizational forms.

Degree Requirements: 33 credit hours including the required capstone course (NLM 620).

Students are required to take 18 credit hours of core course work, in which three 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 course work. Successful completion of this course is required in place of a thesis or applied project.

Students complete 15 credit hours of related elective course work. Courses are selected from two contributing disciplines (public affairs and social work) to foster the transdisciplinary nature of the degree. Students may include two three-credit hour courses not listed below as approved electives in their program of study as long as students can establish an intellectual and professional development objective that substantiates the course selection.

NLM 510 The Nonprofit Sector (3)

NLM 520 Financial Management in Nonprofit (3)

NLM 530 Program Evaluation and Information Management (3)

NLM 550 Philanthropy: Theory and Practice (3)

NLM 620 Capstone: Critical Issues in Nonprofit Management (3)

Choose one:

NLM 540 Strategic Human Resources Management (3)

NLM 545 Volunteer Resource Management (3)

Electives (15)

Admission Requirements:

Potential applicants who hold a bachelor's degree from a regionally accredited institution are eligible to apply. Please see the program website for application deadlines. Students must submit the following to apply for the Master's of Nonprofit Leadership and Management program:

- a completed online graduate admission application
- a curriculum vitae or resume
- statement of educational and career goals in sufficient detail to indicate compatibility with the educational objectives and capabilities of the school
- three reference letters with a combination of academic and professional references*
- proof of English language proficiency**

*References from friends and family members are not accepted.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants whose junior and senior GPA is 3.00 (on a 4.00 scale) or higher are eligible to apply for admission to the program. 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 must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<http://asuonline.asu.edu/online-degree-programs/graduate/masters-certification-master-nonprofit-leadership-and-management>)

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development

<https://lodestar.asu.edu/>

UCENT 500

nonprofit@asu.edu

602-496-0500

Nonprofit Leadership and Management (certificate), Certificate (PPNONPROCE)

Online Degree Search Title: Nonprofit Leadership and Management (Grad Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate in nonprofit leadership and management, offered through the College of Public Service and Community Solutions, is a program that 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 these organizations. The objective of this program is to provide students from diverse academic backgrounds with exposure to content needed by leaders in the nonprofit sector, including the 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 courses: (6)

NLM 510 The Nonprofit Sector (3)

NLM 520 Financial and Resource Management (3)

choose one:

NLM 540 Strategic Human Resources Management (3)

NLM 545 Volunteer Resource Management (3)

Elective courses (6)

Admission Requirements:

All applicants must submit the online graduate admission application. Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 to the nonprofit community.

For more information, see the College of Public Service and Community Solutions website.

Applicants must fulfill both the requirements of the Division of Graduation Education and those of the College of Public Service and Community Solutions.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/PPNONPROCE/Gedt.html> (<https://catalog.asu.edu/files/disclosures/PPNONPROCE/Gedt.html>).

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://lodestar.asu.edu/>
UCENT 500
nonprofit@asu.edu
602-496-0500

Participatory Governance (certificate), Certificate (PPPGOGRCT)

Online Degree Search Title: Participatory Governance (certificate)

Campus: Downtown Phoenix, Tempe

Program Description:

This certificate program provides students with the knowledge and skills to develop, implement and evaluate participatory governance programs and public engagement activities. This transdisciplinary 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. The certificate, administered by the School of Public Affairs, can be pursued as a specialization within an existing ASU graduate program or as a stand-alone, 15 credit hour program.

Degree Requirements: 15 credit hours.

Fifteen credit hours are required for the certificate: three required courses and two electives chosen from a list of preapproved courses. The electives taken toward the certificate will be selected with the faculty advisor. The faculty advisor will direct 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 at least a 3.00 GPA (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:

Please see the program website for application deadlines.

Applicants must meet all the Division of Graduate Education admission requirements. Regular admission may be granted to applicants who have achieved a GPA of 3.00 (on a 4.00 scale) or better in the last two years of work leading to a bachelor's degree.

Applicants will be required to submit all materials through the online graduate admission application; required materials will include:

- official transcripts of undergraduate and, if applicable, graduate course work
- a statement of career and educational goals
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>

UCENT 400
spa@asu.edu
602-496-0450

Policy Informatics (Certificate), Certificate (PPPOIGRCT)

Online Degree Search Title: Policy Informatics Certificate

Campus: Downtown Phoenix

Program Description:

The policy informatics certificate program provides knowledge and skills for students seeking careers that will 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.

Policy informatics helps us advance evidence-driven policy design, wherein scientific models and analyses drive decision-making for resolution of complex policy challenges, dilemmas and problems. This is both an emerging field of research and a community of practice focusing on advancing decision-making in the public sector through information-centric analysis of evidence that leverages computational and technological advances; and designing, managing and evaluating information systems and infrastructures for policy construction, analysis and implementation.

Policy informatics advances the transdisciplinary nature of the public administration discipline by infusing it with the advances of information technology, management of information systems, and computational and informational science perspectives.

Degree Requirements: 15 credit hours.

Fifteen credit hours are required for the certificate: four required courses and one elective chosen from a list of preapproved courses. The elective taken toward the certificate will be selected with the faculty advisor. The faculty advisor will direct the selection of the elective to ensure a 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 at least a 3.00 GPA (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:

Please see the program website for application deadlines.

Applicants must meet all Division of Graduate Education admission requirements. Regular admission may be granted to applicants who have achieved a GPA of 3.00 (on a 4.00 scale) or better in the last two years of work leading to a bachelor's degree.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants will be required to submit:

- an online graduate admission application
- official transcripts of undergraduate and, if applicable, graduate course work
- a statement of career and educational goals

All materials are submitted online through the graduate admission application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>
UCENT 400
spa@asu.edu
602-496-0450

Program Evaluation, MS (PPPGEMS)

Online Degree Search Title: Program Evaluation

Campus: Downtown Phoenix

Program Description:

The MS in program evaluation is a degree program that provides students with a solid grounding in the applied and conceptual tools of conducting program evaluations. It is designed to provide graduate-level instruction and experience in conducting evaluation research with training in a broad spectrum of evaluation research methods. Upon graduation, students will be specialists in this area of research, and their training will have broad applicability for public, nonprofit and private sector programs and policies.

Degree Requirements: 30 credit hours including the required applied project course (CRD 593 or CRJ 593 or PAF 593).

Required Core Courses (6 credit hours)

Electives (18 credit hours)

Culminating Experience: (6 credit hours)

CRD 593 or CRJ 593 or PAF 593 - Applied Project

Admission Requirements:

Degree: A minimum of a bachelor's degree 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 college or university is required.

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required. A minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Foreign Language Exam: None required

Required Admission Examinations: None required

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/program-evaluation-ms>
UCENT 780
publicservice.recruitment@asu.edu
602-496-0600

Program Evaluation (Certificate), Certificate (PPPGEVGRCT)

Online Degree Search Title: Program Evaluation (Graduate Certificate)

Campus: Downtown Phoenix

Program Description:

The graduate certificate in program evaluation will provide students with a solid grounding in the applied and conceptual tools of conducting evaluation research. Professionals in the government, nonprofit and private sectors are increasingly required to demonstrate effectiveness of programs and activities; this certificate program will provide them with the necessary skills to implement evaluations. The program will provide students with a basic grounding in the applied and conceptual tools of conducting program evaluations.

Degree Requirements: 18 credit hours including the required applied project course (CRD 593 or CRJ 593 or PAF 593).

Required Courses: 6 credit hours

Courses should be selected from the following lists:

Select one required course from:

CRJ 534 Program Evaluation in Criminal Justice (3)

NLM 530 Program Evaluation and Information Management (3)

PAF 541 Program Evaluation (3)

Select one required course from:

CRD 502 Statistics and Data Analysis (3)

CRD 504 Statistical Tools for Criminology and Criminal Justice (3)

PAF 502 Public Service Research II (3)

Electives: 9 credit hours

Culminating Experience: 3 credit hours

CRD 593 or CRJ 593 or PAF 593 Applied Project

Total required credit hours: 18

Admission Requirements:

Degree: The minimum of a bachelor's degree is required or a 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 college or university

GPA: A minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program is required; a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree is required.

English Proficiency Requirement: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: None required.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of

College of Public Service and Community Solutions

<https://publicservice.asu.edu/content/program-evaluation-graduate-certificate>

UCENT 780

publicservice.recruitment@asu.edu

602-496-0600

Public Administration, MPA (PPPADTMPA)

Online Degree Search Title: Public Administration (MPA) - Downtown Phoenix

Campus: Downtown Phoenix

Program Description:

The MPA is a transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government. The master's degree program in public administration is accredited by the National Association of Schools of Public Affairs and Administration.

Students may also elect to specialize in one of the three approved Master of Public Administration concentrations: urban management, nonprofit administration or emergency management.

The urban management concentration provides knowledge and skills for students seeking careers in local urban government management and enables students to develop the skills and techniques used by city and urban leaders and managers.

The concentration in nonprofit administration is intended for professionals who work in or desire to work in the nonprofit sector and who wish to explore research, theory and the practice of management and leadership in the nonprofit sector.

The concentration in emergency management prepares graduates for a challenging career as a professional emergency manager. This program allows students to focus on concerns related to emergency management within the larger field of public administration.

In addition, the school offers concurrent programs in planning, sustainability, criminology and criminal justice, and social work. For admission and program requirements, please see <https://spa.asu.edu/content/concurrent-degrees> (<https://spa.asu.edu/content/concurrent-degrees>).

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

The Master of Public Administration degree program consists of 42 hours of graduate credit. Students take 27 of these hours in nine core classes in the School of Public Affairs. Students take 15 additional hours of approved elective courses which may include courses offered by the school or other academic units in the university.

Concurrent Degrees:

This degree is also offered as concurrent degree 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 Degrees:

This degree is also offered as an accelerated degree with Public Service and Public Policy, BS

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

All applicants must submit the following materials. All materials should be submitted online through the Graduate Admission Services application.

- an official, online graduate admission application: <https://asu.edu/gradapp> (<https://asu.edu/gradapp>)
- application fee: \$70 domestic \$90 international (see <https://students.asu.edu/how-and-when-apply-graduate-admission> (<https://students.asu.edu/how-and-when-apply-graduate-admission>))*
- official transcripts of all undergraduate and graduate work
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT
- three letters of recommendation, at least two of which should be from faculty members or other academic staff who can evaluate applicant's academic performance
- a written statement, one- to two-pages in length, that describes the applicant's educational and career goals
- proof of English language proficiency**

*Note: Fees increase after deadline.

**An applicant whose native language is not English (regardless of current residency) must submit proof of English proficiency. See additional requirements for international students at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants may also submit a resume or other documents.

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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Certificate), Certificate (PPUAGRCT)

Online Degree Search Title: Public Administration Certificate

Campus: Downtown Phoenix

Program Description:

The graduate certificate program in public administration prepares students for work at all levels in governmental and nonprofit organizations. Through comprehensive coverage of topics in public administration, management and policy, students 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.

Fifteen credit hours are required for the certificate: two required courses and three electives chosen from a list of preapproved courses. The electives taken toward the certificate will be selected with the faculty advisor. The faculty advisor will direct 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 at least a 3.00 GPA (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:

Please see the program website for application deadlines and admission terms.

Regular admission may be granted to applicants who have achieved a GPA of 3.00 (on a 4.00 scale) or better in the last two years of work leading to a bachelor's degree.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants will be required to submit an online graduate admission application, official transcripts of undergraduate and (if applicable) graduate course work, and a statement of career and educational goals. All materials are submitted through the online application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, 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)

Campus: Downtown Phoenix

Program Description:

The graduate concentration in emergency management as part of the Master of Public Administration degree program provides motivated students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management. More specifically, an all-hazards and all-threats orientation provides the student with a generalist perspective which is critically important for disaster managers of today and tomorrow. In addition, this program examines community resilience from a systems perspective, embracing governments, private, nonprofit and civic roles. The program also provides an understanding of how community members respond to the need to prepare for, endure and recover from disasters and provides the ability to utilize multiple communication methods to help community members before, during and after these emergencies.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

Required Core Courses: (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 Courses: (9 credit hours)

PAF 520 Public Management (3)
PAF 552 Integrated Emergency Management (3)
PAF 555 Information Technology in Emergency Management (3)

Elective or Research Courses: (6 credit hours)*

PAF 525 Public Entrepreneurship (3)
PAF 531 Community Conflict Resolution (3)
PAF 534 Urban Services Infrastructure (3)
PAF 541 Program Evaluation (3)
PAF 560 Community Resilience (3)
PAF 562 Intergovernmental Relations (3)
PAF 571 Geographic Information Systems (GIS) and Analysis (3)
PAF 584 Internship (3)
PAF 591 Topic: E-Public Administration: Use of Information for PA Professionals (3)
PAF 591 Topic: Introduction to Policy Informatics (3)

*Other electives may be substituted with approval by the School of Public Affairs.

Culminating Experience: (3 credit hours)

PAF 509 Public Affairs Capstone (3) or PAF 579 Public Policy Capstone (3)

Total required credit hours: 42

Admission Requirements:

Please see the program website for application deadlines.

Potential applicants who hold a bachelor's degree from a regionally accredited institution in a related field are eligible to apply to the program. Related fields include political science, criminology, planning, business, urban and metropolitan studies, as well as other social science degrees. 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 they meet the minimum requirements for the degree program.

The following entry-level competencies are needed for admission the program:

- an undergraduate social statistics course such as PAF 301 Applied Statistics (3)
- undergraduate course work in American national government such as POS 310 American National Government (3)*

*Students may also satisfy the American national government competency by taking the College-Level Examination Program exam in American Government and receiving a passing score.

Regular admission may be granted to applicants who have achieved a GPA of 3.00 or higher (on a 4.00 scale) in the last two years of work leading to a bachelor's degree. GRE verbal, quantitative and analytical scores will be used as one of the indicators to see how competitive an applicant is within the applicant pool.

Applicants will be required to submit:

- an official ASU graduate admission application
- official GRE scores
- official transcripts of all undergraduate and graduate course work
- a statement of career and educational goals
- three letters of recommendation (two of which should be academic recommendations)

An applicant whose native language is not English (regardless of current residency) must submit proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, 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 transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government. The Master of Public Administration program is accredited by the National Association of Schools of Public Affairs and Administration.

The concentration in nonprofit administration is intended for professionals who work in or desire to work in the nonprofit sector and who wish to explore research, theory and the practice of management and leadership in the nonprofit sector.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

The Master of Public Administration concentration in nonprofit administration program consists of 42 hours of graduate credit. Students take 24 of these hours in eight core classes in the School of Public Affairs, 12 hours in four concentration classes and six hours in two approved elective courses. Approved elective hours may include courses offered by the school or other academic units in the university.

Admission Requirements:

All applicants must submit the following materials. All materials should be submitted online through the graduate admission application.

- an official, online graduate admission application, <https://asu.edu/gradapp> (<https://asu.edu/gradapp>)
- application fee: \$70 domestic \$90 international (see <https://students.asu.edu/how-and-when-apply-graduate-admission>) (<https://students.asu.edu/how-and-when-apply-graduate-admission>))*
- official transcripts of all undergraduate and graduate work
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT
- three letters of recommendation**
- a one- to two-page written statement of applicant's educational and career goals***

*Note: Fees increase after the deadline.

**At least two letters should be from faculty or other academic staff who can evaluate applicant's academic performance.

***This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

An applicant whose native language is not English (regardless of current residency) must also submit proof of English proficiency. See additional requirements for international students at <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (Public Finance), MPA (PPPAFMPA)

Online Degree Search Title: Public Administration (Public Finance) MPA

Campus: Downtown Phoenix

Program Description:

The MPA program in Public Administration with a concentration in Public Finance provides knowledge and skills for students seeking or advancing careers in areas in which financial management plays an integral role in governance. This concentration emphasizes theories and research concerning urban economics and public finance, managing money in the public sector, public budgeting, and finance and capital budgeting and financing.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509).

Breakdown of requirements:

core (24)

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 Organizational Behavior (3)

concentration coursework (9)

PAF 521 Managing Public Money (3)

PAF 522 Advanced Governmental Financial Management (3)

PAF 570 Microeconomics of Public Policy II (3)

elective or research courses (6)*

culminating experience: 3 credit hours of PAF 509 Public Affairs Capstone

* Students choose one course from NLM 520, PAF 590 and PAF 584 for 3 credit hours. Students also choose any PAF 500 level course for 3 credit hours.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Potential applicants who hold a bachelor's degree from a regionally accredited institution in a related field are eligible to apply to the program. Related fields include social science degrees, although the department may accept applicants with undergraduate degrees from all educational backgrounds provided they meet the minimum requirements for the degree program.

- Minimum of a 3.00 cumulative GPA (scale is 4.0 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in the applicable Master's degree.

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- three letters of recommendation**
- GRE scores
- a written statement of applicant's educational and career goals, 1-2 pages in length

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

**At least two should be from faculty or other academic staff who can evaluate the applicant's academic performance.

Students enrolling in MPA 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 MPA 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 CLEP Exam can also be used to demonstrate competency in American government.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/content/graduate-programs>
Downtown Phoenix
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 transdisciplinary, professional degree program designed to prepare students for public service, public management and policy analysis at the local, state and national levels of government. The Master of Public Administration program is accredited by the National Association of Schools of Public Affairs and Administration.

The urban management concentration provides knowledge and skills for students seeking careers in local urban government management and enables students to develop the skills and techniques used by city and urban leaders and managers.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

Master's degree students pursuing the urban management concentration take 27 hours in nine core classes in the School of Public Affairs, 12 hours in four concentration classes, and three hours in one approved elective course.

Admission Requirements:

All applicants must submit the following materials. All materials should be submitted online through the ASU Graduate Admission Services application.

- an online graduate admission application: <https://asu.edu/gradapp> (<https://asu.edu/gradapp>)
- application fee: \$70 domestic; \$90 international*
- official transcripts of all undergraduate and graduate work sent to Graduate Admission Services
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT
- three letters of recommendation**
- a written statement of applicant's educational and career goals, one- to two-pages in length***

*Note: Fees increase after deadline; see: <https://students.asu.edu/how-and-when-apply-graduate-admission> (<https://students.asu.edu/how-and-when-apply-graduate-admission>).

**At least two should be from faculty or other academic staff who can evaluate the applicant's academic performance.

***This is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

An applicant whose native language is not English (regardless of current residency) must also submit proof of English proficiency. See additional requirements for international students at <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/mpa>
UCENT 400
spa@asu.edu
602-496-0450

Public Administration (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 will be 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.

The doctoral program is designed to promote the mastery of the core knowledge of public administration and public policy and to develop more specialized expertise in chosen areas of study and research. Accordingly, in the first year doctoral students take four core courses as a cohort. These courses focus on the foundations of the field, the philosophy of science, and theories and issues in governance, public policy, systems, organizations and human behavior. Additionally, first-year students enroll in at least two elective courses. In the second year, students hone their skills in quantitative and qualitative research, enroll in additional electives, and develop a program of study for their areas of specialization. In the third year, students take an advanced seminar in research and teaching, complete their work in their selected areas of specialization and move forward to a proposal for completing their dissertation.

The program consists of a minimum of 60 credit hours of graduate work beyond the master's degree. Of the 60 credit hours, at least 24 must be research and dissertation credit (of which no more than 12 hours may be dissertation credit). A minimum of 30 credit hours of approved course work, exclusive of dissertation and research, must be taken at ASU after admission to the program. In addition to the core courses above, doctoral students are required to complete course work in two areas of specialization. Specializations are developed in consultation with the student's program of study committee and can focus on a variety of topics related to public administration and public policy. Doctoral students may work with faculty from other departments, if appropriate, to complete their specializations. As an alternative, students may opt for the urbanism concentration.

In addition to the required doctoral core courses, students take a required concentration core course (GCU 516 Principles of Urbanism) and 12 credit hours selected from an approved list of applicable courses related to the four areas below.

- natural environment: includes global, ecological, biological, and other environmental and natural systems and resources
- built form: includes architecture, urban design, urban morphology, urban planning, and transportation and infrastructure

- institutions and governance: includes public policy, politics, and other governmental, economic, legal and political institutions
- culture and society: includes historical, cultural and sociological aspects of urbanism

Admission Requirements:

All applicants are expected to have completed graduate level statistics and research methods classes before admission. Applicants also are expected to have sufficient formal course work 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 will be admitted each year. Please see the program website for application deadlines.

All applicants must submit the following materials:

- a completed checklist (submit online)
- an official online graduate admission application and application fee
- a written statement of educational and career goals that includes a discussion of research interests (submit online)
- a current resume or curriculum vitae (submit online)
- three letters of recommendation (submit online)*
- samples of research reports or papers (submit online)
- official transcripts of all undergraduate and graduate course work
- scores on the GRE (verbal, quantitative, analytical) - GRE institution code: 4007**
- proof of English proficiency***

*These 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 test scores from within the past five years will be accepted, and analytical scores will be considered in admission decisions.

***An applicant whose native language is not English (regardless of current residency) must submit TOEFL scores to be considered for admission (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 PhD 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 will not be considered. For more on the English proficiency requirement, please see <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/phd>
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 an academic career. The degree 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.

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 make a positive and important contribution to the field through teaching and research. As a result, graduates are poised for success as productive and active scholars, researchers and teachers.

Degree Requirements: 90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

The doctoral program is designed to promote the mastery of the core knowledge of public administration and public policy and to develop more

specialized expertise in chosen areas of study and research. Accordingly, in the first year, doctoral students take four core courses as a cohort. These courses focus on the foundations of the field, the philosophy of science, and theories and issues in governance, public policy, systems, organizations and human behavior. In the second year, students hone their quantitative and qualitative research skills, enroll in additional electives, and develop a plan of study for their areas of specialization. In the third year, students take an advanced seminar in research and teaching, complete their work in their selected areas of specialization, and move forward to a proposal for completing their dissertation.

The program consists of a minimum of 60 credit hours of graduate work beyond the master's degree. Of the 60 credit hours, at least 24 must be research and dissertation credit (of which no more than 12 hours may be dissertation credit). A minimum of 30 credit hours of approved course work, exclusive of dissertation and research, must be taken at ASU after admission to the program. In addition to the core courses above, doctoral students are required to complete course work in two areas of specialization. Specializations are developed in consultation with the student's plan of study committee and can focus on a variety of topics related to public administration and public policy. Doctoral students may work with faculty from other departments, if appropriate, to complete their specializations. As an alternative, students may opt for the urbanism concentration.

Admission Requirements:

ASU's School of Public Affairs expects doctoral student applicants 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 will not be required to complete prerequisites for admission to ASU's School of Public Affairs. In some cases, applicants from allied fields (e.i., political science, economics, sociology, business) will not be 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) will be 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.

Please see the program website for application deadlines and admission terms.

Admission is competitive; a limited number of well-qualified applicants will be admitted each year.

All applicants must submit the following materials:

- a completed checklist (submit online)
- an official online graduate admission application and application fee
- a written statement of educational and career goals that includes a discussion of research interests (submit online)
- a current resume or curriculum vitae (submit online)
- three letters of recommendation*
- samples of research reports or papers (submit online)
- official transcripts of all undergraduate and graduate course work
- scores on the GRE (verbal, quantitative, analytical) -- GRE institution code: 4007**
- proof of English language proficiency***

*These 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 (submit online).

**Only test scores from within the past five years will be accepted and analytical scores will be considered in admissions decisions.

***An applicant whose native language is not English (regardless of current residency) must submit Test of English as a Foreign Language scores to be considered for admission; institution code: 4007. This is true even for those who have a master's degree from a U.S. university. To be considered for admission to the doctorate in public administration and policy program, 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 will not be considered. For more on the English proficiency requirement, please see <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, 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 allows students to approach the study of public policy with a focus on public policy in the urban setting. The master's degree program in public policy prepares students for professional careers as policy analysts and leaders in public service involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program can also serve as a platform for preparation for doctoral studies in public policy, public administration, urban studies or other related programs. Students learn analytical techniques and conceptual frameworks for understanding policy issues and identifying potential solutions and about applying these skills to real-world issues --- especially relating to the needs of cities in the region. Students also gain an understanding of policies addressing issues such as poverty, education, the environment and public safety.

The program trains people capable of leading by making positive policy decisions, addressing the difficult questions associated with public policy, and managing the process of policy creation, approval, implementation and evaluation. At the conclusion of the master's degree program, students will be able to identify, analyze and interpret the challenges and dilemmas of public policies, especially those facing urban areas. Students will also be able to approach policy analysis with a variety of quantitative and qualitative methods, and be 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.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

required core courses: 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)

*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-hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

electives:12 credit hours**

- PAF 523 The City and County Manager (3)
- PAF 530 Management of Urban Government (3)
- PAF 536 Urban Policy Making (3)
- PAF 546 Environmental Policy and Management (3)
- PAF 572 Urban Demography (3)

**Other elective courses may be used with approval of the academic unit.

culminating experience: 3 credit hours

- PAF 579 Public Policy Capstone (3)

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Criminology and Criminal Justice (MS)
- Sustainability Solutions (MSUS)
- Urban and Environmental Planning (MUEP)

Admission Requirements:

All materials should be submitted online through the ASU graduate admission application. 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.

All applicants must submit the following materials:

- an official online graduate admission application <https://asu.edu/gradapp> (<https://asu.edu/gradapp>)
- application fee (see <https://students.asu.edu/how-and-when-apply-graduate-admission> (<https://students.asu.edu/how-and-when-apply-graduate-admission>))*
- official transcripts of all undergraduate and graduate work sent to Graduate Admission Services
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT
- three letters of recommendation (at least two from faculty or other academic staff who can evaluate applicant's academic performance)
- a one- to two-page written statement of the applicant's educational and career goals, which will also be used as a sample of the applicant's writing abilities
- proof of English language proficiency**

Applicants may also submit a resume or other documents.

*Note: fees increase after deadline

**An applicant whose native language is not English (regardless of current residency) must also submit proof of English proficiency. See additional requirements for international students at <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Certificate), Certificate (PPPUPGRCT)

Online Degree Search Title: Public Policy Certificate

Campus: Downtown Phoenix

Program Description:

This certificate program prepares students for professional careers as policy analysts and leaders in public service who are involved in the formulation, approval, implementation and evaluation of public policy at all levels of government and in the private and nonprofit sectors. The program is designed to give students analytical techniques and conceptual frameworks for understanding policy issues as well as identifying potential solutions and applying these skills to real-world issues.

Degree Requirements: 15 credit hours.

Fifteen credit hours are required for the certificate: three required courses and two electives chosen from a list of preapproved courses. The electives taken toward the certificate will be selected with the faculty advisor. The faculty advisor will direct 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. Students are required to maintain at least a 3.00 GPA (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:

Please see the program website for application deadlines and admission terms.

Regular admission may be granted to applicants who have achieved a GPA of 3.00 (on a 4.00 scale) or better in the last two years of work leading to a bachelor's degree.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants will be required to submit an online graduate admission application, official transcripts of undergraduate and (if applicable) graduate course work, and a statement of career and educational goals. All materials are submitted through the online application.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/gradcertificates>
UCENT 400
spa@asu.edu
602-496-0450

Public Policy (Environmental Policy), MPP (PPUPEPMPP)

Online Degree Search Title: Public Policy (Environmental Policy)

Campus: Downtown Phoenix

Program Description:

The MPP program with a concentration in environmental policy prepares students at the master's degree level to apply sustainability principles and approaches to careers in a variety of fields that address environmental and, inevitably, human challenges. Students with a concentration in environmental policy will have the knowledge base and skills to bring sustainability solutions to corporate, government and nonprofit sectors. The concentration begins by building a foundation in environmental policy and theory through the core course work, followed by one elective that develops and deepens student expertise in specific areas and issues. The concentration is uniquely positioned to allow students to build careers in public policy analysis and administration, international development and nonprofit organizations.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

required core courses: (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)

required concentration courses: (6 credit hours)

PAF 545/SOS 545 Organizations, Sustainability and Public Policy (3)
PAF 546 Environmental Policy and Management (3)

electives: (6 credit hours; choose two)

CRD 572 Community and Social Innovations (3)
PAF 584 Internship (3)
PUP 548 Planning for Sustainable Communities (3)
PUP 565 Sustainable Urbanism (3)
SOS 512 Sustainable Resource Allocation (3)
SOS 513 Science for Sustainability (3)
SOS 514 Human Dimensions of Sustainability (3)
SOS 517 Sustainability and Enterprise (3)
SOS 530 International Development and Sustainability (3)
SOS 532 Sustainable Urban Dynamics (3)
SOS 533 Sustainable Water (3)
SOS 534 Sustainable Energy and Material Use (3)
SOS 536 Food System Sustainability (3)

SOS 553 Ecological Anthropology (3)
SOS 591 Topic: Adaptation, Resilience and Transformation (3)
SOS 591 Topic: Environmental Ethics and Policy Goals (3)
SOS 598 Topic: Human and Social Dimensions of Global Climate Change (3)
SOS 598 Topic: Sustainable Futures Studio (3)
SOS 598 Topic: Urban Ecological Systems (3)
SOS 598 Topic: US Energy: Pathways to Sustainability (3)
TDM 570 Sustainable Tourism (3)

culminating experience: (3 credit hours; choose one)

PAF 509 Public Affairs Capstone (3)
PAF 579 Public Policy Capstone (3)

*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:

All applicants must submit the following materials. All materials should be submitted online through the ASU graduate admission application.

- an official online graduate admission application; <https://asu.edu/gradapp> (<https://asu.edu/gradapp>)
- application fee; see <https://students.asu.edu/how-and-when-apply-graduate-admission> (<https://students.asu.edu/how-and-when-apply-graduate-admission>) *
- official transcripts of all undergraduate and graduate course work
- verbal, quantitative and analytical scores on the GRE (institution code: 4007)
- three letters of recommendation**
- a one- to two-page written statement of applicant's educational and career goals***

Applicants may also submit a resume or other documents.

*Note: Fees increase after the deadline.

**At least two letters should be from faculty or other academic staff who can evaluate applicant's academic performance.

***This statement also is used as a sample of the applicant's writing abilities.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. See additional requirements for international students at <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/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 degree program in public policy (concentration in policy informatics) provides the knowledge and skills for students who seek careers that will require them to use informatics tools, models and simulations to help individuals and groups deliberate and evaluate policy decisions and to explore new governance infrastructures. This concentration emphasizes theories and research concerning decision-making, complexity theory and visualization of quantitative and qualitative information, collective intelligence, behavioral economics and persuasive technologies.

The concentration in policy informatics combines mastery of advanced methods for processing information with domain expertise that will help humans understand complex social phenomena and achieve goals within public and governance applications. The program's design responds to the need for professionals with domain knowledge who can take a problem-driven, system-level, user-oriented perspective in developing and

applying informatics systems to address societal and governance needs.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509/PAF 579).

Required Core Courses: (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 Advanced Regression (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

*Students enrolling in core MPP courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42-hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Required Concentration Courses: (9 credit hours)

PAF 591 Complexity in Public Policy and Management (3)
PAF 591 e-Public Administration (3)
PAF 591 Introduction to Policy Informatics (3)

Electives: (6 credit hours; choose two courses)

AML 591 Topic: Agent Based Modeling (3)
ASB 533 or SOS 532 Sustainable Urban Dynamics (3)
ASB 555 Complex Societies (3)
ASM 570 Fundamentals (3)
ASM 591 Dynamic Modeling in Social and Ecological Systems (3)
ASM 591 or BIO 591 Readings in Complexity (3)
CBS 520 Modeling and Computational Biology (3)
CSE 561 Modeling and Simulation Theory and Application (3)
PUP 598 Modeling and Simulating Urban Environments (3)

Culminating Experience: (3 credit hours; choose one)

PAF 509 Public Affairs Capstone (3)
PAF 579 Public Policy Capstone (3)

Total required credit hours: 42

Admission Requirements:

All application materials should be submitted online through the graduate admission application. All applicants must submit the following materials:

- an official online graduate admission application, <http://asu.edu/gradapp> (<http://asu.edu/gradapp>)*
- official transcripts of all undergraduate and graduate work
- verbal, quantitative and analytical scores on the GRE (institution code: 4007) or GMAT
- three letters of recommendation (at least two from faculty or other academic staff who can evaluate applicant's academic performance)
- written statement, one- to-two pages in length, describing the applicant's educational and career goals**

*Note: Application fees increase after deadline, see <https://students.asu.edu/how-and-when-apply-graduate-admission> (<https://students.asu.edu/how-and-when-apply-graduate-admission>).

**This statement is also used as a sample of the applicant's writing abilities.

Applicants may also submit a resume or other documents.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. See additional requirements for international students at <https://students.asu.edu/graduate/international> (<https://students.asu.edu/graduate/international>).

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.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/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)

Campus: Downtown Phoenix, Tempe

Program Description:

The MPP degree 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.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

Required Core Courses: (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 Advanced Regression (3)
PAF 574 Diversity, Ethics and Leading Public Change (3)

*Students enrolling in core MPP courses must demonstrate minimum competency in statistics and American national government. Courses taken to fulfill competencies do not count toward the 42-hour degree program. Completion of prerequisite courses is not a requirement for admission but must be completed within one semester after starting the program.

Required Concentration Courses: (6 credit hours)

HSD 501 Science and Technology Policy (3)
PAF 591 Topic: Innovation Policy (3)

Electives: (6 credit hours; choose two courses)

HSD 502 Advanced Science and Technology Policy (3)
HSD 598 Disability Technology, Ethics and Policy (3)
HSD 598 Policy and Leadership for Systems Innovation (3)
PAF 525 Public Entrepreneurship (3)
PAF 546 Environmental Policy and Management (3)
PAF 547 Science, Technology and Public Affairs (3)

Culminating Experience: (3 credit hours; choose one course)

PAF 509 Public Affairs Capstone (3)
PAF 579 Public Policy Capstone (3)

Total required credit hours: 42

Admission Requirements:

All applicants must submit the following materials. All materials should be submitted online through the ASU graduate admission application.

- an official, online ASU graduate application, <http://asu.edu/gradapp> (<http://asu.edu/gradapp>)
- application fee, see <https://students.asu.edu/how-and-when-apply-graduate-admission> (<https://students.asu.edu/how-and-when-apply-graduate-admission>)*
- official transcripts of all undergraduate and graduate course work
- verbal, quantitative and analytical scores on the GRE (institution code: 4007)
- three letters of recommendation**
- a one- to two-page written statement of applicant's educational and career goals***

Applicants may also submit a resume or other documents.

*Note: Fees increase after the deadline.

**At least two letters should be from faculty or other academic staff who can evaluate applicant's academic performance.

***This statement is also used as a sample of the applicant's writing abilities.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. See additional requirements for international students at <https://graduate.asu.edu/international> (<https://graduate.asu.edu/international>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/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 in Public Policy 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 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.

Degree Requirements: 42 credit hours including the required capstone course (PAF 509 or PAF 579).

Breakdown of requirements:

core (24)

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 & Leading Public Change (3)

concentration coursework (6)

PAF 506 Public Budgeting and Finance (3)

PAF 544 Urban Policy (3)

elective or research courses (6)*

culminating experience: 3 credit hours of PAF 509 Public Affairs Capstone or PAF 579 Public Policy Capstone

* Students choose two courses from ESS 510, PAF 534, PAF 571, PUP 525 or an internship as approved by the academic unit. Internship must be 584 course number.

Admission Requirements:

Applicants who meet the following requirements are eligible to apply.

- Potential applicants who hold a bachelor's degree from a regionally accredited institution in a related field are eligible to apply to the program. Related fields include social science disciplines, although the department may accept applicants with undergraduate degrees from all educational backgrounds provide they meet the minimum requirements for the degree program.

- Minimum of a 3.00 cumulative GPA (scale is 4.0 = "A") in the last 60 hours of a student's first bachelor's degree program. Minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in the applicable master's degree program.

Applicants are required to submit:

graduate admission application and application fee

- official transcripts
- proof of English proficiency*
- three letters of recommendation**
- GRE scores
- a written statement of applicant's educational and career goals, 1-2 pages in length

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

**At least two should be from faculty or other academic staff who can evaluate the applicant's academic performance.

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 course work 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 (CLEP) exam in American Government and receiving a passing score.

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 MPP degree.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/mpp>
UCENT 400
spa@asu.edu

Public Safety Leadership & Administration (Emergency Medical Services-Mobile Integrated Healthcare), MPSLA (PPPSEMPSL)

Online Degree Search Title: Public Safety Leadership and Administration (EMS - Mobile Integrated Health Care) (MPSLA)

Campus: Online

Program Description:

The Master of Public Safety Leadership and Administration 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. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector. The emergency medical services - mobile integrated health care concentration provides the foundations for leadership and administration of EMS organizations. This program takes a multi-professional 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 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).

Core (15)

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)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration (9)

CPP 540 Foundations of Emergency Medical Services (3)

CPP 550 Community Paramedicine -- Mobile Integrated Healthcare (3)

HCD 502 Health Care Systems and Design (3)

Electives or Research (6)*

Culminating Experience (3)**

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

* students choose two courses from a restricted list or any graduate-level CPP or PAF course with program approval

**students choose one of the applied project courses listed

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree 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

- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy
- 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

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/public-safety-leadership-administration-mpsla>
UCENT 780
publicservice.recruitment@asu.edu
602-496-0600

Public Safety Leadership and Administration, MPSLA (PPPSLAMPSL)

Online Degree Search Title: Master of Public Safety Leadership and Administration

Campus: Downtown Phoenix, Online

Program Description:

The MPSLA is a graduate degree program designed primarily for public safety professionals. An advanced degree is increasingly important for 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. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in private sector organizations.

Degree Requirements: 33 credit hours including the required capstone course (PAF 509 or CRJ 505).

Required Core Courses: (15 credit hours)

- 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)
- PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Electives: (15 credit hours; choose five courses)

- CRJ 501 Seminar in Criminal Justice (3)
- CRJ 510 Criminal Justice Planning and Program Evaluation (3)
- CRJ 512 Seminar in Policing (3)
- CRJ 513 Seminar in Courts and Sentencing (3)
- CRJ 515 Seminar in Women and Crime (3)
- CRJ 518 Seminar on Race/Ethnicity, Crime and Justice (3)
- CRJ 553 Terrorism and Weapons of Mass Destruction (3)

PAF 552 Integrated Emergency Management (3)
PAF 574 Diversity, Ethics, and Leading Public Change (3)
CPP 591 Seminar: Community Paramedicine and Mobile Integrated Healthcare (3)
CPP 591 Seminar: Emergency Services Operations Analysis and Planning (3)
CPP 591 Seminar: Foundations of EMS Systems (3)
CRJ 514 Seminar in Corrections (3)
CRJ 520 Seminar on Violent Crime (3)
CRJ 521 Seminar on the Nature of Crime (3)
CRJ 554 Homeland Security (3)
CRJ 598 Special Topics: Police and Int'l Terrorism-Israel (3)
HCD 502 Health Care Systems and Design (3)

CPP 591 Seminar: Emergency Services Operations Analysis and Planning (3)
CPP 591 Seminar: Leadership for Innovation in Public Fire Services(3)
HCD 511 Health Economics, Policy and Payment Models (3)
HCD 520 Interdisciplinary Perspectives on Health Disparities and System Access (3)
HCD 591 Conference and Workshop: Creativity and Innovation Leadership in Health (3)
HCD 594 Conference and Workshop: Leading change in Health Organizational Systems (3)
PAF 555 Information Technology in Emergency Management (3)
PAF 561 Interoperability for Emergency Managers (3)

Culminating Experience: (3 credit hours)PAF 593 or CPP 593 Applied Project

Admission Requirements:

Degree: minimum of a bachelor's degree 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 college or university

GPA: minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the applicable master's degree

English Proficiency Requirement: The English proficiency requirements are the same as the Division of Graduate Education requirement. An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Required Admission Examinations: none

Letters of Recommendation: two letters of recommendation

A written statement, at least one-page in length, which describes the applicant's educational and career goals and long-term professional development strategy

Current employment in an organization in this field or at least two years of prior professional experience in this or a related field or a bachelor's degree in a related area

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.
(<http://asuonline.asu.edu/online-degree-programs/graduate/master-public-safety-leadership-and-administration>)

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/public-safety-leadership-administration-mpsla>
UCENT 780
publicservice.recruitment@asu.edu
602-496-0600

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 Master of Public Safety Leadership and Administration 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. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector. The executive fire administration concentration program prepares graduates to handle the challenges facing chief officers. From strategic planning, public policy and administration, leadership and organizational management, data analysis, finance and technology, students will 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).

Core (15)

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)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration Courses (9)

CPP 530 Leadership for Innovation in Public Fire Services (3)

CPP 560 Emergency Services Operations Analysis and Planning (3)

PAF 560 Community Resilience (3)

Elective or Research (6)*

Culminating Experience (3)**

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

* students choose two courses from a restricted list or any graduate-level CPP or PAF course with program approval

**students choose one of the applied project courses listed

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree 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
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts

- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy
- 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

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of
 College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/public-safety-leadership-administration-mpsla>
 UCENT 780
 publicservice.recruitment@asu.edu
 602-496-0600

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 Master of Public Safety Leadership and Administration 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. Graduates of this program should expect to find employment and advancement in all levels of government agencies as well as in the private sector. The executive police administration concentration 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 concentration 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 management of a contemporary law enforcement agency.

Degree Requirements: 33 credit hours including the required applied project course (CPP 593 or PAF 593).

Core (15)

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)

PAF 571 Geographic Information Systems (GIS) and Analysis (3)

Concentration Courses (12)

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)

Elective or Research (3)*

Culminating Experience (3)**

CPP 593 Applied Project (3) or

PAF 593 Applied Project (3)

* students choose one course from a restricted list or any graduate-level CPP, CRJ or PAF course with program approval

**students choose one of the applied project courses listed

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree 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
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program

Applicants are required to submit:

- graduate admission application and application fee
- official transcripts
- proof of English proficiency*
- two letters of recommendation
- a written statement, at least one page in length, which describes the applicant's educational and career goals and long-term professional development strategy
- 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

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions
<https://publicservice.asu.edu/content/public-safety-leadership-administration-mpsla>
UCENT 780
publicservice.recruitment@asu.edu
602-496-0600

Social Entrepreneurship and Community Development (certificate), Certificate (PPSECDGRCT)

Online Degree Search Title: Social Entrepreneurship and Community Development (Graduate Cert)

Campus: Downtown Phoenix, Online

Program Description:

The social entrepreneurship and community development graduate certificate, offered through the School of Community Resources and Development, provides a framework for harnessing entrepreneurial and enterprise opportunities, creating transformative responses to challenges prevalent in societies and communities. This transdisciplinary program combines social entrepreneurship with innovative community development, providing a basis for exploring capacity building and fostering positive change for organizations, corporations, societies and economies. The certificate complements well the Master of Nonprofit Studies program for students interested in pursuing their degree and social entrepreneurship certificate. Consisting of 15 credit hours of graduate-level course work, the certificate is designed for students studying nonprofit leadership and management, social entrepreneurship, public policy and related fields across disciplines and includes a hands-on portfolio component.

Degree Requirements: 15 credit hours..

Required courses: (9 credit hours)

NLM 520 Financial and Resource Management (3)

NLM 562 Social Entrepreneurship (3)

NLM 572 Community and Social Innovation (3)

Elective courses (6 credit hours)

Admission Requirements:

Applicants must complete the online graduate admission application. A bachelor's degree from a regionally accredited college or university recognized by ASU is required, with a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of the program.

A Test of English as a Foreign Language (TOEFL) score is required from any applicant whose native language is not English (regardless of current residency). Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-social-entrepreneurship-community-development?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development

<https://scrd.asu.edu/>

UCENT 550

nonprofit@asu.edu

602-496-0153

Social Work, MSW (PPSWDMSW)

Online Degree Search Title: Social Work - Standard Program (MSW)

Campus: Downtown Phoenix, Tucson, Online

Program Description:

The professional program leading to the MSW degree prepares social workers for advanced professional social work practice. The program is designed to prepare social workers to be capable of responding effectively to the needs of special populations, particularly in the Southwest. The Master of Social Work program is accredited by the Council on Social Work Education.

Degree Requirements: 45 credit hours and a portfolio, or 45 credit hours and a thesis, or 45 credit hours and an applied project (SWG 593), or 45 credit hours including the required capstone course (SWG 621), or 60 credit hours and a portfolio (MSW/MPA dual degree), or 60 credit hours and a thesis (MSW/MPA dual degree), or 60 credit hours and an applied project (SWG 593), or 60 credit hours including the required capstone course (SWG 621) (MSW/MPA dual degree).

Students begin the standard Master of Social Work program in the fall, and in the fall or spring for the online Master of Social Work program. The

program may be completed within four semesters (full time) or six semesters (part time). It is a 45 to 60 credit hour program, including course work and field instruction. It is divided into a foundation year (30 credit hours of core curriculum) taken by all students and a concentration year (30 credit hours).

The foundation year includes basic courses in direct practice, organizational and community change, social policy, human behavior and research.

In the second year, students pursue a concentration in one of the following:

- advanced direct practice
- advanced generalist
- policy, administration and community practice

Students who pursue the advanced direct practice concentration also select one of the following three specializations:

- children, youth and families
- health, behavioral health
- public child welfare

Students are required to complete two internships: a foundation field placement (480 hours) and a concentration field placement (480 hours) in a different setting.

Culminating Events: The culminating events that are available for on-campus students are SWG 599 Thesis, SWG 593 Applied Project, SWG 621 Capstone Course and the master's portfolio. The culminating events that are available for online students are SWG 593 Applied Project, SWG 621 Capstone Course and the master's degree portfolio. The academic unit will advise and monitor the online campus students to ensure they choose the appropriate culminating event.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Juris Doctor (JD)
- Public Administration (MPA) - Downtown Phoenix

Admission Requirements:

Please see the program website for application deadlines. Applicants admitted to the standard Master of Social Work degree program begin classes in the fall, and applicants admitted to the online Master of Social Work degree program begin classes in the fall or the spring.

All applicants must have 120 hours of volunteer or work experience in social services during a six-month period within the past five years.

All applicants must submit the following materials. All required admission materials are submitted directly to Graduate Admission Services at <https://graduate.asu.edu/> (<https://graduate.asu.edu/>). Contact the School of Social Work at 602-496-0800 if there are questions about the application process.

- online graduate admission application
- 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

*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 BSW 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 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>)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

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 (on a 4.00 scale).

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

All students are required to successfully complete a course in human biology before enrollment in the graduate program and a course in statistics, either by Dec. 31 or before registering for SWG 519.

Part-time Program

Students are admitted each fall to a planned part-time program and for the Master of Social Work online degree program in the fall or spring. 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

Upon recommendation of the admission committee, the first year of graduate study (up to 30 graduate credit hours) earned at another Council on Social Work Education-accredited school of social work may be transferred and applied toward the Master of Social Work degree program at ASU. Under these circumstances, the student must complete the second full year of graduate study (at least 30 credit hours of graduate work) at ASU. 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.

Exemption and Waiver Examinations

The number of hours required to complete the standard Master of Social Work program ranges from 45 to 60 credit hours. In addition to transferring in credit, per the recommendation of the School of Social Work director and the Master of Social Work coordinator, admitted students may meet requirements of up to 15 hours of credit toward the degree by exempting up to 15 hours of foundation course work without examination or successfully completing examinations in SWG 501, SWG 502 or SWG 519. Please note that, when applicable, the academic unit will provide a rationale for exemption for students if the student is not from a Bachelor of Social Work program accredited by the Council on Social Work Education.

Concurrent degrees are currently unavailable for the online Master of Social Work degree program.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/online-degree-programs/graduate/master-social-work-social-work>)

Contact Information:

Public Service and Community Solutions, College of
School of Social Work
<https://socialwork.asu.edu/>
UCENT 800
social.work@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 doctoral program in social work is to prepare future social work scholars. While there are many possible definitions of scholarship, the Arizona State University School of Social Work adheres to a broad definition.

A scholar in social work engages in research, teaching and service. The program introduces students to the complex range of roles and responsibilities of faculty and other social work roles of leadership. Critical thinking and creativity in research, teaching and service are at the core of the program.

Given the cultural and economic diversity of the Southwest, the program also strives to elaborate on the human potential embedded in the region's distinct experiences and perspectives. The university offers opportunities for scholarship integrating diverse cultural experiences such as those offered through specialized programs, including American Indian studies and Chicana/o studies, African and African American studies and Asian Pacific American studies. We hope our graduates will play key roles in integrating diversity in their social welfare activities with local, state and regional groups.

The program emphasizes enhancement of scholarship through:

- applied social work research in diverse community settings and populations of the Southwest
- participation in collegial decision-making
- participation in field education and community services
- teaching, from syllabus development to classroom teaching across the professional continuum

Students are expected to participate fully in research teaching and field liaison activities during their course of studies.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The doctoral program requires students to take a minimum of 36 course credit hours beyond the MSW and 84 beyond the bachelor's degree. Students may need to take additional course work to achieve the competency requirements set by the program or set by their graduate supervisory committees. Students must also take a minimum of 24 credit hours of dissertation related research (12 hours of SWG 792 and 12 hours of SWG 799).

Residency

Within the first year of matriculation, all students must complete the School of Social Work residency requirement (a minimum of nine credit hours in each semester of consecutive fall/spring or spring/fall semesters excluding summers).

Foreign Language Requirement

None.

Qualifying Examination

Students are given a qualifying examination in the semester following the completion of the first 18 hours of approved doctoral course work. Students who fail the examination may retake it. Students failing the qualifying examination twice will be dropped from the program.

Comprehensive Examination

Upon completion of course work and the qualifying examination, but before beginning dissertation research, students are given a written examination covering research, theory and methods in their substantive areas. If students should fail one or more components of the examination, a reexamination may be administered no sooner than three months and no later than one year from the date of the original examination. Approval of the reexamination must be obtained from the supervisory committee and dean of graduate studies.

Research and Dissertation Requirements

Each candidate must register for a minimum of 12 hours of research credit (SWG 792) and 12 hours of dissertation credit (SWG 799).

Final Examination

The final oral examination in defense of the dissertation is scheduled and conducted by the student's dissertation committee. A candidate must pass the final examination within five years after completing the comprehensive examination.

The following courses are required:

- nine hours of directed electives in an identified and chair-approved substantive area of which no more than three of these hours may be used in readings and conference or independent study courses
- three hours of theory course in a social science discipline
- 12 hours of required 700-level social work courses approved by the doctoral program committee
- 12 hours of research methods and statistics courses selected from an approved list provided by the doctoral program committee

Once the minimum 36 credit hours are completed, students are also required to register for 24 hours of dissertation research credit -- SWG 792 before proposal defense and SWG 799 after. 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 his or her dissertation.

Admission Requirements:

Criteria

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

Admission to the doctoral program requires completion of all admission requirements and procedures set forth by the Division of Graduate Education.

Please see the program website for application deadlines.

Application

All applicants must submit the following materials. All required admission materials are submitted directly to Graduate Admission Services at <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>). Contact the School of Social Work at 602-496-0800 if there are questions about the application process.

- a completed online graduate application
- application fee
- official transcripts of all undergraduate and graduate work
- curriculum vitae or resume
- GRE test scores
- personal statement**
- proof of English proficiency***
- three letters of reference
- required writing sample: social problem essay
- optional writing sample****

*Though an MSW 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."

***An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

****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>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work

<https://socialwork.asu.edu/>

UCENT 800

social.work@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, Tucson

Program Description:

The professional program leading to the MSW in social work program prepares social workers for advanced direct practice. The program is designed to prepare social workers who are capable of responding effectively to the needs of special populations in the Southwest. This program is located at the Downtown Phoenix campus and in Tucson. It is accredited by the Council on Social Work Education.

Degree Requirements: 39 credit hours and a thesis, or 39 credit hours including the required capstone course (SWG 621).

Students must start the program in summer (beginning with the first summer session) and complete three credit hours in each six-week summer session and three credit hours during the eight-week session, for a total of nine credit hours. The seven credit hours of summer courses are offered in Phoenix only. The summer practicum is available in Tucson. The remainder of the program is completed within two semesters (full time).

Students complete their practicum during the fall and spring semesters and select one of three specializations: children, youth and families health; health, behavioral health; or public child welfare. Students must also complete a capstone course.

Summer Session Course Work

SWG 516 Social Work Skills Seminar (3)

SWG 598 ST: Advanced Standing Bridge Seminar I (3)

SWG 598 ST: Advanced Standing Bridge Seminar II (3)

The following specialization courses are required:

Children, Youth and Families

SWG 606 Assessment of Mental Disorders (3)

SWG 608 Ecological Approach to Practice with Children, Youth and Families (3)

SWG 617 Advanced Social Work Practice with Children and Adolescents (3)

SWG 619 Practice-Oriented Research (3)

SWG 621 Integrative Seminar

SWG 641 Advanced Practicum: Direct Practice I (3)

SWG 642 Advanced Practicum: Direct Practice II (3)

Electives: Two electives must be from an approved list of electives. (9)

Health, Behavioral Health

SWG 603 Practice in Health/Behavioral Health Settings (3)

SWG 606 Assessment of Mental Disorders (3)

SWG 619 Practice-Oriented Research (3)

SWG 621 Integrative Seminar (3)

SWG 641 Advanced Practicum: Direct Practice I (3)

SWG 642 Advanced Practicum: Direct Practice II (3)

Choose one of the following courses:

SWG 604 Advanced Social Work Practice in Health (3)

SWG 613 Advanced Social Work Practice in Behavioral Health (3)

Electives: Two electives must be from an approved list of electives. (9)

Public Child Welfare

SWG 606 Assessment of Mental Disorders (3)

SWG 608 Ecological Approach to Practice with Children, Youth and Families (3)

SWG 609 Advanced Social Work Practice with Child Welfare Families (3)

SWG 619 Practice-Oriented Research (3)

SWG 621 Integrative Seminar (3)

SWG 633 Child Welfare Services (3)

SWG 641 Advanced Practicum: Direct Practice I (3)

SWG 642 Advanced Practicum: Direct Practice II (3)

Electives: The electives must be approved by Child Welfare Training Project staff. (6)

Admission Requirements:

Applicants must have a BSW from a Council on Social Work Education-accredited program with at least a 3.20 GPA (on a 4.00 scale) in the last two years of work leading to the BSW (junior and senior GPA). Applicants must have received their BSW no more than six years prior to the date of admission to the MSW program. All applicants are required to have completed a course in human biology and a course in statistics before enrolling in the advanced standing program.

Please see the program website for application deadlines. Applicants admitted to the advanced standing program begin classes in the summer.

All applicants must submit the following materials. All required admission materials are submitted directly to the Graduate Admission Services at <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>). Contact the School of Social Work at 602-496-0800 if there are questions about the application process.

- online graduate admission application
- application fee
- original 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**

*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 BSW 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>)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work
<https://socialwork.asu.edu/>
UCENT 800
social.work@asu.edu
602-496-0800

Social Work (Planning, Administration and Community Practice), MSW (PPCPDTMSW)

Online Degree Search Title: Social Work - Advanced Standing - (Planning, Administration and Community Practice) (MSW)

Campus: Downtown Phoenix, Tucson

Program Description:

The professional program leading to the MSW degree prepares social workers 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. The program is designed to prepare social workers to be capable of responding effectively to the needs of special populations in the Southwest. The master's degree program is accredited by the Council on Social Work Education and is located at the Downtown Phoenix campus and in Tucson.

Degree Requirements: 39 credit hours and a portfolio, or 39 credit hours and a thesis.

Students must start the program in summer (beginning with the first summer session) and complete three credit hours in each six-week summer session and three credit hours during the eight-week session, for a total of nine credit hours. The remainder of the program is completed within two semesters (full time).

Students continue with their practicum during the fall and spring semesters. The culminating experience is a portfolio or thesis.

Summer Session Course Work

SWG 516 Social Work Skills Seminar (3)

SWG 598 ST: Advanced Standing Bridge Seminar I (3)

SWG 598 ST: Advanced Standing Bridge Seminar II (3)

Planning, Administration and Community Practice (PAC)

SWG 623 Agency and Community-Based Research in Social Work (3)

SWG 632 Social Policy and Services II (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)*

*Electives may be selected from offerings at the School of Social Work or courses offered through other departments with the approval of the MSW program coordinator.

Admission Requirements:

Applicants must have a BSW from a Council on Social Work Education-accredited program, with at least a 3.20 GPA (on a 4.00 scale) in the last two years of work leading to the BSW (junior and senior GPA). Applicants must have received their BSW no more than six years prior to the date of admission to the MSW program. All applicants are required to have completed a course in human biology and a course in statistics before enrollment in the advanced standing program.

Please see the program website for application deadlines. Applicants admitted to the advanced standing program begin classes in the summer.

All applicants must submit the following materials. All required admission materials are submitted directly to Graduate Admission Services at <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>).

- online graduate admission application
- application fee
- official transcripts of all undergraduate and graduate work sent to the Division of Graduate Education
- three letters of reference*
- professional resume that includes volunteer and paid work experience
- statement of educational and career goals**

*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 BSW 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 at: <https://socialwork.asu.edu/content/msw-application-proceduresmaterials> (<https://socialwork.asu.edu/content/msw-application-proceduresmaterials>)

Contact the School of Social Work at 602-496-0800 if there are any questions about the application process.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work
<https://socialwork.asu.edu/>
UCENT 800
social.work@asu.edu
602-496-0800

Social Work - Advanced Standing, MSW (PPASWMSW)

Online Degree Search Title: Social Work - Advanced Generalist (MSW)

Campus: Downtown Phoenix

Program Description:

The professional program leading to the MSW degree prepares social workers with the knowledge, skills and values to practice as advanced generalists. The program is designed to prepare social workers to be capable of responding effectively to the needs of special populations in the Southwest. The program is accredited by the Council on Social Work Education and is located at the Downtown Phoenix campus.

Degree Requirements: 39 credit hours and an applied project.

Students must start the program in summer (beginning with the first summer session) and complete three credit hours in each summer session, for a total of six hours. The remainder of the program can be completed within two semesters (full time) or four semesters (part time).

Students also complete one internship and an applied project.

Summer Session Course Work

SWG 598 ST: Advanced Standing Bridge Seminar (3)

SWG 598 ST: Advanced Standing Bridge Seminar (3)

Advanced Generalist Course Work

SWG 598 Advanced Social Work Practice and Ethics (3)

SWG 610 Advanced Generalist SW Practice III (3)

SWG 614 Advanced Generalist SW Practice IV (3)

SWG 632 Social Policy/Services II (3)

SWG 645 Professional Experience III (3)

SWG 646 Professional Experience IV (3)

SWG 692 Research (3)

SWG 693 Applied Project (3)

Electives must be from the approved list of electives (6)

Admission Requirements:

Applicants must have a BSW from a Council on Social Work Education-accredited program with at least a 3.20 GPA (on a 4.00 scale) in the last two years of work leading to the BSW (junior and senior GPA). Applicants must have received their BSW no more than six years prior to the date of admission to the MSW program. All applicants are required to have completed a course in human biology and a course in statistics prior to enrollment in the advanced standing program.

Please see the program website for application deadlines.

All applicants must submit the following materials. All required admission materials are submitted directly to the Graduate Admission Services at <https://students.asu.edu/graduate> (<https://students.asu.edu/graduate>). Contact the School of Social Work at 602-496-0800 if there are questions about the application process.

- online graduate admission application
- 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**

*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 BSW 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>)

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of

School of Social Work

<https://socialwork.asu.edu>

UCENT 800

social.work@asu.edu

602-496-0800

Sustainable Tourism, MAS (PPSUSTMAS)

Online Degree Search Title: Sustainable Tourism (MAS)

Campus: Online

Program Description:

Students in the MAS degree program in sustainable tourism receive a comprehensive education with a focus on the environmental, economic and social aspects of tourism, equipping them with the skills necessary to create 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. The 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 program is offered by the School of Community Resources and Development.

Degree Requirements: 31 credit hours including the required applied project course (TDM 593).

Core Course Requirements: (24 credit hours)

- CRD 569 Advanced Tourism and Recreation Studies (3)
- TDM 520 Sustainable Thinking in Tourism (3)
- TDM 521 Sustainable Thinking in Tourism II (3)
- TDM 530 Sustainable Tourism Destination Planning and Management I (3)
- TDM 531 Sustainable 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)

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Tourism Development and Management, 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

- submission of the online graduate admission application
- 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 tourism, hospitality, sustainability, environmental studies, business, geography or planning
- minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program
- three letters of recommendation*
- proof of English language proficiency**

*The online application will require three letters of recommendation; these 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. Required are the names, email addresses, titles and organizations from whom the student will be requesting recommendations. The three referees will be emailed a link to complete an online recommendation form.

**A Test of English as a Foreign Language (TOEFL) is required for any applicant whose native language is not English, regardless of current residency, <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>).

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-advanced-study-sustainable-tourism?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<http://scrd.asu.edu/>
UCENT 550
scrd@asu.edu
602-496-0550

Sustainable Tourism (certificate), Certificate (PPSTGRCT)

Online Degree Search Title: Sustainable Tourism (Cert)

Campus: Online

Program Description:

The online graduate certificate in sustainable tourism, offered by the School of Community Resources and Development, is intended for professionals who work in or desire to work in the tourism industry. The program addresses the unique character of sustainability and sustainable practices in tourism development and management. Students interested in sustainable tourism management explore the practice of management

and development of sustainable tourism businesses and destinations.

Students who complete the 18 credit hour certificate will have 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.

The program allows graduates enhanced recognition and credentials in an area experiencing a great deal of interest and growth. Students in the program will be able to further their careers by obtaining advanced education specific to sustainability practices in tourism.

Degree Requirements: 18 credit hours.

Core Required Courses:

TDM 520 Sustainable Thinking in Tourism I (3)
TDM 521 Sustainable Thinking in Tourism II (2)
TDM 530 Sustainable Destination Planning and Management I (3)
TDM 531 Sustainable Destination Planning and Management II (2)
TDM 561 Best Practices Workshop Preparation (1 credit-Fall B)
TDM 562 Best Practices Workshop Presentation (1)
TDM 570 Sustainable Tourism (3)

Electives: (choose one)

TDM 540 Sustainable Food Management in Tourism (3)
TDM 550 Managing the Sustainable Tourism Business (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Admission Requirements:

All applicants must complete the online graduate admission application. A bachelor's degree from a regionally accredited college or university recognized by ASU is required, with a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's bachelor's degree program.

Two letters of recommendation 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, are to be submitted through the online application.

The Test of English as a Foreign Language (TOEFL) is required for any applicant whose native language is not English (regardless of current residency). Please visit <https://students.asu.edu/graduate/proficiency> (<https://students.asu.edu/graduate/proficiency>) for more information.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu/>
UCENT 550
scrd@asu.edu
602-496-1056

Trauma and Bereavement (certificate), Certificate (HSCTBGRCT)

Online Degree Search Title: Trauma and Bereavement (Grad 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 prepares individuals to work in the field of death and dying as well as trauma and bereavement in clinical, organizational and administrative settings. The program provides students with enhanced knowledge about grief responses and the effects of trauma and opportunities for students 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.

In addition to tuition and class fees, there is a \$500 one-time program fee.

Degree Requirements: 15 credit hours.

The certificate requires 15 credit hours of graduate course work and a culminating experience: Research/Applied Project/Internship (3).

Admission Requirements:

Please see the program website for application deadlines.

All applicants must submit the online graduate admission application, official transcripts (if not on file with ASU) and the application fee.

In addition, the following materials are to be submitted to the School of Social Work:

- two- to four-page, doubled-spaced, personal statement (guidelines are listed on the application)
- resume
- School of Social Work certificate application (available on the department website)
- three references, on the forms available on the department webpage

No more than two certificate courses may be completed before applying for admission to the certificate program.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the College of Public Service and Community Solutions.

Contact Information:

Public Service and Community Solutions, College of

School of Social Work

<https://socialwork.asu.edu/>

UCENT 800

social.work@asu.edu

602-496-0800

Sustainability, School of

Complex Adaptive Systems Science (certificate), Certificate (SUCASGRCT)

Online Degree Search Title: Complex Adaptive Systems Science Certificate

Campus: Downtown Phoenix, Polytechnic, Tempe

Program Description:

The complex adaptive systems science graduate certificate 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 systems perspective to give science better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students will be 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 will need to have a complex adaptive systems science faculty member on their supervisory committee.

Degree Requirements: 15 credit hours.

core course credit hours (12)

elective course credit hours (3)

Admission Requirements:

All students must be enrolled and in good standing in an ASU doctoral program or be accepted into such a program for incoming students.

Students must complete an application and submit a statement of intent to the complex adaptive system science graduate faculty as well as a copy of their current transcript and a letter of support from an ASU faculty member (for existing ASU students) or other faculty member (for incoming students).

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/complex-adaptive-systems-certificate/>
WGHL 108
SOSGradSunDevil@asu.edu
480-727-6963

Global Sustainability Leadership (certificate), Certificate (SUSUSGGRCT)

Online Degree Search Title: Global Sustainability Leadership (Graduate Certificate)

Campus: Online

Program Description:

The graduate certificate in global sustainability leadership will provide training to U.S. Army and Army National Guard leaders (e.g., field-grade officers, senior civilians and state environmental program managers) to enhance their ability to instill and manage sustainable practices throughout the Army and Army National Guard. Courses will emphasize providing leadership across lines of operation and areas of responsibility. The program emphasizes the application of sustainability tools, techniques and concepts to issues on bases and installations in the U.S., Europe and Asia, and to bases in Iraq, Afghanistan or other areas to which the Army may be deployed.

Degree Requirements: 15 credit hours.

Students are expected earn a "B" (3.00) or better in each course. It is also expected that they complete the program in three years, but they can finish the program in one or two years depending on how many courses they take each semester.

Admission Requirements: • An applicant must be a soldier or civilian in the Army or Army National Guard.

- A minimum of a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university is required.
- A minimum of a 3.00 cumulative GPA (4.00 = "A" scale) in the last 60 hours of a student's bachelor's program is required.
- A resume or curriculum vitae is optional.
- A statement of intent is required (details are noted in the application).

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/certificates/graduate-certificate-sustainability-leadership?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/>
WGHL 108
schoolofsustainability@asu.edu
480-727-6963

Sustainability, MA (SUSUSTMA)

Online Degree Search Title: Sustainability (MA)

Campus: Tempe

Program Description:

The MA in sustainability is a research-oriented degree 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 designing new ways to address sustainability challenges and prepares students for designing and conducting transdisciplinary research. Although the graduate degree programs emphasize the integration of a broad range of expertise in student training, this master's degree program is best suited to students inclined toward social sciences, 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 the academic and technical skills as well as the ethical insights that will help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels. Students can also apply to participate in the Master's International Peace Corps Program or the USAID Global Development Research Program, which works in conjunction with this program.

All sustainability graduate students will 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 and to policymakers and the general public
- the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems
- the critical-thinking skills to approach sustainability challenges from a systems perspective
- the skills needed to work effectively in interdisciplinary teams
- the technical skills to formulate and solve problems at the appropriate scale

Degree Requirements: 37 credit hours and a thesis, or 37 credit hours including a capstone course (SOS 596).

Each student will formulate a plan of study in consultation with their supervisory committee. The master's degree program is divided into the following:

Core: (19 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 579 Proposal Writing (3)

SOS 581 Synthesis for Sustainability Research (3)

SOS 589 SOS Community of Graduate Student Scholars (1)*

Electives: (15 credit hours)

Methods and Methodology Electives (6)

Normative Dimensions of Sustainability Electives (3)

General (6) electives including but not limited to the following prefixes:

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

Culminating Experience: (6 credit hours)

SOS 596 Capstone (Scientific Paper) (6) or SOS 599 Thesis (6)

*taken over four semesters, for four credit hours total

Students who are also part of the Master's International Peace Corps Program must complete a Peace Corps assignment abroad, and it is expected that their thesis or capstone scientific paper will be drawn from their experience in the Peace Corps. Students in the program will earn six credit hours toward the master's program requirements.

The taught-course element of the program will be evaluated through course-specific examinations, research papers or applied projects and will be considered to have been successfully completed if the student obtains a GPA of 3.25 or higher. Division of Graduate Education policies and procedures for fulfillment of degree requirements must also be met.

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The school encourages applicants with diverse educational backgrounds and experience that are relevant to the school's core objectives. In addition to the general requirements for admission to the Division of Graduate Education, the school requires:

- a 3.25 GPA in the last 60 credit hours of undergraduate course work
- a statement of intent*
- GRE scores
- three letters of recommendation
- resume or curriculum vitae

*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.
- Identify potential faculty advisors.

Students interested in applying to participate in the Master's International Peace Corps Program will be able to do so after they've been admitted to the master's degree program.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

Contact Information:

Sustainability, School of
 School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/master-arts/>
 WGHL 108
 SOSGradSunDevil@asu.edu
 480 7276963

Sustainability, MS (SUSUSTMS)

Online Degree Search Title: Sustainability (MS)

Campus: Tempe

Program Description:

The MS 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 designing new ways to address sustainability challenges, and it prepares students for designing and conducting transdisciplinary research. Although the graduate degree programs emphasize the integration of a broad range of expertise in student training, this master's degree program is best suited to students inclined toward natural sciences, economics, engineering 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 the academic and technical skills as well as the ethical insights that will help them understand, research and provide solutions to complex sustainability challenges at the local, regional, national and global levels. Students can also apply to participate in the Master's International Peace Corps Program or the USAID Global Development Research Program, which work in conjunction with this program.

All sustainability graduate students will 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 and to policymakers and the general public
- the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems
- the critical-thinking skills to approach sustainability challenges from a systems perspective
- the skills needed to work effectively in transdisciplinary teams

Degree Requirements: 37 credit hours and a thesis, or 37 credit hours including a capstone course (SOS 596).

Each student will formulate a plan of study in consultation with their supervisory committee. The master's degree program is divided into the following:

Core: (19 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 579 Proposal Writing (3)
- SOS 581 Synthesis: Sustainability Research (3)
- SOS 589 SOS Community of Graduate Student Scholars (1) (taken over four semesters for four credit hours total)

Electives:

- Methods and methodology electives (6)
- Normative dimensions of sustainability elective (3)
- General electives including but not limited to the following prefixes:
 SOS, ABS, ART, PAF, SGS, POS, SOC, PSB, PHI, COM, CPP, CRD, ESS, PGV, NTR, MCO, GCU, SCM, HPS, HST, JHR, JMC, JUS, LAW, LES, PUP, SBS, RTM, STS, TDM, URB --- (6)

Culminating Experience:

SOS 596 Capstone (Scientific Paper) (6) or SOS 599 Thesis (6)

Students who are also part of the Master's International Peace Corps Program must complete a Peace Corps assignment abroad, and it is expected that their thesis or capstone scientific paper will be drawn from their experience in the Peace Corps. Students in the program will earn six credit hours toward the master's degree program requirements.

The taught-course element of the program will be evaluated through course-specific examinations, research papers or applied projects and will be considered to have been successfully completed if the student obtains a GPA of 3.25 or higher. Division of Graduate Education policies and procedures for fulfillment of degree requirements must also be met.

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The school encourages applicants with diverse educational backgrounds and experience that are relevant to the school's core objectives to apply to the program. In addition to the general requirements for admission to the Division of Graduate Education, the school requires:

- a 3.25 GPA in the last 60 credit hours of undergraduate work
- a statement of intent*
- GRE scores
- three letters of recommendation
- resume or curriculum vitae

*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
- identify potential faculty advisors

Students interested in applying to participate in the Master's International Peace Corps Program will be able to do so after they've been admitted to the master's degree program.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/master-science/>
WGHL 108
SOSGradSunDevil@asu.edu
480-727-6963

Sustainability, PHD (SUSUSTPHD)

Online Degree Search Title: Sustainability (PhD)

Campus: Tempe

Program Description:

The PhD in sustainability is offered for students who have completed a bachelor's degree or master's degree program. The doctoral program prepares students to become scientists and leaders in research, to investigate the urgent sustainability challenges of this century. Graduates will possess an advanced understanding of the dynamics of coupled socioecological systems and be able to lead others in research providing adaptive solutions to specific sustainability challenges. The flexible, transdisciplinary nature of the program allows students to focus on problems of interest to them, drawing upon relevant knowledge from a variety of disciplines. Students can also apply to participate in the USAID Global Development Research Program, which works in conjunction with this program.

All sustainability graduate students will 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 and to policymakers and the general public

- the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems
- the critical-thinking skills to approach sustainability challenges from a systems perspective
- the skills needed to work effectively in transdisciplinary teams
- the technical skills to formulate and solve problems at the appropriate scale

In addition to the common learning outcomes, students will be able to:

- conduct research on particular sustainability challenges using standard skills, including the capacity to identify problems; formulate and test hypotheses; use statistical, econometric and geographical information-system techniques to construct and analyze datasets; and build and apply models
- lead others in the analysis and design of the built environment and institutions' policies, regulations and technologies to support sustainable development
- 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
- understand the concepts and methods of a number of critical disciplines bearing on the sustainability of systems at different spatial and temporal scales

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Students may be admitted to the program with a bachelor's degree or master's degree from relevant fields. The degree requirement is 84 credit hours of work beyond the level of a bachelor's degree. Up to 30 credit hours from a previously awarded master's degree in a related field can be accepted toward the fulfillment of the doctoral requirements. Each student formulates a plan of study in consultation with his or her supervisory committee. The doctoral program is divided into the following four areas:

- core courses
- applied workshops
- elective courses
- required research and dissertation

Each plan of study must include 24 credit hours of a combination of research and dissertation. The taught-course element of the program will be evaluated through course-specific examinations and also research papers or applied projects and will be considered to have been successfully completed if the student obtains a GPA of 3.25 or higher. Division of Graduate Education policies and procedures for fulfillment of degree requirements must also be met.

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The school encourages applicants with diverse educational backgrounds and experience that are relevant to the school's core objectives. In addition to the general requirements for admission graduate study, the school requires:

- a 3.25 GPA in the last 60 credit hours of undergraduate work
- a statement of intent*
- GRE scores
- three letters of recommendation
- resume or curriculum vitae

*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
- identify potential faculty advisors

Applicants must fulfill the requirements of both the Division of Graduate Education and those of the School of Sustainability.

Contact Information:

Sustainability, School of
 School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/doctor-philosophy/>
 WGHL 108
 SOSGradSunDevil@asu.edu

Sustainability (Complex Adaptive Systems Science), PHD (SUSUSTCPHD)

Online Degree Search Title: Sustainability (Complex Adaptive Systems Science) (PhD)

Campus: Tempe

Program Description:

The complex adaptive systems science concentration 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 diverse, ongoing, university-wide research on complex adaptive systems science at Arizona State University and emphasizes the value of a complex adaptive systems science perspective, to give better insight and a more active role in seeking solutions to a broad array of critical issues facing our society today. Students will be fluent in the common language of complexity while also receiving a solid foundation in the domain knowledge of existing academic disciplines.

The PhD in sustainability is offered for students who have completed a bachelor's degree or master's degree program. The doctoral program prepares students to become scientists and leaders in research, to investigate the urgent sustainability challenges of this century. Graduates will possess an advanced understanding of the dynamics of coupled socioecological systems and be able to lead others in research providing adaptive solutions to specific sustainability challenges. The flexible, transdisciplinary nature of the program allows students to focus on problems of interest to them, drawing upon relevant knowledge from a variety of disciplines.

All sustainability graduate students will 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, policymakers and the general public
- the breadth of vision to recognize the interconnectedness of social, economic, environmental and technical systems
- the critical-thinking skills to approach sustainability challenges from a systems perspective
- the skills needed to work effectively in interdisciplinary teams
- the technical skills to formulate and solve problems at the appropriate scale

In addition to the common learning outcomes, students will be able to:

- conduct research on particular sustainability challenges using standard skills, including the capacity to identify problems; formulate and test hypotheses; use statistical, econometric and geographical-information-system techniques to construct and analyze datasets; and build and apply models
- lead others in the analysis and design of the built environment and institutions' policies, regulations and technologies to support sustainable development
- 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
- understand the concepts and methods of a number of critical disciplines bearing on the sustainability of systems at different spatial and temporal scales

Students pursuing the concentration will need to have a complex adaptive systems science faculty member as the chair or co-chair of their supervisory committee.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The requirements of the PhD in sustainability must be met. In addition to those requirements, students pursuing the concentration in complex adaptive systems science must fulfill:

- approved course work related to complexity (12)
- CASS-related research credit (3)

At least one member of the student's doctoral supervisory committee must be a complex adaptive systems science faculty member, and the dissertation must include complex adaptive systems science approaches.

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

The school encourages applicants with diverse educational backgrounds and experience that are relevant to the school's core objectives. In addition to the general requirements for admission to the Division of Graduate Education, the school requires:

- a 3.25 GPA in the last 60 credit hours of undergraduate work
- a statement of intent*
- GRE scores
- resume or curriculum vitae
- three letters of recommendation

*The statement of intent should not exceed 600 words and should do the following:

- 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.
- Explain why the applicant is applying to the School of Sustainability and, more specifically, the doctoral program with the complex adaptive systems science concentration.
- Elaborate on key research questions the applicant wishes to address or problems to solve as part of the plan of study.
- Identify potential faculty advisors.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

Contact Information:

Sustainability, School of
 School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/doctor-philosophy/>
 WGHL 108
 SOSGradSunDevil@asu.edu
 480 7276963

Sustainability Leadership, EMSL (SUEMSLEMSL)

Online Degree Search Title: Sustainability Leadership - Executive (EMSL)

Campus: Tempe

Program Description:

The Executive Master of Sustainability Leadership program prepares experienced professionals to significantly advance sustainability practices in the workplace. The program will equip graduates to lead institutional and cultural change for their companies, organizations, communities and their own careers. The accelerated curriculum is designed specifically for the working professional and can be completed in one year through a combination of unique in-person experiences (including an international immersive), online course content and a capstone project. The degree program, which includes focus areas in leadership, strategy, communications and global context, is uniquely powerful because it is backed by the extensive knowledge base of the Julie Ann Wrigley Global Institute of Sustainability at ASU and its more than 300 sustainability scientists and scholars and a host of world-class sustainability and leadership professionals.

Degree Requirements: 30 credit hours including the required capstone courses (EMS 515 and EMS 516).

The curriculum for this program is focused around four principal themes: global context, strategy, communications and leadership. Students are required to complete 30 credit hours, including three in-person sessions --- two sessions at ASU campus and one abroad (EMS 508).

Core courses: (27 credit hours)

- EMS 501 Sustainability Leadership Workshop I (1)
- EMS 502 Global Context I (2)
- EMS 503 Strategic Sustainability I (2)
- EMS 504 Communications and Sustainability I (2)
- EMS 505 Sustainability Leadership I (2)
- EMS 506 Global Context II (2)
- EMS 507 Strategic Sustainability II (2)
- EMS 508 International Immersive (2)
- EMS 509 Communications and Sustainability II (2)
- EMS 510 Sustainability Leadership II (2)
- EMS 511 Global Context III (2)
- EMS 512 Strategic Sustainability III (2)
- EMS 513 Communications and Sustainability III (2)
- EMS 514 Sustainability Leadership III (2)

Culminating experience: (3 credit hours)

- EMS 515 Capstone I (2) and EMS 516 Capstone II - Sustainability Leadership Workshop II (1)

Admission Requirements:

Degree: Applicants must 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 international institution that is officially recognized by that country.

GPA: The School of Sustainability requires the equivalent of a minimum GPA of 3.00 in the last 60 semester hours or 90 quarter hours of undergraduate work. Given that this is an executive master's degree for experienced professionals, work and life experience may be taken into account in lieu of minimum GPA or other aspects of past bachelor's degree program experience. Applicants with GPAs below 3.00 may be admitted on a provisional status. Applicants should contact the program for more details if their GPA falls below the 3.00 requirement.

Work Experience: Applicants to the program should be interested in and passionate about advancing sustainability in their organizations, either directly or indirectly. Successful candidates will be expected to draw from and apply solutions to actual professional challenges and opportunities. Applicants should contact the program for more details if they are currently not employed.

English Proficiency: An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency. For more details about the English proficiency requirement or to determine if an applicant qualifies for an exemption, please review the ASU graduate admission English proficiency requirements or contact the program for further guidance.

Applicants must fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

For a complete list of application requirements, please visit: <https://sustainabilitysolutions.asu.edu/programs/executivemasters/#apply> (<https://sustainabilitysolutions.asu.edu/programs/executivemasters/#apply>).

Contact Information:

Sustainability, School of
School of Sustainability
<https://sustainabilitysolutions.asu.edu/programs/executivemasters>
BYOH
Jennifer.L.Griffin@asu.edu
480-727-3097

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. Because sustainability is a relatively new field of study, professionals who are interested in this emerging field have often migrated into sustainability roles without formal training and education in sustainability practice. Today's sustainability professionals may have extensive experience and academic training in a particular area --- such as engineering, accounting, operations or communications --- yet lack the sustainability skills and knowledge to advance their work and careers.

The Master's of Sustainability Leadership program teaches organizational leadership skills through the lens of sustainability. This program equips graduates to drive high-impact transformative results for their companies, organizations, communities and their own careers. 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.

Degree Requirements: 35 credit hours including the required Applied Project Course (SOS 593).

Core Courses: (25 credit hours)

EMS 502 Global Context (2)

EMS 503 Strategic Sustainability I (2)

EMS 504 Communications and Sustainability (2)

EMS 505 Sustainability Leadership I (2)

EMS 506 Global Context II (2)

EMS 507 Strategic Sustainability II (2)

EMS 509 Communications and Sustainability II (2)

EMS 510 Leadership II (2)
EMS 511 Global Context III (2)
EMS 512 Strategic Sustainability III (2)
EMS 513 Communications and Sustainability III (2)
EMS 514 Leadership III (2)
SOS 501 Foundations of Sustainability (1)

Focus Area Electives (6)

Culminating Experience:

SOS 593 Applied Project (4)

Admission Requirements:

A wide array of academic backgrounds will be considered in combination with professional and life experience for those applying to the MSL program. Students should have a minimum of three years of professional or organizational experience or the equivalent. In addition to the general requirements for admission to the Division of Graduate Education, the school requires:

- a minimum of a bachelor's or master's degree
- 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program*
- a CV or resume
- a portfolio exemplary of their work**

*For applicants who have a GPA below 3.00, professional experience and statement of intent may be submitted in order to be considered for admission provisionally.

**Where appropriate, given the background experience described, students may be asked to provide a portfolio of their work. This can include samples of writing, presentations, planning documents and professional reports.

An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division Graduate Education and the School of Sustainability.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-sustainability-leadership-sustainability-leadership?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu>
WGHL 108
SOSGradSunDevil@asu.edu
480 7276963

Sustainability Solutions, MSUS (SUSUSOMSUS)

Online Degree Search Title: Sustainability Solutions (MSUS)

Campus: Tempe

Program Description:

The MSUS program focuses on the application of established knowledge in sustainability and prepares students to develop solutions, working with stakeholders on sustainability challenges using a sustainability framework. The program is also designed to prepare students to apply sustainability principles and approaches to careers in a variety of fields, addressing complex human and environmental challenges. Students will have a knowledge base and skill set to bring sustainability solutions to corporate, government and NGO sectors. Students begin the program with a foundation in sustainability theory and methods, then are allowed to specialize in a customizable focus area or select from other focus areas such as:

- communication
- entrepreneurship
- international development
- nonprofit organization
- policy and administration
- technology and society

A distinguishing element of the program is its applied approach and emphasis on solutions. This includes a course on managing sustainability projects as well as the capstone experience, in which students will do an internship, applied project or workshop (in lieu of a thesis). Students are encouraged to apply sustainability principles and approaches to their chosen career field. They will be teaming up with a company, government agency or nongovernmental organization to develop a real-world sustainability solution. This practical experience will position graduates perfectly in today's competitive, knowledge-intensive job market. Students can also apply to participate in the USAID Global Development Research Program, which works in conjunction with this program.

Degree Requirements: 33 credit hours including the applied project requirement of (SOS 593).

The curriculum consists of the following:

Total semester hours required (33)

core courses (6)

SOS 510 Perspectives on Sustainability (3)

SOS 511 Methodology of Sustainability Research and Problem Solving (3)

foundational courses (9)

methods courses (5)

career preparation course (1)

SOS 531 Achieving Career Success in Sustainability (1)

project management course (3)

SOS 582 Project Management for Sustainability (3)

focus electives (6)

culminating experience (3)

SOS 593 Applied Project

*No more than six credit hours of 400-level course work can be included in plan of study.

**The Division of Graduate Education policies and procedures for fulfillment of degree requirements must also be met.

Concurrent Degrees:

This degree is also offered as concurrent degree with:

Legal Studies (MLS)

Master of Mass Communication (MMC)

Public Administration (MPA) - Downtown Phoenix

Public Policy (MPP)

Urban and Environmental Planning (MUEP)

Admission Requirements:

Applicants must submit an online graduate admission application.

An applicant whose native language is not English (regardless of current residency) must provide proof of English language proficiency.

The school encourages applicants with diverse educational backgrounds and experiences that are relevant to the school's core objectives. In addition to the general requirements for admission to the Division of Graduate Education, the school requires:

- a 3.00 GPA in the last 60 credit hours of undergraduate work
- a statement of intent
- GRE scores
- three letters of recommendation
- resume or curriculum vitae

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.
- Elaborate on project ideas the applicant wishes to pursue as part of the program of study.

Applicants are required to fulfill the requirements of both the Division of Graduate Education and the School of Sustainability.

Contact Information:

Sustainability, School of
 School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/master-sustainable-solutions/>
 WGHL 108
 SOSGradSunDevil@asu.edu
 480 7276963

Teachers College, Mary Lou Fulton

Advanced Analytics in Higher Education, Certificate (TEAAHEGRCT)

Online Degree Search Title: Advanced Analytics in Higher Education (Grad Certificate)

Campus: Tempe, Online

Program Description:

The graduate certificate program in advanced analytics in higher education prepares professionals in higher education to conduct advanced analytics to assist university personnel in making management decisions within higher education. Coursework addresses topics such as application of data mining, predictive analytics, sentiment analysis and statistical techniques as well as data management and security, data visualization and contextualization within higher education. The program emphasizes application of theory in practice. Students will use data from their own work context for a project in every course, allowing them to immediately apply their learning to data with which they are already familiar.

Degree Requirements: 15 credit hours.

Core (15)

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 Analytic Methods for Higher Education (3)

Admission Requirements:

Applicants who meet the following requirements are eligible to apply:

- minimum of a bachelor's degree (business, economics, education, psychology or equivalent) or master's degree from a regionally accredited college or university
- minimum of a 3.00 cumulative GPA (scale is 4.0 = "A") in the last 60 hours of a student's first bachelor's degree program; minimum of 3.00 cumulative GPA (scale is 4.0 = "A") in an applicable master's degree program
- required to have at least 3 years working in higher education or a related field, and have taken at least one graduate or undergraduate statistics course with a grade of "B" or better

Applicants are required to submit:

- graduate admission application and application fee

- official transcripts
- proof of English proficiency*

* Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

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 (Grad Certificate)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. Our master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The graduate certificate program in an overview of autism spectrum disorders is ideal for educators, interventionists, paraprofessionals, psychologists, pathologists, behavior analysts or family members who want to enhance their preparation for working with children and adults affected with autism spectrum disorder.

The online program can benefit those interested in the fields of teaching, counseling, social work, speech pathology, various fields of therapy and program management in any area that provides services to individuals on the autism spectrum.

Students can complete the graduate certificate within a two-year period while concurrently pursuing a graduate degree or as a stand-alone certificate. Students interested in sitting for the national Board Certified Behavior Analyst exam should apply for the MEd in curriculum and instruction applied behavior analysis concentration or the applied behavior analysis graduate certificate, depending on interest and need.

Degree Requirements: 15 credit hours.

- SPE 520 Reading and Communication Strategies for Individuals with Autism (3)
- SPE 521 Foundations of Autism Spectrum Disorders (3)
- SPE 531 Methods of Applied Behavior Analysis for Exceptional Populations (3)
- SPE 566 Applied Behavior Analysis in Inclusive Settings (3)
- SPE 580 Practicum (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/certificates/graduate-certificate-autism-spectrum-disorders?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-programs/graduate-certificates/autism-spectrum-disorders>

ED 118

GraduateEducation@asu.edu

602-543-6358

Applied Behavior Analysis (Certificate), Certificate (TEABAGRCT)

Online Degree Search Title: Applied Behavior Analysis

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. The master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The graduate certificate program in applied behavior analysis pairs research and experience to prepare professionals to work with individuals with special 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 to use applied behavior analysis across various populations and settings. Graduates will be 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.

Mary Lou Fulton Teachers College offers university course work pre-approved by the Behavior Analyst Certification Board for students interested in sitting for the 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 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 course work. Students seeking the master's degree as well as the pre-approved university course work for the BCBA exam should apply to the MEd in curriculum and instruction, applied behavior analysis concentration.

Degree Requirements: 18 credit hours.

Required Courses: (18 credit hours)

SPE 531 Methods of Applied Behavior Analysis for Exceptional Populations (3)

SPE 565 Behavior Change Systems (3)

SPE 566 Applied Behavior Analysis in Inclusive Settings (3)

SPE 567 Basic Concepts and Ethics of Applied Behavior Analysis (3)

SPE 568 Behavior Assessment (3)

SPE 569 Research Methods in Applied Behavior Analysis (3)

Electives: None

Culminating Experience: None required

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-applied-behavior-analysis?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-programs/graduate-certificates/applied-behavior-analysis>

ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Teaching and Learning), MEd (EDDCIMED)

Online Degree Search Title: Teaching and Learning (MED)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MEd program in curriculum and instruction, teaching and learning concentration, facilitates the development of advanced level professional knowledge, skills and understanding through research and applied experiences. The program provides a customized experience in a content area related to education.

The concentration in teaching and learning is for practitioners across all disciplines and grades and has three areas of specialization:

- applied behavior analysis
- autism spectrum disorders
- gifted education

Students interested in pursuing a degree in one of the specialization areas listed should apply for the Master of Education in curriculum and instruction with that concentration.

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 will complete 30 hours in their focus area and a culminating project to be embedded within a course, depending on the specialization.

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

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 (Accomplished Teaching), MA (EDACCTCMA)

Online Degree Search Title: Accomplished Teaching (MA)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. Our master's degree and doctoral programs prepare graduates to thrive in their careers and play a leadership role in advancing the world's most important profession.

The MA in curriculum and instruction, accomplished teaching concentration, is designed for classroom teachers who want to enhance their instructional performance and deepen their understanding of educational theory and practice. Students will improve their understanding of student learning and assessment, and develop skills in conducting action research.

Students completing this degree will focus on improving their practice and strengthening their foundation in teaching and research. To enhance their knowledge and skills, students may select from an array of elective courses in educational psychology, educational foundations and subject-specific courses offered online and on campus. Students should consult with a faculty advisor or academic advisor on their selections.

Students who wish to deepen their knowledge of a specific area may select from the following foci:

Special Education:

Choose electives from an array of online courses that focus on autism spectrum disorders or applied behavioral analysis. Students may elect to take the course work that prepares them for the Board Certified Behavior Analyst examination.

Gifted Education:

Online electives are designed to meet the Arizona gifted education, K-12 endorsement.

Educational Technology:

Students may choose from campus-based or online electives that provide the skills and knowledge to develop skills in online instruction or to develop a broader knowledge base of technology uses in education.

English as a Second Language:

Students may choose from online electives that provide the skills and knowledge to work with English Language Learners in a variety of settings.

Early Childhood Education:

Students may choose from online electives that provide the skills and knowledge to work with young children in a variety of settings.

Each degree candidate completes an applied project under the direction of an advisor.

Degree Requirements: 30 credit hours including the required applied project course (DCI 593).

Required core courses (15)
Elective courses (12)
DCI 593 Applied Project (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu/teacher-education-masters-programs>
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)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MEd program in curriculum and instruction, applied behavior analysis concentration, pairs research and experience to prepare professionals to work with individuals with special learning and behavior needs using the principles of applied behavior analysis.

The course work 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 will be 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.

Mary Lou Fulton Teachers College offers university course work 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 Behavior Analyst Certificate Board-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 course work. Students not seeking the master's degree but interested in only the preapproved university course work 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).

This program requires:

- required concentration courses (24)
- research course (3)
- SPE 597 Capstone Project (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee

- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://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)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/applied-behavior-analysis>

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)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MEd program in curriculum and instruction, autism spectrum disorders concentration, equips individuals with specialized skills and knowledge to work effectively with children and adults affected with autism.

The steady rise in 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 will be 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 curriculum and instruction, 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) and Practicum (SPE 580).

core credit hours (3)

concentration credit hours (18)

elective credit hours (3)

culminating experience: SPE 597 Capstone (3)

SPE 580 Practicum (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee

- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-autism-spectrum-disorders?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-curriculum-instruction-teaching-learning-autism>
ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Early Childhood Education), MEd (TEECMED)

Online Degree Search Title: Early Childhood Education - Certification/Endorsement (MED)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MEd program in curriculum and instruction, early childhood education concentration, prepares individuals to meet the educational, social and emotional needs of children from birth through age eight.

Through online course work, 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 track 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.

Another option is the master's degree with an early childhood education endorsement (birth through age eight or through grade three), which familiarizes students with the most current trends and issues in the field. This track may be of interest to students with an elementary or special education teaching certificate who want to serve children birth through kindergarten.

A third option is the Master's and Arizona Certification in Early Childhood Education program, which provides students with the course work and practical experiences necessary to become licensed to teach children birth through grade three in the public schools. The program provides participants an institutional recommendation for an Arizona Early Childhood Education (birth through age eight or through grade three) certification and the master's degree.

All courses are online, but clinical experiences are completed in person.

Degree Requirements: 30 credit hours including the required applied project course (ECD 593).

Students in this program will complete an applied project within their plan of study as a culminating activity.

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Students must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-education-curriculum-and-instruction-concentration-early-childhood?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-of-education-curriculum-instruction-early-childhood-education>

ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (English as a Second Language), MA (EDESLMA)

Online Degree Search Title: English as a Second Language (MA)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU' Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MA program in curriculum and instruction, English as a second language concentration, prepares students to teach English language learners in a variety of settings, including U.S. schools.

The program caters to professionals with a wide range of roles, including both new and experienced teachers, administrators, policymakers and community workers.

Graduate students gain strategies to assist their students in developing ESL skills in reading, writing and listening, and they will learn how to involve community and families as partners.

The program teaches educators specific skills for assessing English learner proficiency and content area knowledge. It also exposes students to various program models and provides a strong foundation for supporting ESL students' language acquisition. Students will leave the program with a historical perspective of English learners in the U.S. and on past and current policy toward ESL.

All program faculty have worked with English learner students, have a good mix of elementary- and secondary-level focus and field-tested research strategies, and are advocates for ESL students.

While the program is an excellent choice for teachers seeking to improve their preparation to work with English learners and includes course work supporting the Arizona ESL endorsement for certified teachers, 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.

Note: This degree is not the same as the Master of Teaching English to Speakers of Other Languages that is offered through the English department.

Degree Requirements: 30 credit hours including the required capstone course (BLE 597).

core course work (3)

concentration course work (24)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

GRE scores are not required for admission.

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-arts-curriculum-and-instruction-english-second-language-esl?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-of-arts-curriculum-instruction-english-as-second-language-esl>

ED 118

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Gifted Education), MEd (TEGEDMED)

Online Degree Search Title: Gifted Education MEd

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MEd program in curriculum and instruction, gifted education concentration, prepares teachers, school administrators, school psychologists, early interventionists and family members to work effectively with gifted children. Students will gain the theory and pedagogy needed to identify and serve gifted children as well as the knowledge and skills required to develop and provide the most current instructional methods and services for their gifted students.

Graduates will understand how to identify learning potential and address specific needs of gifted and talented students. They will gain an understanding of gifted students' unique affective and academic needs and know how to design and provide appropriately challenging, differentiated curriculum and instruction so that gifted students may develop their full potential.

Graduates will know how to develop a continuum of gifted programs and services, work with administrations, teachers, school boards and parents, and be able to 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 also for school administrators and gifted program coordinators.

Students who complete the program will be qualified to earn a gifted education (K-12) endorsement from the Arizona Department of Education.

Degree Requirements: 30 credit hours including the required capstone course (SPE 597).

core course (3)
concentration course work (21)
elective course work (3)
culminating experience: SPE 597 Capstone Project (3)
overall required credit hours (30)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/master-education-curriculum-and-instruction-teaching-and-learning-gifted-elementary?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-curriculum-instruction-teaching-and-learning-gifted-ED-118>

GraduateEducation@asu.edu

602-543-6358

Curriculum and Instruction (Literacy Education), MA (EDLANGMA)

Online Degree Search Title: Literacy Education (MA)

Campus: Downtown Phoenix

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MA program in the curriculum and instruction, literacy education concentration provides students the opportunity to investigate theoretical and pedagogical perspectives in literacy education. Students will study literacy assessment, essential elements of instruction, content area reading, leadership, children's literature, multiliteracies, literacy research and theoretical foundations. Students will choose from specializations in multiliteracies education or programs that lead to Arizona Department of Education reading endorsements. Embedded within the courses in this program are six strands of inquiry:

- **Literacy Leadership:** A primary goal of this program is to develop a cadre of literacy leaders to serve the needs of teachers and students in Arizona and beyond.
- **Theoretical Foundations:** Literacy educators need to understand the relationship between theories and instructional practices in order to develop sound instructional practices and provide effective literacy instruction for all students.
- **Pedagogical Knowledge and Resources:** This program provides a foundational knowledge base for literacy educators, addressing both pedagogical and content knowledge. Literacy educators need to understand how to use a variety of resources to assess students' literate abilities and use these assessments to construct appropriate instructional strategies.
- **Technology and Digital Resources:** Teachers and students alike need to be prepared to face the impact and challenges technology brings to today's learning environments. This program will focus on the use of technology in our lives and the classroom to enhance learning experiences for students.
- **Critical Literacy and Social Justice:** This program is designed to enhance teachers' skills and dispositions for supporting inclusive educational

practices, critical-thinking skills and multiliteracies to face the challenges of a diverse and global society.

- Reflective Practice: In this program, teachers will be supported to inquire into their own instructional approaches, analyze the resources available for literacy instruction, and critically examine the environments and learning experiences constructed in their classrooms.

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-arts-curriculum-instruction-literacy-education-concentration-ED-118>

GraduateEducation@asu.edu

602-543-6358

Educational Leadership, MEd (EDSUPVMED)

Online Degree Search Title: Educational Leadership (MEd)

Campus: West

Program Description:

This page describes the in-person options for the educational leadership program.

For information on the online concentration in principalship, see the master's degree program in educational leadership (principalship) (TEPRINMED).

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

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 teacher leaders. 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; ensure equitable and excellent educational opportunities and support for all students.

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 course work in a hybrid format. Learning continues during the school year with a blend of Web-based and face-to-face courses taken at ASU's West campus, including set meetings each semester during which 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 course work 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 will serve as the laboratory of practice for applying the concepts, principles and leadership approaches learned through the course work.

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 including the required applied project (EDA 593).

concentration requirements (27)

core requirements (3)

culminating experience: EDA 593 Applied Project (3)

Admission Requirements:

Applicants must have a bachelor's degree and at least two years of pre-K through grade 12 teaching experience as a teacher of record.

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-educational-leadership>

ED 118

GraduateEducation@asu.edu

602-543-6358

Educational Leadership (Principalship), MEd (TEPRINMED)

Online Degree Search Title: Educational Leadership (Principalship) (MEd)

Campus: Online

Program Description:

This page describes the online principalship concentration option.

For information on the in-person program, see the master's degree program in educational leadership (EDSUPVMED).

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

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 teacher leaders. 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; ensure equitable and excellent educational opportunities and support for all students.

The two-year online pathway allows students to complete course work online and gain the field experiences required to attain principal certification. Students must be employed in a school-based position or have access to an ASU- and district-approved school placement that will serve as the

laboratory of practice for applying the concepts, principles and leadership approaches learned through the course work.

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 including an applied project (EDA 593).

concentration requirements (27)

core requirements (3)

culminating experience: EDA 593 Applied Project (3)

Admission Requirements:

Applicants must have a bachelor's degree and at least two years of pre-K through grade 12 teaching experience as a teacher of record.

Applicants to this program are required to meet Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/graduate/master-education-educational-leadership-principal?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-educational-leadership>

ED 118

GraduateEducation@asu.edu

602-543-6358

Educational Leadership (Supervision), MEd (TESPRVIMED)

Online Degree Search Title: Educational Leadership (Supervision) (MEd)

Campus: Online

Program Description:

This page describes the online supervision concentration (teacher leader) program.

Students interested in pursuing a degree in educational leadership should apply for one of the options below:

- in-person program, see master's degree program in educational leadership (EDSUPVMED)
- online principalship concentration, see master's degree program in educational leadership (principalship) (TEPRINMED)

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

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 teacher leaders. 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; ensure equitable and excellent educational opportunities and support for all students.

The two-year online pathway is designed for preK-12 teachers who want a more defined role in their school district by becoming an Arizona certified supervisor. The program focuses on building important leadership and curriculum skills and allows students to take advantage of the college's Internet-based course work. Students must be employed in a school-based position or have access to an ASU- and district-approved school placement that will serve as the laboratory of practice for applying the concepts, principles and leadership approaches learned through the course work.

Available options under the master's in educational leadership program are designed to prepare teachers to meet Arizona requirements for supervision certification. Students seeking certification in a state other than Arizona should contact their state department of education to determine the principal or supervision certification requirements prior to applying.

Degree Requirements: 36 credit hours and a portfolio, or 36 credit hours including the required applied project (EDA 593).

concentration requirements (27)

core requirements (3)

culminating experience: EDA 593 Applied Project (3)

Admission Requirements:

Applicants must have a bachelor's degree and at least two years of preK-12 teaching experience as a teacher of record.

Applicants to this program are required to meet Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/degree-programs/graduate/master-education-educational-administration-supervision-teacher-leadership?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-educational-leadership>
ED 118

GraduateEducation@asu.edu

602-543-6358

Educational Policy, MA (EDSPFMA)

Online Degree Search Title: Educational Policy

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create

knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MA program in educational policy is designed to provide participants with training in education policy and applied data analysis. It is particularly well suited for individuals whose careers require the use and interpretation of data, such as overseeing assessments or conducting program evaluations. Classroom teachers will gain a new perspective on their schools, classrooms and teaching with the skills they develop in this master's program.

The course work will deepen students' understanding of research and policy making, allow them to critically assess education programs and policies and develop the skills they need to engage in data-driven decision making. Courses address key issues in contemporary education policy, evaluating and synthesizing research literature, analyzing and interpreting data and conducting applied research projects. With the assistance of a faculty or academic advisor, students will also customize their elective courses in educational policy, research methods and areas of interest to enhance their knowledge and skills.

In the culminating experience in the final semester, students will design and execute an individual or group project that will utilize their new knowledge and research skills.

Degree Requirements: 30 credit hours including an applied project (EPA 593).

Core Course Requirements: (15)

EPA 532 Becoming an Informed Consumer of Education Research (3)

EPA 555 Translating Research for Education Change (3)

EPA 556 Data Analysis for Education Decisionmakers (3)

EPA 559 Systematic Inquiry for Problem Solving (3)

EPA 565 Critical Topics in Education Policy (3)

Restricted Elective or Research Course Work (12)

Culminating Experience: EPA 593 Applied Project (3)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

A minimum of a 3.00 cumulative GPA in the last 60 hours of a student's first bachelor's degree program is required by the Division of Graduate Education.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree-programs/educational-policy>

ED 118

GraduateEducation@asu.edu

602-543-6358

Educational Policy and Evaluation, PHD (EDLDRSHPHD)

Online Degree Search Title: Educational Policy and Evaluation (PhD)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The PhD program in educational policy and evaluation prepares scholars who teach and conduct rigorous, high-impact and transdisciplinary research on education policy that advances our collective understanding of preK-20 education.

Doctoral students in the educational policy and evaluation program engage in systematic analyses of education policies 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 practice of education policy research and evaluation and an area of specialization.

Areas of specialization include, but are not limited to the following:

- American Indian education
- comparative, international and global education
- economics and finance of education
- higher and postsecondary education
- language policy and linguistic diversity
- Latino and Latina education
- research, evaluation and assessment methods
- science, technology, engineering and mathematics (STEM)
- sociocultural foundations of education

Educational policy and evaluation students work closely with nationally and internationally recognized faculty members on collaborative and independent research projects that result in policy briefs, reports, scholarly articles and engagement in education policy. The program also provides opportunities for internships in applied settings and varied experiences in scholarly publishing.

Students are expected to engage in the doctoral program full time. Funding packages that include a competitive stipend, tuition remission and health insurance are available. These funding packages can be renewed each year, if students make satisfactory progress, for a total of four years. A limited number of additional awards will be available for outstanding candidates.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

Of the 84 hours required for the degree 54 must be earned at ASU and 24 of the ASU hours must be earned in research or dissertation. The course work includes classes in 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 credits. In addition, 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. Students without a master's degree in a related discipline may transfer no more than 12 credit hours toward the degree.

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree and master's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- GRE scores*
- an academic writing sample
- curriculum vitae
- proof of English proficiency**

*There is no minimum requirement.

****An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.**

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/phd-edd/doctor-of-philosophy-in-education-policy-and-evaluation>
ED 118

GraduateEducation@asu.edu

602-543-6358

Educational Technology, MEd (EDTECHMED)

Online Degree Search Title: Educational Technology (MEd)

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MEd program in educational technology emphasizes the design of learning technology environments, systems, applications, and instructional materials for multiple learning contexts. The program prepares learning design and technology professionals for a variety of settings, including business and industry, and formal and informal educational settings, such as K-12 and higher education, museums, and nonprofit and government organizations.

Through projects that address real-world, authentic problems, students will apply current research and learning theories, along with the use of emerging technologies, to the practice of learning and instructional design. All courses are iCourses and combine a range of resources and technologies to facilitate direct interaction between students, program faculty and classmates. Program graduates will be prepared with the knowledge and skills required to address real-world problems and emerging design challenges through the process of learning design.

Degree Requirements: 30 credit hours including the required applied project course (EDT 593).

In consultation with an academic advisor, each student develops a plan of study in one of two tracks: technology for teaching or instructional design and technology.

Required Courses: (12)

EDT 501 Foundations and Issues in Educational Technology (3)

EDT 502 Design and Development of Instruction (3)

EDP 540 Theoretical Views of Learning (3)

EDT 593 Applied Project (3)

Specialization Courses (9)

Electives (9)

Admission Requirements:

Applicants to this program are required to meet Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/online-degree-programs/graduate/master-education-educational-technology>)

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-educational-technology>
ED 118
GraduateEducation@asu.edu
602-543-6358

Educational Technology, PHD (EDTECHPHD)

Online Degree Search Title: Educational Technology (PhD)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. Our master's and doctoral programs prepare graduates to thrive in their careers and play a leadership role in advancing the world's most important profession.

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.

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.

Degree Requirements: 84 credit hours, a written comprehensive exam, a prospectus and a dissertation.

The following course work is required for all students in the program:

Required Courses (24 hours)

EDP 540 Theoretical Views of Learning (3)
EDP 552 Multiple Regression and Correlation Methods (3)
EDP 554 Analysis of Variance Methods (3)
EDT 501 Foundations and Issues in Educational Technology (3)
EDT 502 Design and Development of Instruction (3)
EDT 503 Instructional Media Design (3)
EDT 504 Development of Computer-Based Instruction (3)
EDT 506 Educational Evaluation (3)
EDT 701 Research in Educational Technology (3)

Elective Courses (30 hours)

Students select a minimum of 30 credit hours of elective course work in consultation with a faculty advisor or doctoral committee chair.

Practicum Hours (6 and research, below)

Students must earn at least 18 semester hours of credit for practicum courses. Students will complete three different practica while in the program: instructional design (typically EDT 780, 3 credits), teaching (typically EDT 680, 3 credits) and a research practicum.

Research and Dissertation (24 hours)

Admission Requirements:

All applicants must meet the Division of Graduate Education admission standards and submit the graduate admission application. The online application requires:

- transcript showing conferral of a bachelor's from a regionally accredited institution; a four-year undergraduate GPA of 3.20 or above
- three email addresses for professional recommendations
- personal statement
- resume

- GRE scores: scores of 500 or above on the verbal reasoning and quantitative reasoning sections of the GRE; a score of four or above on the analytical writing section of the GRE
- English proficiency: a score of 600 (paper-based) or above on the TOEFL or 100 (Internet-based)

Applicants must fulfill requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton
 Educational Leadership & Innovation, Division
<https://education.asu.edu/>
 ED 118
 GraduateEducation@asu.edu
 602-543-6358

Elementary Education (Teacher Certification), MEd (TEEEACL MED)

Online Degree Search Title: Elementary Education (Teacher Certification) (MEd)

Campus: Downtown Phoenix, Tempe, West

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

This program is for those who already have a bachelor's degree in any field and want to become licensed to teach grades 1-8.

The elementary education program builds strong connections between theory and practice through quality classroom instruction paired with extensive clinical experiences.

Students gain a strong foundation in teaching and content knowledge from experts in the field of education. Mary Lou Fulton Teachers College faculty actively engage in the educational research community and embed this vital knowledge throughout the program. This connection further empowers our students to engage in their own research through the applied project course work.

A series of clinical experiences or field placements are designed to assist our students in developing a thorough understanding of teaching and learning as they apply knowledge from their course work in varied school settings. Individualized guidance through our clinical framework provides our students with the support they need to become effective educators.

The MEd program in elementary education offers three options for students to earn a master's degree and Arizona teacher certification:

The Masters and Arizona Certification program students take classes at an ASU campus two nights a week and are required to do a field experience one day per week for at least two semesters. During the last semester of the MAC program, students complete a full-time student teaching experience.

The Induction, Masters and Arizona Certification program features a partnership with Teach For America, various school districts and charter schools. The InMAC program provides an alternative pathway to teacher certification for full-time teachers on an intern teaching certificate. To qualify, individuals must secure a full-time teaching position. Participants take classes one night per week and must be continuously enrolled in apprentice teaching course work.

In the iTeachAZ program, students take classes and complete all field work in a partner school district. This is a daytime program in which students take classes two to three days per week and complete three days of field experience. In their next-to-last semester, students complete a full-time student teaching experience.

Degree Requirements: 33 credit hours including the required applied project course (EED 593).

Students in this program will complete an applied project as part of their plan of study. The applied project is conducted in the student teaching or apprentice teaching school setting.

Admission Requirements:

Applicants to this program are required to meet Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution

- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*
- IVP Fingerprint Clearance Card issued by the State of Arizona

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-elementary-education>

ED 118

GraduateEducation@asu.edu

602-543-6358

English as a Second Language (Certificate), Certificate (TEESLGRCT)

Online Degree Search Title: English as a Second Language

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degrees and doctoral degree programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The graduate certificate in English as a second language prepares students to teach English language learners in a variety of settings, including U.S. schools. The program caters to a wide range of professionals, including new and experienced teachers, administrators, policymakers and community workers. Students of this program gain strategies to assist their students in developing ESL skills in reading, writing and listening and involve the community and families as partners.

The program teaches educators specific skills for assessing English learner proficiency and content area knowledge, knowledge of various program models, and a stronger foundation in supporting ESL students' language acquisition. Students will leave the program with a historical perspective of English learners in the U.S. and context of past and current policy toward ESL. The course work in the ESL graduate certificate leads to the ESL endorsement in the state of Arizona.

Degree Requirements: 18 credit hours.

Required Courses (15 credit hours):

BLE 511 Introduction to Language Minority Education (3)

BLE 520 ESL for Children (3)

BLE 522 Literacy/Biliteracy Development (3)

BLE 529 Language Assessment and Evaluation of ESL/BLE Students (3)

BLE 561 Parent Involvement in Language Minority Education Programs (3)

Electives (3 credit hours, choose one):

BLE 535 Sociolinguistic Issues in Bilingual Education (3)

BLE 537 Language Structure Acquisition (3)

Culminating Experience: none

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume

- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-english-second-language?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-programs/graduate-certificates/english-second-language>

ED 118

GraduateEducation@asu.edu

602-543-6358

Gifted Education (Certificate), Certificate (TEGEDGRCT)

Online Degree Search Title: Gifted Education

Campus: Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral degree programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The graduate certificate in gifted education prepares teachers, school administrators, school psychologists, early interventionists and family members to work effectively with gifted children. The graduate certificate provides students with the theory and pedagogy needed to identify and serve gifted children as well as the knowledge and skills required to develop and provide the most current instructional methods and services for their gifted students.

Graduates will understand how to identify learning potential and address specific needs of gifted and talented students. They will gain an understanding of gifted students' unique affective and academic needs and know how to design and provide appropriately challenging, differentiated curriculum and instruction so that gifted students may develop their full potential.

Graduates will know how to develop a continuum of gifted programs and services, work with administrators, teachers, school boards and parents, and be able to advocate for gifted students at local and national levels.

The course work in the graduate certificate leads to the gifted education endorsement in the state of Arizona.

Degree Requirements: 15 credit hours.

Required Courses: (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; choose one)

SPE 572 Testing and Measurement in Gifted Education: Methods (3)

SPE 573 Differentiating Instruction for Gifted Learners: Teaching Methods (3)

SPE 589 Teaching the Gifted Learner: Models, Methods and Programs (3)

Culminating Experience: none required

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/graduate-certificate-gifted-education?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-programs/graduate-certificates/gifted-education>

ED 118

GraduateEducation@asu.edu

602-543-6358

Higher and Postsecondary Education, MEd (EDPOSTMED)

Online Degree Search Title: Higher and Postsecondary Education (MEd)

Campus: Downtown Phoenix, Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

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 or support positions.

The higher and postsecondary education program develops leaders who have a strong understanding of the theory and practice of higher education administration, possess the capacity to analyze issues confronting contemporary colleges and universities and apply expertise in designing innovative solutions in administrative decision-making. The goal of this program is to provide graduates with a better understanding of the challenges that face contemporary colleges and universities and to prepare them to succeed in environments that demand innovation, excellence, inclusion and collaboration. Students will have the opportunity to make a local impact to support the success of higher education in the state of Arizona.

Course work 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 successfully work with the diverse stakeholders in contemporary higher education; and, how to collect and use data to improve decision-making.

This 30-credit, 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 percent of the content delivered face-to-face (weekday evenings) and 50 percent delivered through independent or technology-supported learning experiences and fieldwork.

This program culminates with the creation and presentation of an applied project that demonstrates a student's learning and development and is designed to promote this student's career advancement in higher education.

Degree Requirements: 30 credit hours including the required applied project course (HED 593).

The following course work is required for all students in the program:

core requirements (9)
foundation courses (18)
applied project (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*Applicants whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-of-education-in-higher-and-postsecondary-education>
ED 120

GraduateEducation@asu.edu

602-543-6358

Institutional Research and Policy Analysis (certificate), Certificate (EDINSRESCE)

Online Degree Search Title: Institutional Research and Policy Analysis (Grad Certificate)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral degree programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

People working in or with schools are increasingly being asked to interpret and make decisions based on data. The graduate certificate in institutional research and policy analysis provides participants with the training and skills in education policy and applied data analysis that will allow them to critically assess education programs and policies and engage in data-driven decision-making. The certificate consists of five courses in which students will analyze data from real-world settings, including their own schools or organizations.

This certificate program will allow students to:

- glean insights from data that will help them make effective decisions in classrooms, schools, districts and other organizations
- present reliable and pertinent data to their colleagues and administrators
- develop analyses that can help them identify instructional changes aimed at improving student achievement

Degree Requirements: 15 credit hours.

Required Courses: (15 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)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-programs/graduate-certificates/institutional-research-and-policy-analysis>

ED 118

GraduateEducation@asu.edu

602-543-6358

Instructional Design and Performance Improvement (certificate), Certificate (EDEDTGRCT)

Online Degree Search Title: Instructional Design and Performance Improvement (Graduate Certificate)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral degree programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

Mary Lou Fulton Teachers College offers a graduate certificate in instructional design and performance improvement that focuses on how to facilitate learning and improve performance in a variety of settings.

The certificate program focuses on design and development of instruction, instructional media design, development of computer-based instruction and trends in performance improvement.

Students can concurrently pursue the graduate certificate while enrolled in other graduate programs at ASU.

The graduate certificate includes a specific series of courses that will help a student achieve professional growth.

Degree Requirements: 15 credit hours including the required capstone course (EDT 504).

EDT 501 Foundations and Issues in Educational Technology (3)

EDT 502 Design and Development of Instruction (3)

EDT 503 Instructional Media Design (3)

EDT 504 Development of Computer-Based Instruction (3)

EDT 507 Trends in Performance Improvement (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English language proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

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: Downtown Phoenix, West, Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The EdD in leadership and innovation is designed for practicing educator-leaders who work in a range of settings and want to transform their practice and create better learning opportunities for students of all ages.

Students in the program begin as accomplished teachers, teacher leaders, principals, superintendents, higher education professionals or leaders in other educational contexts. Through course work, students deepen their abilities to lead change and implement innovation in their local educational organizations. The program is not designed to prepare students for academic research-oriented tenure-track positions.

The program is offered in two formats, face-to-face and online, with both offerings sharing similar course work and structure.

The cohort-based program focuses on research in action and includes required course work and several options for advanced professional studies with a research core that deepens students' abilities to reflectively and critically think about problems of practice in one of the following contexts:

- prekindergarten-Grade 12 change leadership
- higher education change leadership
- systems, professional and reimagined change leadership

Differentiation among these contexts and students' interests occurs within the required course work.

Students conduct multiple cycles of inquiry throughout the program and learn research within their own workplace. Students share their research at the end of each academic-year semester through roundtables, posters and symposia in a public doctoral research forum. The culminating requirement is an action-research dissertation.

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. Students register for required research and dissertation hours as part of the LSC requirement. Each student's LSC leader serves as the dissertation chair, along with two additional committee members who ultimately make up the dissertation 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 will 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, schools or organizations and local communities.

Degree Requirements: 90 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

professional core (24)

research core (9)

advanced professional studies (6)

directed field-based study (3)

participation in leader scholar communities (6)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree and master's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- an academic writing sample
- curriculum vitae
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Students must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/graduate/edd-leadership-and-innovation?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/phd-edd/doctor-of-education-in-educational-leadership-and-innovation>
ED 118

GraduateEducation@asu.edu

602-543-6358

Leadership and Innovation (Policy and Administration), EdD (TEINPAEDD)

Online Degree Search Title: Educational Leadership and Innovation (Policy/Admin) (EdD)

Campus: West

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. Our master's degree and doctoral programs prepare graduates to thrive in their careers and play a leadership role in advancing the world's most important profession.

The EdD in leadership and innovation program 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 make 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 will 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)

Research core (9)

Advanced professional studies (15)

Directed field-based study (3)

Participation in leader scholar communities (6)

Dissertation (12)

Admission Requirements:

The concentration in policy and administration under the EdD in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/phd-edd/doctor-of-education-in-educational-leadership-and-innovation>

ED 118

GraduateEducation@asu.edu

602-543-6358

Leadership and Innovation (Teaching), EdD (TEINTEEDD)

Online Degree Search Title: Educational Leadership and Innovation (Teaching) (EdD)

Campus: West

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. Our master's degree and doctoral programs prepare graduates to thrive in their careers and play a leadership role in advancing the world's most important profession.

The EdD in leadership and innovation program 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 make 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 will 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)

Research core (9)

Advanced professional studies (15)

Directed field-based study (3)

Participation in leader scholar communities (6)

Dissertation (12)

Admission Requirements:

The concentration in leadership of teaching innovation under the EdD in leadership and innovation is no longer accepting applications. Applicants should apply to the EdD in leadership and innovation rather than a specific concentration.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/phd-edd/doctor-of-education-in-educational-leadership-and-innovation>

ED 118

GraduateEducation@asu.edu

602-543-6358

Learning Sciences, MA (EDPSYCHMA)

Online Degree Search Title: Learning Sciences (MA)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MA in learning sciences proceeds from an understanding that learning happens in many places that include but are not limited to schools. Graduates of the program will be equipped to design effective learning systems in a broad range of formal and informal settings that include museums, libraries, workplaces and schools. This program focuses on the power of design thinking to improve educational systems and provides students with a blend of theoretical insights and practical tools that will prepare them to shape learning environments and experiences. The systems-level approach includes cognitive, social and contextual factors and the interactions among them. Graduates will become leaders in the development, integration and improvement of learning and teaching systems.

Degree Requirements: 30 credit hours including the required applied project course (LSE 593), or 30 credit hours, a thesis and a written comprehensive exam.

Thesis Option:

Core (3)

Electives or Research (21)

LSE 599 Thesis (6)

Nonthesis Option:

Core (3)

Electives or Research (24)

Accelerated Degrees:

This degree is also offered as an accelerated degree with Educational Studies, BAE

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

An applicant must have a minimum of a bachelor's degree or master's degree in any field from a regionally accredited college or university and a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program.

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/learning-sciences>

ED 118

GraduateEducation@asu.edu

602-543-6358

Learning, Literacies and Technologies, PHD (EDCIPHD)

Online Degree Search Title: Learning, Literacies and Technologies (PhD)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The PhD program in learning, literacies and technologies is designed to prepare scholars who will address socially significant educational programs and transform preK-20 educational programs through rigorous research and educational interventions. Graduates rely on transdisciplinary theoretical and methodological perspectives to engage, influence and transform educational institutions and their practices.

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.

Students will begin researching during their first semester and continue throughout the four-year program. A transdisciplinary team of scholars led by distinguished faculty will 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 the results.

Academic study and research in the learning, literacies and technologies program focuses on the nature of human learning and literacies across diverse learners and contexts, the use of technologies to support learning, the design of learning environments, and the conditions under which learning occurs.

As a future scholar, teacher educator or researcher, the student will develop areas of emphasis with their faculty advisor and doctoral committee members to work at the cutting edges of educational science, leading the way to innovation and exploration of new technologies and literacies for learning.

Students are expected to engage in the doctoral program on a full-time basis. Funding packages that include a competitive stipend, tuition remission and health insurance are available. These funding packages can be renewed each year, if students make satisfactory progress, for a total of four years. A limited number of additional awards will be available for outstanding candidates.

Degree Requirements: 85 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation.

Core courses (13)

Specialization courses (12)

Elective or research courses (12)

Dissertation (12)

Research (3)

Internship (3)

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- an online graduate admission application, including application fee
- GRE scores*
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- an academic writing sample
- curriculum vitae
- proof of English proficiency**

*There is no minimum requirement.

**An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/teacher-education-degree-programs/phd-edd/doctor-of-philosophy-in-learning-literacies-and-technologies>

ED 118

GraduateEducation@asu.edu

602-543-6358

Online Teaching for Grades K-12 (certificate), Certificate (TEEDTGRCT)

Online Degree Search Title: Online Teaching for Grades K-12 (Grad Certificate)

Campus: Tempe, Online

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral degree programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The goal of the program is to prepare current K-12 teachers to teach in online and blended learning environments and to become leaders in the development, implementation and evaluation of online and blended programs.

The program consists of online courses that address technological, pedagogical and content-related areas and includes field experience opportunities.

Graduates will be better able to help students understand how various topics within a subject area are effectively represented using technology and pedagogical strategies required to teach these concepts online.

The graduate certificate in online teaching for grades K-12 is open to all ASU graduate students irrespective of their major, however, students should have an interest or focus on educational technology as it applies to the K-12 classroom.

The graduate certificate can be completed within a two-year period along with a graduate degree or as a stand-alone certificate. This means that students can be enrolled in the graduate certificate and the Master of Education in educational technology at the same time, or they may complete the graduate certificate separately. Students intending to complete both the graduate certificate and the Master of Education program must be enrolled in both programs; a separate enrollment process for each program is required.

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 for this certificate program is an electronic portfolio that will be completed in EDT 580.

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English language proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants should have at least one year of K-12 classroom teaching experience and should be able to function successfully in an online environment.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton
Educational Leadership & Innovation, Division
<https://education.asu.edu/>
ED 118
GraduateEducation@asu.edu
602-543-6358

Physical Education, MPE (ECPHYEDMPE)

Online Degree Search Title: Physical Education - Polytechnic Campus (MPE)

Campus: Polytechnic

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

The MPE program offers three options for students interested in gaining knowledge of current curriculum and instructional and administrative practices and procedures in physical education. Emphasis is placed on improving instructional effectiveness and developing quality physical education programs in school settings as well as expanded physical activity programming beyond the physical education lessons within school environments. Students will 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. The Master of Physical Education degree program gives candidates the flexibility to design a plan of study that enhances their interests and professional specialization.

The Master of Physical Education pedagogy research track is appropriate for students interested in learning more about research on teaching in physical education settings. This track may be of interest to students who already have a teacher certificate in physical education and are interested in pursuing doctoral studies in the future.

The Master of Physical Education with a physical education endorsement (grades K-12) 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 track may be of interest to students with a teaching certificate in a different subject matter who are interested in a K-12 physical education endorsement.

The master's degree and Arizona certification in physical education program provide students with the course work and practical experiences necessary to become certified to teach physical education in the public schools. The program provides participants an institutional recommendation for an Arizona secondary education (grades 6-12) certification with a Physical Education endorsement (grades K-12) and the Master of Physical Education degree.

Degree Requirements: 33 credit hours including the required applied project course (PPE 593) and a written comprehensive exam.

The MPE degree has three tracks.

Physical Education K-12 Teaching Track:

core studies (24)
electives (6)
applied project (3)

Physical Education Pedagogy Research Track:

core studies (24)
electives (6)
applied project (3)

Physical Education Initial Teacher Certification track:

core studies (24)
electives (6)
applied project (3)
additional courses for certification

Admission Requirements:

Applicants to this program are required to meet the Division of Graduate Education standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- a personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency for applicants whose native language is not English (regardless of current residency)
- IVP Fingerprint Clearance Card issued by the State of Arizona

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-of-physical-education-mpe>

SANCA 331

GraduateEducation@asu.edu

480-727-1103

Secondary Education (Teacher Certification), MEd (TESCERTMED)

Online Degree Search Title: Secondary Education (Teacher Certification) (MEd)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's degree and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

This program is for those who want to become certified to teach grades 6-12 in the public schools and already have a bachelor's degree in any field and at least 24 college credits in math, science, English, history, political science, fine arts or foreign language.

Our secondary education program builds strong connections between theory and practice through quality classroom instruction paired with extensive clinical experiences.

Students gain a strong foundation in teaching and content knowledge from experts in the field of education. Mary Lou Fulton Teachers College faculty actively engage in the educational research community and embed this vital knowledge throughout the program. This connection further empowers our students to engage in their own research through the culminating action research applied project.

A series of clinical experiences or field placements are designed to assist our students in developing a thorough understanding of teaching and learning as they apply knowledge from their course work in varied school settings. Individualized guidance through our clinical framework provides our students with the support they need to be successful in today's rapidly evolving educational environment.

The MEd program in secondary education with teacher certification offers three options for students to earn a master's degree and Arizona teacher certification.

In the Masters and Arizona Certification (MAC) program, students take classes at an ASU campus two nights a week and are required to do a field experience one day per week for at least two semesters. During the last semester of the program, students complete a full-time student teaching experience in their content area.

The Induction, Master of Education and Arizona Certification (InMAC) program provides an alternative pathway to teacher certification for full-time teachers on a Teaching Intern Certificate. To qualify, individuals must secure a full-time teaching position. The InMAC program also features a partnership with Teach For America. Participants take classes one night per week.

The iTeachAZ Teacher Education for Arizona Math and Science program seeks to promote STEM (Science, Technology, Engineering, and Mathematics) learning within secondary schools. To apply, students must have at least 24 college credits in math, biology, chemistry, physics, or earth and space science. TEAMS students complete a year-long student teaching experience during the day and take course work both at the ASU Polytechnic campus and the Mesa Unified School District in the afternoon and evening hours.

Degree Requirements: 33 credit hours including the required applied project course (SED 593).

The MEd in secondary education requires an applied project, which is included in the student's plan of study and must be completed during student teaching or apprentice teaching.

Accelerated Degrees:

This degree is also offered as an accelerated 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. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

Applicants to this program are required to meet Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-secondary-education>

Special Education (Teacher Certification), MEd (TESECRTMED)

Online Degree Search Title: Special Education (Teacher Certification) (MEd)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. These master's and doctoral programs prepare graduates to thrive in their careers and take leadership positions in advancing the world's most important profession.

This program is for those seeking Arizona teacher certification in special education. The special education program builds strong connections between theory and practice through quality classroom instruction paired with extensive clinical experiences.

Students gain a strong foundation in teaching and content knowledge from experts in the field of education. Mary Lou Fulton Teachers College faculty actively engage in the educational research community and embed this vital knowledge throughout the program. This connection further empowers our students to engage in their own research through the culminating action research applied project.

A series of clinical experiences or field placements are designed to assist our students in developing a thorough understanding of teaching and learning as they apply knowledge from their course work in varied school settings. Individualized guidance through our clinical framework provides our students with the support they need to be successful in today's rapidly evolving educational environment.

The MEd program in special education with Arizona teacher certification offers two options for students to earn a master's degree and Arizona teacher certification.

In the master's and Arizona certification program, students take classes at an ASU campus two nights a week and are required to complete daytime field experiences for at least two semesters. During the last semester of the program, students complete a full-time split student teaching experience: half the semester in a special education classroom and the other half in an elementary classroom. Students in the MAC program receive dual Arizona teacher certification in the following teaching certificates: Mild-Moderate Disabilities Special Education, K-12 and Elementary Education, grades 1-8. The mild to moderate areas include forms of emotional behavioral, learning, and orthopedic disabilities as well as intellectual disabilities and other health impairments.

The induction, master's and Arizona certification program provides an alternative pathway to the Arizona teacher certification Mild-Moderate Disabilities Special Education, K-12, for full-time teachers on the teaching intern certificate. To qualify, individuals must secure a full-time teaching position. The InMAC program also features a partnership with Teach For America. Participants take classes one night per week.

Degree Requirements: 33 credit hours including the required applied project course (SPE 593).

Students must complete 33 credit hours and an applied project. The applied project is completed during the student teaching or apprentice teaching experience.

Admission Requirements:

Applicants to this program are required to meet Division of Graduate Education admission standards and submit the following:

- online graduate admission application, including application fee
- official transcripts showing a bachelor's degree conferred from a regionally accredited institution
- three letters of recommendation from individuals who can speak to the applicant's potential for success in a graduate program
- personal statement describing the applicant's interests and reason for seeking this degree
- resume
- proof of English proficiency*

*An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency.

GRE scores are not required for admission.

Applicants must fulfill the requirements of both the Division of Graduate Education and the Mary Lou Fulton Teachers College.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/masters-degree/master-education-special-education>

ED 118

GraduateEducation@asu.edu

602-543-6358

Technology for Teaching and Learning (certificate), Certificate (EDEDTTGRCT)

Online Degree Search Title: Technology for Teaching and Learning (Grad Certificate)

Campus: Tempe

Program Description:

The most innovative and effective educators stretch. They're relentless. They suspect that there's always a better way---and they find it. Those who attend graduate programs at ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that allows them to harness and create knowledge, mobilize people and take action to improve education. Our master's and doctoral programs prepare graduates to thrive in their careers and play a leadership role in advancing the world's most important profession.

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 will acquire the knowledge and skills needed to meet 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. All courses will be offered online and face-to-face. 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 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

Description:

The minor program 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, especially in Arizona.

Program Requirements:

Students will be required to complete 18 credit hours. Six credits will be from the required core list and the remaining 12 elective credit hours will be selected from the program prefix, AFR :

Required Core Course:

AFR 200 Introduction to Africana Studies, SB, G, H (3)

Elective Core Course: (3 credit hours; select one course)

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)

Elective Courses:

The remaining 12 credit hours will be completed by selecting courses not taken to fulfill the six required hours and will be selected from the program prefix AFR.

At least 12 of the 18 credit hours must be upper-division courses (300 level or higher). All courses must have a "C" (2.00 on a 4.00 scale) grade or higher. No course may be used to satisfy more than one requirement in the minor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation

<https://sst.clas.asu.edu/african-and-african-american-studies>

WILSN 125

SSTadvising@asu.edu

480-965-7682

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:

Eighteen credit hours are required.

Required courses:

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:

Three additional upper-division elective courses (minimum of nine credit hours) must be chosen in any combination from the two areas of emphasis in the major: legal, policy and community, and economic development; and arts, languages and cultures.

No pass/fail or credit/noncredit course work may be applied to the minor. A minimum of nine hours must be courses offered by the College of Liberal Arts and Sciences. Students must receive a minimum grade of "C" (2.00 on a scale of 4.00) for all courses in the minor and meet all course eligibility requirements.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
American Indian Studies Program
<https://americanindian.clas.asu.edu/>
DISCOVERY 356
AIS@asu.edu
480-727-7056

American Studies Minor (ASAMSMIN)

Campus: West

Description:

The American studies minor, offered by the School of Humanities, Arts, and Cultural Studies, gives students the opportunity to pursue an interest in the interdisciplinary study of American culture. This interdisciplinary minor is particularly appropriate for students majoring in one of the humanities or social sciences disciplines.

Program Requirements:

The American studies minor consists of 18 credit hours, 12 of which must be upper-division (300 or 400 level).

Core Requirements: (6 credit hours)

AMS 201 Introduction to American Studies, L (3)

HRC 200 Introduction to Social and Cultural Analysis (3)

Students must choose 12 credit hours of elective courses from the following list:

AMS 326 Popular Culture (3)
AMS 330 American Lives, HU, C (3)
AMS 334 Class in America (3)
AMS 335 American Biography (3)
AMS 336 The American Southwest in Literature and Film, L or HU, C (3)
AMS 353 African American Literature: Beginnings through the Harlem Renaissance, L or HU, C (3)
AMS 354 African American Literature: Harlem Renaissance to Present, L or HU, C (3)
AMS 412 Studies in American Politics and Law (3)
AMS 428 Chicano Cultures in the Southwest, SB (3)
AMS 450 Latina/os, Schooling, and Social Inequality (3)
ENG 337 Major American Novels, L or HU (3)
ENG 432 The American Renaissance, HU (3)
HST 320 US Urban History since 1850, SB, H (3)
HST 413 Contemporary America, L or SB, H (3)
REL 321 Religion in America, L or HU, C, H (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in American studies is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/american-studies-minor>
FAB N201
harcadvising@asu.edu
602-543-4444

Anthropology Minor (LAASBMIN)

Campus: Tempe, Online

Description:

The minor in anthropology provides students with a great deal of flexibility in selecting courses. The program has been designed to allow students to focus on areas within the discipline that articulate well with their major. All students interested in the anthropology minor are encouraged to discuss the options available with a School of Human Evolution and Social Change undergraduate advisor.

Program Requirements:

The anthropology minor requires a minimum of 18 credit hours.

Required introductory courses: (choose two)

ASB 102 Culture in a Globalizing World, SB, G (3)
ASB 222 Buried Cities and Lost Tribes, SB, G, H (3) or ASB 223 Aztecs, Incas and Mayas, HU or SB, G, H (3)
ASM 104 Bones, Stones and Human Evolution, SB or SG (4)

However, the particular introductory courses selected may limit the anthropology courses available in the upper division.

Twelve credit hours must be upper-division and represent at least two of the three subfields of anthropology.

The three subfields are:

- archaeology
- evolutionary anthropology
- sociocultural anthropology (with linguistics)

The courses chosen to represent two of the three subfields must be drawn from the distribution requirements of those two subfields. A listing of courses by subfield can be found at <https://shesc.asu.edu/content/scheduling-courses-curricula>. (<https://shesc.asu.edu/content/scheduling-courses-curricula>)

A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses taken for the minor in anthropology.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, 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:

Applied biological sciences offers rigorous and practical programs in applications of the biological sciences. 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, including:

BIO 181 General Biology I, SQ (4)
BIO 182 General Biology II, SG (4)

At least 15 hours must be selected with the approval of an advisor.

At least nine hours must be in upper-division courses offered by the applied biological sciences program.

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:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Psychology Minor (ECPSYMIN)

Campus: Polytechnic

Description:

Americans spend more than 54 percent of their waking hours at work. As a result, students who want to make a real impact on peoples' lives are beginning to use industrial and organizational psychology to focus on the psychology of work. Industrial and organizational psychology helps employers identify the right job candidates to hire, determine the best job fit for each worker, and design enjoyable and effective workplaces, taking into account work-life balance. Finally, one specialty, human factors, focuses on designing tools and products that are easy to use and that reduce human error.

In addition to a strong educational foundation in human learning, memory, emotion, judgment and social psychology that prepares students for employment or graduate school, students can choose to focus in two of the following five focus areas:

- consumer psychology
- human resources and organizational behavior
- human systems engineering
- learning technology
- user experience

Program Requirements:

This minor in applied psychology consists of 22 credit hours, including at least 12 upper-division courses. The following are required courses that must be completed with a grade of "C" (2.00) or higher:

Required Courses:

PSY 101 Introduction to Psychology, SB (3)

PSY 230 Introduction to Statistics, CS (3)

PSY 290 Research Methods, L or SG (4)

PSY 437 Human Factors, L (3) or HSE 325 Human-Computer Interaction (3) or PSY 440 Industrial/Organizational Psychology (3)

Electives:

additional hours of upper-division PSY courses (9)

A maximum of three credit hours from PSY 399, PSY 499 or PSY 492 may be used toward the minor requirements.

A minimum of three classes, including two at the upper-division level, must be taken in residence at ASU.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<http://poly.engineering.asu.edu/hse/industrial-and-organizational-psychology>
WANER 230
technology@asu.edu
480-727-1874

Arabic Studies Minor (LAARBMIN)

Campus: Tempe

Description:

The minor in Arabic studies provides students with instruction in Modern Standard Arabic as well as Arabic culture and literature. Students who successfully complete the prescribed course work of the Arabic minor are expected to be able to communicate effectively in Arabic and interact with native speakers of Arabic.

Students will be able to communicate in Arabic in the other two areas of language acquisition as well: reading and writing through reading authentic material in Arabic and writing paragraphs in Modern Standard Arabic.

Literature courses expand students' knowledge in Arabic, 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 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. Go to <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>) for more information.

Program Requirements:

The minor in Arabic studies requires 26 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:

ARB 201 Intermediate Arabic I, G (4)
ARB 202 Intermediate Arabic II, G (4)
ARB 311 Advanced Arabic Skills I (3)
ARB 331 Arabic/Islamic Culture and Literature (3)
ARB 341 Quran Text and Women (3)
ARB 351 Classical Arabic Literature (3)
ARB 411 Advanced Arabic Skills II (3)

Choose one upper-division course from the following:

ARB 321 Arabic Conversation I (3)
ARB 335 Arabic Culture and Islam, G (3)
ARB 336 Introduction to the Qur'an (3)
ARB 337 Hadith and Prophetic Tradition (3)
ARB 352 Modern Arabic Literature in Translation (3)
ARB 421 Arabic Conversation II (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)

Students must complete the sequence of elementary Arabic, ARB 101 and ARB 102, as prerequisite courses.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to add a minor in Arabic studies to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Architectural Studies Minor (ARSTDMIN)

Campus: Tempe

Description:

The architectural studies minor is available to nonarchitecture majors interested in this field who wish to pursue another major. The courses are designed to provide an overview of architecture throughout history while focusing on architectural design, with the intention to explore the process of design thinking.

Program Requirements:

A minimum of 18 credit hours (to include 12 credit hours of upper-division course work) are required for the minor.

Required Courses:

ALA 100 Introduction to Environmental Design, HU, G, H (3)
ALA 102 Landscapes and Sustainability, HU, 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)

Six additional upper-division credit hours of electives in the architectural history and theory concentration must be selected from the following list:

ANP 494 Special Topics (1-4)
APH 394 Special Topics (1-4)
APH 414 History of the City, L or HU, H (3)
APH 421 First Concepts: What is ... The Writing, Philosophy and Culture of Architecture, L or HU (3)
APH 441 Ancient Arch (3)
APH 494 Special Topics (1-4)
APH 499 Individualized Instruction (1-3)*
ARP 451 Architecture Field Studies (1-6)

*This course requires a petition to The Design School.

A minimum GPA of 2.50 in minor courses is required to earn the minor in architectural studies. In addition, students may not use a core course to count toward the minor. Students pursuing the BS in landscape architecture must petition the school to request a substitution for any core courses

that are also included in the architectural studies minor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://herbergerinstitute.asu.edu/degrees/>
CDN 162
herbergeradvising@asu.edu
480-965-3536

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 a broad chronological exposure to the history of art from diverse cultures, the minor strengthens academic preparation and provides students with many options to select courses based on their individual interests.

Program Requirements:

The School of Art offers a minor in art history consisting of 18 credit hours of course work, including 12 upper-division electives. A minimum grade of "C" (2.00) is required in all classes 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 the Tempe campus are required.

ARS 100 and ARS 300 may not be used toward an art history minor if the student is an art major or 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.

Required Courses

Select one of the two following pairs of courses:

ARS 101 Art from Prehistory Through Middle Ages, HU, H (3)
ARS 102 Art from Renaissance to Present, HU, H (3)

or

ARS 201 Art of Asia, HU, G, H (3)
ARS 202 Art of Africa, Oceania and the Americas, HU, G, H (3)

Elective Courses

Students pursuing an art history minor select four three-credit-hour, upper-division courses. A seminar is strongly recommended for those considering graduate study.

Students need to be aware of lower-division prerequisites for all upper-division courses. Interested students should contact the School of Art for specific requirements and admission procedures. Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor. Please contact the department for more information.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/arthistory/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Asian Languages (Chinese) Minor (LACHIMIN)

Campus: Tempe

Description:

Students pursuing a minor in Asian languages (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. See <https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>) for more information. Highly motivated students interested in learning Chinese to professional-level proficiency, while simultaneously pursuing the Asian languages (Chinese) minor and undergraduate major of their choice, are encouraged to apply to the Chinese Language Flagship Program: <https://international.clas.asu.edu/chineseflagship> (<https://international.clas.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.

Required Courses:

200-level Chinese (up to 6 credit hours)
CHI 301 Third-Year Chinese I, G (5)
CHI 302 Third-Year Chinese II, G (5)
300-level or 400-level CHI course work chosen in consultation with a School of International Letters and Cultures advisor (2)

Course substitutions are allowed for heritage and advanced speakers of the language.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to add a minor in Asian Languages (Chinese) to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Asian Languages (Japanese) Minor (LAJPNMIN)

Campus: Tempe

Description:

Students pursuing a minor in Asian languages (Japanese) gain 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. Go to <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.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.

Required Courses:

200-level JPN courses (up to 6 credit hours)
JPN 301 Third-Year Japanese I, G (3)
JPN 302 Third-Year Japanese II, G (3)
additional upper-division JPN courses chosen in consultation with a School of International Letters and Cultures advisor (6)

Course substitutions are allowed for heritage and advanced speakers of the language.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to add a minor in Asian Languages (Japanese) to the bachelor's degree program they are pursuing may do so by contacting the School of International Letters and Cultures advising office.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu

Asian Pacific American Studies Minor (LAAPAMIN)

Campus: Tempe

Description:

Asian Pacific American Studies gathers and develops research, scholarship and archival information on the long history and rich contemporary experiences, cultures and communities of Asian Pacific Americans in the Southwest. This minor will benefit students interested in careers serving and relating to the complex and rapidly changing Asian American and Pacific Islander population and other culturally diverse populations.

Program Requirements:

The minor in Asian Pacific American studies requires a total of 18 credit hours, including six hours of core courses and 12 elective hours selected from courses with the APA prefix.

Required Core Courses: (6)

APA 200 Introduction to Asian Pacific American Studies, HU or SB, C (3)

APA 360 Asian Pacific American Experience, HU or SB, C (3)

Elective Courses: (12)

The remaining 12 credit hours will be completed by selecting courses not taken to fulfill the six required hours and will be selected from any APA course.

Examples of APA electives include:

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, 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)*

*Note: One APA 360 course is required for the core; other sections may be repeated for credit with different topics.

- Asian Pacific American Psychology
- Chinese American
- Filipino American
- Japanese American
- Korean American
- Multiracial experiences
- Pacific Islander
- South Asian
- Southeast Asian American

APA 394 Special Topics (3) (may be repeated for credit with a different topic)

APA 450 Asian Pacific American Contemporary Issues, SB, C (3)

APA 484 Internship (3)

APA 494 Special Topics (3) (may be repeated for credit with a different topic)

APA 499 Individualized Instruction (1-3) (may be repeated for credit)

Other Requirements and Restrictions

- At least 12 of the 18 credit hours must be upper-division courses (300-level or higher).
- All courses for the minor must have a "C" grade (2.00 on a 4.00 scale) or higher.
- A minimum of nine credit hours must be taken in residency at ASU.
- No course may be used to satisfy more than one requirement in the minor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification

procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/asian-pacific-american-studies-minor>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Astronomy Minor (LAASTMIN)

Campus: Tempe

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 24 credit hours. At least 12 credit hours must be upper-division courses.

Required courses: (8)

AST 113 Astronomy Laboratory I, SQ (1)*

AST 114 Astronomy Laboratory II, SQ (1)*

AST 321 Introduction to Planetary and Stellar Astrophysics, SQ (3)*

AST 322 Introduction to Galactic and Extragalactic Astrophysics, SQ (3)*

Choose between the course combinations below:

PHY 150 Physics I, SQ (4) or PHY 121 University Physics I: Mechanics, SQ (3) and PHY 122 University Physics Laboratory, SQ (1)*

and

PHY 151 Physics II, SQ (4) or PHY 131 University Physics II: Electricity and Magnetism, SQ (3) and PHY 132 University Physics Laboratory II, SQ (1)*

or

PHY 252 Physics III, SQ (4)

Eight credit hours of electives are chosen with the approval of an advisor in the School of Earth and Space Exploration. Electives should consist of upper-division courses in physics and astronomy.

*In order to satisfy SQ natural science general studies requirements, both a lecture and its corresponding laboratory section must be completed.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

All students will be required to meet with an academic advisor in the School of Earth and Space Exploration to declare the minor and confirm that the requirements are being met. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor. The Degree Audit Reporting system will be used for tracking student progress and verifying completion of the minor.

Minimum Residency Requirement

Students must take at least 12 of the 24 units required for the minor at ASU and at least six of the upper-division hours must be taken from courses offered by the College of Liberal Arts and Sciences. Transfer course work must be evaluated by an advisor in the School of Earth and Space Exploration before it can be applied toward the minor requirements.

The College of Liberal Arts and Sciences and the School of Earth and Space Exploration must officially certify, through established verification procedures, that all requirements for the minor have been met. The college of the student's major allows recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Contact Information:

Liberal Arts & Sciences, 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 will acquire the ability to think critically about scientific problems, to reduce complex problems to their most important attributes, and to design experiments, observations and theoretical models to 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.

The following courses are required for the minor, adding up to 12 credit hours.

AST 321 Introduction to Planetary and Stellar Astrophysics, SQ (3)*
AST 322 Introduction to Galactic and Extragalactic Astrophysics, SQ (3)*
AST 421 Astrophysics I (3)
AST 422 Astrophysics II (3)

Students must also choose one of the following options for the additional eight credit hours:

Option 1:

SES 121 Earth, Solar System and Universe I, SQ (3)*
SES 122 Earth, Solar System and Universe II (3)
SES 123 Earth, Solar System and Universe Laboratory I, SQ (1)*
SES 124 Earth, Solar System and Universe Laboratory II (1)

Option 2:

AST 111 Introduction to Solar Systems Astronomy, SQ (3)*
AST 112 Introduction to Stars, Galaxies and Cosmology, SQ (3)*
AST 113 Astronomy Laboratory I, SQ (1)*
AST 114 Astronomy Laboratory II, SQ (1)*

Option 3:

At least eight credit hours of AST or SES upper-division electives; these may include (but are not limited to):

AST 494 Special Topics: Observing Instrumentation and Data Analysis (3)
SES 311 Essentials of Astrobiology: Exploration for Life in the Universe (3)

Courses required for the astrophysics minor may have additional prerequisites.

*In order to satisfy SQ natural science General Studies requirements, both a lecture and its corresponding laboratory section must be completed.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

All students will be required to meet with an academic advisor in the School of Earth and Space Exploration to declare the minor and confirm that the requirements are being met. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor. The Degree Audit Reporting system will be used for tracking student progress and verifying completion of the minor.

Minimum Residency Requirement:

Students must take at least 12 of the 20 units required for the minor at ASU and at least six of the upper-division hours must be taken from courses offered by the College of Liberal Arts and Sciences. Transfer course work must be evaluated by an advisor in the School of Earth and Space Exploration before it can be applied toward the minor requirements.

The College of Liberal Arts and Sciences and the School of Earth and Space Exploration must officially certify, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, 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

Description:

The biochemistry minor 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:

A minor in biochemistry is awarded to students who complete 28 credit hours in the following required courses:

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)
CHM 113 General Chemistry I, SQ (4)
CHM 116 General Chemistry 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)
CHM 238 General Organic Chemistry Laboratory II (1)

*Prerequisites for BCH 341 include CHM 114, 116 or 118 with "C" or better; CHM 231, 233 or 333 with "C" or better; MAT 251, 265 or 270 with "C" or better; and PHY 101, 112 or 131 with "C" or better.

A minimum grade of "C" (2.00 on a scale of 4.00) is required for each of the courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu/index.asp>
PSD 102
SMSadvising@asu.edu
480-965-3461

Biological Sciences Minor (LABIOMIN)

Campus: Tempe

Description:

Biological sciences 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 designed to provide students interested in the biological sciences with a flexible curriculum that can be tailored to their interests.

Program Requirements:

The minor consists of 24 credit hours, which can be taken in one of two options.

Option 1

BIO 281 Conceptual Approaches to Biology for Majors I, SQ (4)
BIO 282 Conceptual Approaches to Biology for Majors II (4)
BIO 340 General Genetics (4)
BIO 345 Evolution (3)

Option 2

BIO 281 Conceptual Approaches to Biology for Majors I, SQ (4)
BIO 282 Conceptual Approaches to Biology for Majors II (4)
BIO 340 General Genetics (4) or MBB 347 Molecular Genetics: From Genes to Proteins (4)
MIC 220 Biology of Microorganisms (3) and MIC 206 Microbiology Laboratory, SG (1)

The remaining hours are selected by the student with the approval of a School of Life Sciences advisor.

Notes:

- At least 12 hours must be upper-division courses in the life sciences and at least six upper-division hours taken in the College of Liberal Arts and Sciences.
- Courses which are not available for credit in the life sciences majors cannot be used for the minor (e.g., BIO 100 The Living World, BIO 201 Human Anatomy and Physiology I, and BIO 202 Human Anatomy and Physiology II).
- Internship courses cannot be used to fulfill the 24 credit hour requirement.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

This minor is not available to students majoring in the life sciences. Students in most majors may pursue at least one minor and upon successful completion of the prescribed course work have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 131
sols.advising@asu.edu
480-727-6277

Biology Minor (ASLSCMIN)

Campus: West

Description:

A minor in biology, offered by the School of Mathematical and Natural Sciences, 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 would provide a good background for someone who wanted to practice environmental law.

Program Requirements:

Required Courses:

BIO 181 General Biology I, SQ (4)
BIO 182 General Biology II, SG (4)
BIO 320 Fundamentals of Ecology (3)
BIO 353 Cell Biology (3)
BIO 354 Cell Biology Laboratory (1)
CHM 113 General Chemistry I, SQ (4)
CHM 116 General Chemistry II, SQ (4)
LSC 322 Fundamentals of Ecology Laboratory (1)
LSC 347 Fundamentals of Genetics (3)
LSC 348 Fundamentals of Genetics Laboratory (1)

To receive this minor, a grade of "C" or better is required in all courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in biology is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>
FAB N100
mnsadvising@asu.edu
602-543-6050

Business Minor (BABUSMIN)

Campus: Tempe, Online

Description:

A minor in business is available to students throughout the university 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 higher in each course. At least 12 credit hours must be taken at ASU.

Students may not double count any courses with other business certificates.

The upper-division courses specified for the minor will be restricted to students with 56 earned credit hours and a minimum 2.00 ASU cumulative GPA.

Business students are not eligible to apply for the minor. Economics majors must use ECN 212 in their degree and will take an additional elective to replace ECN 212 in the minor.

Required Courses:

ACC 382 Accounting and Financial Analysis (3)*
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)

Electives: (select one)

CIS 300 Web Design and Development (3)
CIS 394 Special Topics (3)
ECN 211 Macroeconomic Principles, SB (3)
FIN 331 Financial Markets and Institutions (3)
MKT 391 Essentials of Selling (3)
MKT 394 Special Topics (3)
MKT 395 Essentials of Advertising and Marketing Communication (3)
REA 380 Real Estate Fundamentals (3)
SCM 301 Introduction to Modern Global Supply Chain Management (3)
SCM 394 Special Topics (3)

*ACC 230 or ACC 231 will substitute for ACC 382.

Note: If a student has taken one of the approved courses above and it is not showing in the DARS audit, please email wpcareyug@asu.edu (mailto:wpcareyug@asu.edu) for assistance.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Application:

A student seeking the business minor must see an advisor in the student's major in order to add the minor to the student's degree audit (DARS).

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

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 in chemistry, offered by the School of Mathematical and Natural Sciences, gives students expanded proficiency in the area of chemistry. Many of the growing career fields, such as forensics, medicine and environmental quality, require a greater degree of chemistry than in the past. Therefore, students with a greater chemistry background will have a competitive advantage in these fields. The chemistry minor gives students more experience in the advanced and integrative fields of chemistry through additional biochemistry and analytical chemistry courses. The awarding of the chemistry minor highlights the students' expanded chemistry knowledge to future schools and employers.

Program Requirements:

The minor in chemistry consists of a minimum of 25 credit hours, of which nine credit hours must be taken in the life sciences department. Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor. Students may have to take additional prerequisites in order to enroll in BCH 371 and BCH 372.

Required Courses:

BCH 371 Modern Concepts in Biochemistry (3)
BCH 372 Modern Concepts in Laboratory (1)
CHM 113 General Chemistry I, SQ (4)
CHM 116 General Chemistry 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)
CHM 238 General Organic Chemistry Laboratory II (1)
LSC 375 Analytical Chemistry for Life Sciences (3)
LSC 376 Analytical Chemistry for Life Sciences Lab (2)

Enrollment Requirements:

The minor in chemistry is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school,

or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college, school or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>
FAB N100
mnsadvising@asu.edu
602-543-6050

Chemistry Minor (LACHMMIN)

Campus: Tempe

Description:

The chemistry minor 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:

A minor in chemistry is awarded to students who complete a minimum 28 credit hours. The following courses are required:

CHM 113 General Chemistry I, SQ (4)
CHM 116 General Chemistry 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)
CHM 238 General Organic Chemistry Laboratory II (1)
CHM 325 Analytical Chemistry (3)
CHM 326 Advanced Analytical Chemistry Laboratory (1)
Choose between the two combinations of courses: (8 credit hours)

BCH 361 Advanced Principles of Biochemistry (3)
BCH 367 Elementary Biochemistry Laboratory (1)
CHM 341 Elementary Physical Chemistry (3)
CHM 343 Elementary Physical Chemistry Laboratory (1)

--- or ---

CHM 345 Physical Chemistry I (3)
CHM 346 Physical Chemistry II (3)
CHM 348 Physical Chemistry Laboratory I, L (1)
CHM 349 Physical Chemistry Laboratory II, L (1)

A minimum grade of "C" (2.00 on a scale of 4.00) is required for each of the courses in the minor. Some courses require prerequisite work in calculus and physics.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification

procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu/index.asp>
PSD 102
SMSadvising@asu.edu
480-965-3461

Communication Minor (HSCMNMIN)

Campus: West

Description:

The minor in communication, offered by the School of Social and Behavioral Sciences, 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 consists of 18 credit hours of communication courses. Students wishing to pursue a minor must meet with an academic advisor to construct a set of courses that reflect a particular area of specialty and interest. At least 12 credit hours must come from upper-division courses and a maximum of six credit hours are allowed from lower-division course work. To graduate with the minor, students must earn a minimum cumulative GPA of 2.00 in communication courses. All courses must be passed with a minimum grade of "C" (2.00).

Required courses: (6 credit hours)

COM 100 Introduction to Human Communications, SB (3)

COM 225 Public Speaking, L (3)

COM elective courses (12 credit hours)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in communication is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering the minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD-305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>) for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>

FAB S105

SBSadvising@asu.edu

602-543-6058

Communication Minor (LACOMMIN)

Campus: Tempe

Description:

The minor in communication focuses on teaching students how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Our mission statement is "Through the study and critique of human communication, we generate knowledge, creativity and understanding to facilitate healthy relationships and workplaces, civil and secure communities, and constructive intercultural interaction."

Program Requirements:

The minor in communication consists of 18 credit hours:

COM 100 Introduction to Human Communication, SB (3)

COM 225 Public Speaking, L (3) or COM 259 Communication in Business and the Professions (3)

Two of the following courses:

COM 310 Relational Communication (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)

Two upper-division related courses in Global Studies, Asian Pacific American Studies, African and African American Studies, Transborder Chicana/o and Latina/o Studies or American Indian Studies (SGS, APA, AFR, TCL or AIS) (6)

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. No pass/fail, "Y" credit or credit/no-credit courses are allowed. Communication courses required for a student's major may not also count for the minor. All prerequisites and GPA requirements must be met. The "C" (2.00 on a 4.00 scale) minimum grade requirement must be met for each class.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation. The college or department of the minor must officially certify, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of

Hugh Downs School of Human Communication

<https://humancommunication.clas.asu.edu>

STAUF 412

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.

COM 100 Introduction to Human Communication, SB (3)

15 credit hours of COM prefix courses of which 12 must be upper-division

Six credit hours must be taken from COM courses offered by the College of Integrative Sciences and Arts.

Depending upon a student's program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<http://cisa.asu.edu>

AZCNTR 380

cisa@asu.edu

602-496-0623

Community Health Minor (NUCHLTMIN)

Campus: Downtown Phoenix, West

Description:

The minor in Community Health is designed for students who want to create healthy, sustainable communities with an emphasis on working with specific populations. Community health is a specialized field within public health and concentrates on the actions and conditions needed for the health and well-being of defined groups of people. Students will learn to work with teams in diverse settings to formulate research-based strategies that assist communities to make healthy and sustainable lifestyle choices.

Program Requirements:

Required Minor Courses (18 credits):

HCR 220 Introduction to Nursing and Health Care Systems (3) OR HCR 430 Foundation to Health Care Systems (3)

HCR 330 Fundamentals of Community Health (3)

HCR 331 Communication with Communities (3)

HCR 335 Program Development and Management for Community Health (3)

HCR 336 Environmental Community Health (3)

HCR 435 Leaders in Community Health

A "C" (2.00 on a 4.00 scale) or better is required in all minor courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor. A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
nursingandhealth@asu.edu
480-727-0888

Community Sports Management Minor (PPCSMMIN)

Campus: Downtown Phoenix

Description:

The community sports management minor focuses on the role that amateur and recreational sports play in a community. Emphasis is on the role of sports across the life span provided through sports organizations and programs that also support community development.

Program Requirements:

Students must complete the courses for the minor with a grade of "C" (scale is 4.00 = "A") or better.

Core Courses:

CSM 201 Introduction to Community Sports (3)
CSM 305 Sports Facility Operations and Management (3)
CSM 407 Ethics and Legal Issues in Sports (3)
PRM 315 Community Recreation Systems (3)

Students must select six credits of electives from the following:*

CSM 335 Sports and Recreation for Youth Development (3)
CSM 483 Sports Tourism (3)
CSM 485 Sports Events (3)
NLM 220 Introduction to Nonprofit Organizations (3)
NLM 310 Volunteer Management (3)
PRM 364 Foundations of Recreation Therapy, SB (3)

*other electives can be selected with advisor approval

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major

allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Computational Mathematical Sciences Minor (LACMSMIN)

Campus: Tempe

Description:

The computational mathematical sciences minor offers students a curriculum that includes computer science in addition to course work in mathematics.

Program Requirements:

The minor in computational mathematical sciences consists of a minimum of 18 credit hours. Required courses are the following, for a total of 18-20 credit hours:

MAT 266 Calculus for Engineers II, MA (3) or MAT 271 Calculus with Analytic Geometry II, MA (4)
MAT 267 Calculus for Engineers III, MA (3) or MAT 272 Calculus with Analytic Geometry III, MA (4)
MAT 342 Linear Algebra (3) 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 (3) or MAT 425 Numerical Analysis II, CS (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. Students should also consult with an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information and see <https://math.asu.edu/degree-programs/programs/undergraduate> (<https://math.asu.edu/degree-programs/programs/undergraduate>).

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/frontpage>
WXMLR 211
math@asu.edu
480-965-7195

Construction Management Minor (ESCMGMIN)

Campus: Tempe

Description:

This minor will be comprised of course work 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 will provide much needed supplementary knowledge for architects, engineers and business majors as well as students majoring in sustainability.

Program Requirements:

The minor requires 18 credit hours.

Core Required: (12 credit hours)

CON 244 Working Drawing Analysis (2)

CON 271 Construction Safety (3)

CON 383 Construction Estimating (4)

CON 453 Construction Project Management I (3) or CON 487 Heavy Construction Project Management (3)

Electives: (6 credit hours)

CON 252 Building Construction Methods, Materials and Equipment (3) or CON 243 Heavy Construction Equipment, Methods and Materials (3)

CON 448 Sustainable Construction (3)

CON 495 Construction Planning and Scheduling, CS (3)

CON 496 Construction Contract Administration, L (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of

School of Sustainable Engineering & Built Environment

<http://ssebe.engineering.asu.edu/>

CAVC 437

sebe.advising@asu.edu

480-965-0595

Criminology and Criminal Justice Minor (PPCRJMIN)

Campus: Downtown Phoenix, Online

Description:

The minor 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 minor 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 will be able to select electives to meet his or her specific interests. Criminal justice majors cannot earn a minor in criminal justice.

Program Requirements:

Students are required to:

- at minimum, be in junior standing to take upper-division courses
- complete CRJ 100 as the prerequisite for all upper-division CRJ courses
- complete a minimum of 18 credit hours of graded classroom and online course work (internship or independent study not applicable)
- complete a minimum of 12 credit hours of CRJ resident credit at ASU
- earn a grade of "C" (2.00 on a 4.00 scale) or higher for all classes in the minor
- meet with a criminal justice advisor prior to registration

Required core courses: (6 credit hours)

CRJ 100 Introduction to Criminal Justice, SB (3)

CRJ 225 Introduction to 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)

Electives: (6 credit hours)

Choose any two additional CRJ courses at the 300- or higher level

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Applicants are asked to please meet with a criminal justice advisor prior to registration.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<http://asuonline.asu.edu/request-info>)

Contact Information:

Public Service and Community Solutions, 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 School of Film, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop their creativity as artists, scholars and educators. The transdisciplinary 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 18 semester hours of course work, including 12 upper-division semester hours.

A minimum grade of "C" (2.00) or higher is required in all courses that fulfill the dance minor.

Dance Minor Requirements:

Choose one from the following courses, for a total of three credit hours:

DCE 100 Introduction to Dance, HU (3)

DCE 201 Dance, Culture and Global Contexts, HU (3)

Choose one from the following courses, for a total of three credit hours:

DCE 240 Media for Dance, CS (3)

DCE 300 Moving Histories, HU (3)

DCE 301 Meaning in Motion, L or HU (3)

DCE 350 Dance in the Classroom: Learning Through Movement, HU (3)

DCE 394/494 Special Topics*

DCE 402 Ethnography of Dance Practices, L (3)

Choose two from the following courses, for a total of four credit hours:

DCE 110 Argentine Tango I (2)

DCE 111 Raqs Sharqi 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 Ch'uan I (2)

DCE 117 Feldenkrais I (2)

DCE 118 Yoga/Pilates (2)

DCE 120 Modern Dance 1 (2)

DCE 121 Ballet I (2)

DCE 122 Jazz I (2)

DCE 123 Hip Hop I (2)

DCE 124 Latin/Swing/Ballroom I (2)

DCE 125 Latin/Salsa I (2)

DCE 126 Country-Western (2)

DCE 194/294 Special Topics*

DCE 210 Argentine Tango II (2)

DCE 211 Raqs Sharqi II (2)

DCE 216 T'ai Chi Ch'uan II (2)

DCE 220 Modern Dance II (2)

DCE 221 Ballet II (2)

DCE 222 Jazz II (2)

DCE 223 Hip Hop II (2)

DCE 224 Latin/Swing/Ballroom II (2)

DCE 225 Latin/Salsa II (2)

DCE 324 Latin/Swing/Ballroom III (2)

Choose eight hours of dance electives (to complete 18 hours overall); must include 12 upper-division hours.

*See an academic advisor for approved special topics courses.

Note: Students interested in enrolling in movement courses reserved for dance majors only must attend the course on the first day of class for placement and instructor permission. Dance major courses: DCE 133 Urban Movement Practices I (2), DCE 134 Postmodern Contemporary I (3), DCE 135 Contemporary Ballet I (2), DCE 136 Somatic Practices I (2).

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Design Studies Minor (ARDSNMIN)

Campus: Tempe

Description:

Students interested in design can earn a minor in design studies. This minor is a nonstudio-based program of study in design 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 BIS.

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 course work; the 18 credits may be chosen from any of the categories. 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. To pursue the minor in design studies, students must have a minimum cumulative GPA of 2.50.

Designated Courses for the Minor:

Architecture and Landscape Architecture

ALA 100 Introduction to Environmental Design, HU, G, H (3)

ALA 102 Landscapes and Sustainability, HU, 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)

APH 421 First Concepts: What is ... The Writing, Philosophy and Culture of Architecture, L or HU (3)

APH 494 Topic: Culture of Place in the Built Environment (3)

LPH 310 History of Landscape Architecture, HU, H (3)

LPH 311 20th-Century Landscape Architecture, HU (3)

Design

DSC 101 Design Awareness, HU, G (3)

DSC 194 Topic: Design Thinking (3)

DSC 394 Topic: Design Entrepreneurship and Society (3)

Graphic Design

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 345 Design Rhetoric, L (3)
GRA 401 Creative Environment (3)
GRA 440 Finding Purpose (3)

Industrial Design

IND 242 Materials and Design (3)
IND 243 Design for Ecology and Social Equity (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)
IND 470 Professional Practice for Industrial Design, L (3)

Interior Design

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)
INT 310 History of Interior Design I, HU, H (3)
INT 311 History of Interior Design II, HU, H (3)
INT 412 History of Decorative Arts in Interiors, HU (3)
INT 413 History of Textiles in Interior Design (3)
INT 415 Latin American Design (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<http://herbergerinstitute.asu.edu>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Digital Culture Minor (HIDGCMIN)

Campus: Tempe

Description:

The digital culture minor in the Herberger Institute for Design and the Arts focuses on the creative exploration of how new media is influencing our culture, or rather the way we live, learn, create and communicate. The digital culture minor 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 curriculum is outcomes-based rather than course sequence-based. The curriculum uses an innovative proficiency-based network to connect courses across academic disciplines, instead of traditional methods such as course prerequisites. Proficiencies in the curriculum identify common generalized learning outcomes across disciplines participating in the initiative.

Digital Culture alumni have received job opportunities in the following fields:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Program Requirements:

The digital culture minor requires 21 credit hours (12 upper-division) in four areas:

Capstone culminating project: (3)

AME 485: Digital Culture Capstone I (3)

Required digital culture studies: (9)

AME 111 Introduction to Digital Culture, CS (3)

AME 230 Programming for the Media Arts (3)

a third digital culture elective course chosen from the list

Digital media - media arts and design (6)

Historical/theoretical or related digital culture (3)

A student must have a minimum GPA of 2.50 to be eligible to pursue the minor. A minimum grade of a "C" (2.00 on a scale of 4.00) and an overall GPA of 3.00 is required in all classes for the minor. Courses for the minor may not be used as part of a major. A minimum of 12 upper-division semester hours of credit at ASU is required.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

There is no special application process for the digital culture minor.

Students add the minor by meeting with the academic advisor for their major. Students are also 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.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

https://herbergerinstitute.asu.edu/degrees/digital_culture/

STAUF B 217

herbergeradvising@asu.edu

480-965-9438

Early Childhood Education Minor (TEECEDMIN)

Campus:

Description:

A minor in early childhood education will allow students to combine their knowledge of their major discipline with an understanding of educational practices and issues. The ultimate goal of this minor is to produce graduates who are educated in their major field of study and who understand and appreciate education that positively impacts the community. The service learning experience embedded in this minor will enable students to apply

their knowledge and skills to meaningful service experiences in the community.

Program Requirements:

The minor in early childhood education requires the following courses, for 18 credit hours:

ECD 211 The Developing Child: Theory into Practice, Prenatal to Grade 3, SB (3)

ECD 220 Introduction to Nutrition, Health and Safety (2)

ECS 312 Social and Emotional Development of the Young Child, SB (3)

ECS 431 Family, Community and Professional Support Systems (3)

EDP 310 four one-hour electives in Educational Psychology for Non-Teachers, SB (4)

USL 210 Service Learning: Intro to Diverse Community Issues/410 Service Learning: Diverse Community Issues, L, C (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed to complete the requirements of this minor.

Enrollment Requirements:

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate-minors-and-certificates/early-childhood-education-minor>

ED 118

educationadvising@asu.edu

480-965-5555

Economics Minor (LAECNMIN)

Campus: Tempe

Description:

Students who pursue the minor in economics 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:

This minor (and BIS area of concentration) requires 18 credit hours of course work, which includes:

ECN 211 Macroeconomic Principles, SB (3)

ECN 212 Microeconomic Principles, SB (3)

twelve credit hours of ECN courses at the 300 level or above for which all prerequisites have been met

A grade of "C" (2.00 on a 4.00 scale) or higher is required for any course to satisfy minor requirements. Six credit hours of upper-division course work must be completed in courses offered by the W. P. Carey School of Business. Upper-division economics courses offered by W.P. Carey require prerequisites. In addition to ECN 211 and 212, students must complete MAT 210 and MAT 211 or MAT 270 and 271 prior to enrolling in ECN upper-division courses.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. Students should also consult with an academic advisor in the college or department of their major to make sure the college or department of their major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor.

Contact Information:

Liberal Arts & Sciences, College of
Economics Program in CLAS
<https://clas.asu.edu/node/400>
CPCOM 412
wpcareyecn@asu.edu
480-965-3531

Educational Studies Minor (TEEDSTMIN)

Campus:

Description:

The minor in educational studies is designed for students who want to work with children, youth or adults in educational settings that do not require traditional teacher certification. It provides foundational course work in the field of education that can be applied in a wide variety of learning environments (i.e., community settings, nonprofit, business and industry).

Students interested in career and technical education certificates can use the educational studies minor to meet course work requirements for the CTE certificate. Additional requirements for the CTE certificate, including work experience, are not included in the minor. Students interested in obtaining the CTE certificate should refer to the Arizona Department of Education website for further information.

Program Requirements:

The minor in educational studies requires a minimum of 18 credit hours, to include six lower-division credits and 12 upper-division credits from one of the following focus areas: learning and instruction, learning in the community, physical activity, or general overview of education.

Required lower-division course work (6 credit hours):

Required (one course from this list):

TEL 111 Exploration of Education, SB (3)
TEL 212 Understanding the Culturally Diverse Child, C (3)
SPE 222 Orientation to Education of Exceptional Children, SB, C (3)
BLE 220 Foundations of Structured English Immersion (3)

Required Service Learning:

USL 210 Service Learning: Intro to Diverse Community Issues, L, C (3)

Required upper-division course work (12 credits) from ONE focus area below:

Learning and Instruction

EDP 310 Educational Psychology, SB (3)
SED 494 Middle and Secondary School Principles, Curricula and Methods (3)
TEL 311 Instruction and Management in the Inclusive Classroom (3)
TEL 313 Educational Technology in the K-12 Curriculum (3)
Learning in the Community

EDP 310 or 311 Educational Psychology for Future Teachers (or Non-Teachers), SB (3)
SPF 301 Culture and Schooling, L (3)
TEL 430 Learning Outside of School (3)
TEL 431 Learning in Workplaces (3)

Physical Activity

PPE 335 Movement and Physiology Principles of Children and Youth in Physical Activity Environments (3)
PPE 340 Understanding Children in Physical Activity Environments (3)
PPE 345 Adolescents in Physical Activity Environments: Understanding and Practices (3)
PPE 351 Coaching of Children and Adolescents in Physical Activity Environments (3)

General Overview of Education

12 upper-division credits from any of these prefixes: BLE, ECD, ECS, EED, EDP, EDT, PPE, SED, TEL, SCN, SPE, SPF, USL

Depending upon a student's undergraduate program of study, prerequisites courses may be needed to complete the requirements of this minor.

Enrollment Requirements:

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate-minors-and-certificates/educational-studies-minor>

ED 118

educationadvising@asu.edu

480-965-5555

Engineering Management Minor (ESENMMIN)

Campus: Tempe, Online

Description:

The minor in engineering management is designed to provide the student with the skills for effective management and leadership of engineering-driven enterprises. The minor curriculum supplements the student's major by adding to the breadth of engineering science and design, and equips 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 graduate 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 program of study for a minor in engineering management requires a minimum of 18 credit hours. Note that industrial engineering or engineering management majors will NOT be eligible for the minor.

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. 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. The required core courses include:

IEE 220 Business and Industrial Engineering (3) or IEE 380 Probability and Statistics for Engineering Problem Solving, CS (3)*

IEE 300 Economic Analysis for Engineers (3)

IEE 431 Engineering Administration, L (3)

IEE 458 Project Management (3) (spring only) or CEE 481 Civil Engineering Project Management (3)**

*Students whose major requires IEE 380 Probability and Statistics for Engineering Problem Solving (3) will need to take IEE 220 Business and Industrial Engineering (3) for the engineering management minor.

**CEE 481 may not be used for both the civil engineering degree (major) and the engineering management minor.

The two elective courses must be selected from the following list:*

IEE 369 Work Analysis and Design, L (3) (spring only)

IEE 376 Operations Research Deterministic Techniques/Applications (3)

IEE 381 Lean Six Sigma Methodology (3)

IEE 412 Introduction to Financial Engineering (3) (fall only)

IEE 454 Risk Management (3) (fall only)

IEE 456 Introduction to Systems Engineering (3)

IEE 474 Quality Control (3) (fall only)

Depending upon a student's undergraduate program of study, prerequisite courses in order to complete the requirements of this minor.

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.

Interested students should consult with a CIDSE advisor to verify eligibility and to review all courses required for the minor. To schedule a CIDSE advising appointment, go to <https://fultonapps.asu.edu/advising> (<https://fultonapps.asu.edu/advising>).

Students interested in the engineering management minor should also consult with the advisor of the major to ensure recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
<http://cidse.engineering.asu.edu/forstudent/undergraduate/minor/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

English Minor (ASENGMIN)

Campus: West

Description:

The minor in English, offered by the School of Humanities, Arts and Cultural Studies, represents an ideal choice for students who enjoy English and desire to become a better writer, reader, and thinker. The program requirements ground the student in the basics of literary and cultural study, and then allow for a range of course offerings in creative writing, linguistics, rhetoric, literature, and technical and professional communication. 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 24 credit hours, of which 18 must be upper-division (300 or 400 level). Students must complete a minimum of six upper-division credit hours in courses offered by the New College of Interdisciplinary Arts and Sciences.

Required Core Course:

ENG 200 Critical Reading and Writing About Literature, L or HU (3)

Distribution Cluster Requirement:

Select one course from each distribution cluster. Fifteen credits are required, and at least two courses, for six upper-division credits, must be at the 400 level. Students may, once only, use one course to satisfy two distribution requirements:

Literature and Culture, Pre-1860

ENG 315 Medieval Literature in Translation, HU (3)

ENG 321 Shakespeare, L or HU (3)

ENG 328 The Novel to Jane Austen, HU and H (3)

ENG 353 African American Literature: Beginnings through Harlem Renaissance, L or HU and C (3)

ENG 415 Studies in Medieval Literature and Culture, HU (3)

ENG 416 Chaucer in Middle English, HU (3)

ENG 421 Studies in Shakespeare, HU (3)

ENG 423 Renaissance Drama, L or HU (3)

ENG 425 Studies in Romanticism, HU (3)

ENG 432 The American Renaissance, HU (3)

ENG 440 Studies in American Literature and Culture, HU (3)

Literature and Culture, Post-1860

ENG 334 The American Southwest in Literature and Film, L or HU and C (3)

ENG 354 African American Literature: Harlem Renaissance to Present, L or HU and C (3)

ENG 369 Science Fiction Studies (3)

ENG 386 American Gothic (3)

ENG 431 Whitman and Dickinson, HU (3)

ENG 437 American Novel, 1900-1960, L or HU (3)
ENG 438 American Novel Since 1960, L or HU (3)
ENG 440 Studies in American Literature and Culture, HU (3)
ENG 450 The British Novel, HU (3)
ENG 471 Literature for Young Adults, HU (3)
ENG 478 Studies in Modernism, L or HU (3)
ENG 479 Studies in Postmodernism, HU and G (3)

Transnational, Linguistic and Textual Circulation

ENG 317 Cross-Cultural Writing, L or HU and G (3)
ENG 333 American Ethnic Literature, L or HU and C (3)
ENG 363 Transborder Mexican and Chicano/a Literature of Southwest North America, L or HU and C (3)
ENG 379 Travel Writing, L (3)
ENG 394 or 494 Special Topics* (1-3)
ENG 413 History of English Language, HU (3)
ENG 462 Africana Literature, HU and G (3)
ENG 494 Reading England's Literary Landscapes 1 and 2 (6)
IAS 294 Global Cities (3) or SAO 394 Special Topics (1-4) or any 400-level Study Abroad Office (SAO) course

*If focused explicitly on issues of transnationalism and textual circulation

Identities, Communities and Social Practices

ENG 312 English in its Social Setting, L or HU or SB (3)
ENG 353 African American Literature: Beginnings through the Harlem Renaissance, L or HU and C (3)
ENG 394 or 494 Special Topics** (1-3)
ENG 400 History of Literary Theory, L or HU and H (3)
ENG 401 Studies in Critical Theory (3)
ENG 420 Multicultural Autobiographies, L or HU and C (3)
ENG 440 Studies in American Literature and Culture, HU (3)
ENG 454 Gender and Literature, L or HU (3)
ENG 460 Ethnic Women Writers (3)
ENG 461 Studies in Women and Literature, HU (3)
ENG 463 African American Literature (3)
ENG 479 Studies in Post Modernism, HU and G (3)

**If focused explicitly upon issues of identities, communities and social practices; including Studies in Forensic Linguistics

Theories and Practices of Writing

ENG 311 Persuasive Writing, L (3)
ENG 323 Rhetoric and Grammar, L (3)
ENG 335 American Poetry (3)
ENG 361 Scriptwriting (3)
ENG 379 Travel Writing, L (3)
ENG 387 Intermediate Creative Writing Workshop in Poetry (3)
ENG 388 Intermediate Creative Writing: Fiction (3)
ENG 410 Writing for Publication (3)
ENG 457 Studies in American Poetry, HU (3)
ENG 490 Literary Forms: Theory and Practice in Poetry (3)

Additional hours, to complete 24 credit hours, are electives chosen from program offerings. Eighteen credit hours overall must be upper-division.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to fulfill the requirements of this minor.

Enrollment Requirements:

The minor in English is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of

courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/english-minor>
FAB N201
harc sadvising@asu.edu
602-543-4444

English Minor (LAENGMIN)

Campus: Online

Description:

A minor in English provides students with preparation for any profession requiring strong analytical and communication skills, including careers 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.

The minor in English 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 24 credit hours. At least four courses (12 of the 24 hours) must be taken at the 300 or 400 level with the remaining nine credit hours to be completed with ENG 200-499 courses. A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses taken for the minor.

Required:

ENG 200 Critical Reading and Writing About Literature, L or HU (3)

To complete the 24 credit hours, students choose 21 credit hours in electives from among the department's offerings, including:

a minimum of six credits in ENG courses at the 300 level

a minimum of six credits in ENG courses at the 400 level

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://asuonline.asu.edu>
LL 542
englishadvising@asu.edu
480-965-3168

English Minor (LSENGMIN)

Campus: Polytechnic

Description:

The minor in English focuses on effective writing, critical thinking and sophisticated reading of literary and nonliterary texts.

Program Requirements:

The English minor consists of 24 credit hours, including:

ENG 200 Critical Reading and Writing About Literature, L or HU (3)

A minimum of 12 upper-division credit hours, of which six credit hours must be taken through the College of Integrative Sciences and Arts.

All course work for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Please contact the College of Integrative Sciences and Arts for details.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

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.

Program Requirements:

The minor in English with a focus in linguistics consists of 24 credit hours. A minimum of 12 upper-division credits are required, with at least six of these credits from courses offered by the College of Liberal Arts and Sciences.

Required core courses: (18 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)

choose one of the following:

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)

*The following may be substituted with approval of the advisor: ASB 480 Principles of Linguistics (3) or SLC 201 Introduction to Linguistics, HU or SB (3).

Electives: (6 credit hours)

Electives are chosen from the department's offerings, with at least one course (three credit hours) required at the 300 or 400 level.

A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses for the minor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu>
LL 542
englishadvising@asu.edu
480-965-3168

English (Literature) Minor (LAENGMINT)

Campus: Tempe

Description:

Students pursuing a minor in English with a focus in literature study British, American and global literatures in English, from the earliest writings to the present.

Program Requirements:

The minor in English with a focus in literature consists of 24 credit hours. At least 12 hours must be completed at the upper-division level, with a minimum of six upper-division credits 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 core course: (3 credit hours)

ENG 200 Critical Reading and Writing About Literature, L or HU (3)

Students must complete one course from three of the following distribution areas. At least one of these three distribution area courses must be a 400-level course. (9 credit hours)

- literary theory and transdisciplinary studies
- literature and culture after 1800
- literature and culture before 1800
- transnational, postcolonial and global literatures

Elective courses: (12 credit hours)

To complete the 24 credit hours, students choose electives from among the department's offerings.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<http://english.clas.asu.edu>
LL 542
englishadvising@asu.edu
480-965-3168

Environmental and Resource Management Minor (ESERMMIN)

Campus: Polytechnic

Description:

The minor 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, solid and hazardous waste management, as well as remediation technologies for polluted soils, groundwater and air. It applies basic science and engineering principles to solving problems that significantly impact human health and ecosystems. The environmental and resource management minor 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 and the law.

Program Requirements:

The minor requires completion of four core courses (12 credit hours) and one elective course (three credit hours) for a total of 15 credit hours. At least 12 credit hours must be completed in residency at ASU.

The following are required courses that must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher:

- ERM 201 Environmental Management (3)
- ERM 203 Environmental Regulations (3)
- ERM 302 Water and Wastewater Treatment Technology (3)
- ERM 402 Unit Treatment Technologies (3)

An elective course must be selected from the following list:

- ERM 401 Hazardous Waste Management (3)
- ERM 406 Environmental Chemistry (3)
- ERM 407 Occupational Hygiene (3)

ERM 428 International Environmental Management, G (3)
ERM 432 Sustainable Solid Waste Management (3)
ERM 494 Special Topics: Environmental Management Leadership (3)

Depending upon the student's program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students currently enrolled in the Environmental and Resource Management BS degree program are not eligible to pursue the environmental and resource management minor. Students will need to have a minimum GPA of 2.00 (scale is 4.00 = "A") and have at least sophomore status. Interested 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, go to <https://fultonapps.asu.edu/advising> (<https://fultonapps.asu.edu/advising>).

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Environmental and Resource Management
<http://poly.engineering.asu.edu/ERM>
TECH 134
technology@asu.edu
480-727-1499

Ethnic Studies Minor (ASETHMIN)

Campus: West

Description:

The minor in ethnic studies, offered by the School of Humanities, Arts, and Cultural Studies, introduces a general conceptual framework regarding race and ethnicity and how these intersect in the construction of social formations.

Program Requirements:

The minor consists of 18 credit hours, 12 of which must be at the upper-division level. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline. Up to three credit hours of individualized instruction may be applied toward the minor. All courses must be passed with a minimum grade of "C" (2.00).

Core requirements: (6 credit hours)

ETH 100 Ethnic and Indigenous Lives, SB, C (3)
HRC 200 Introduction to Social and Critical Analysis (3)

Ethnic studies elective course work: (12 credit hours)

These courses must be chosen from the approved ethnic studies course list in consultation with the ethnic studies advisor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in ethnic studies is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor.

Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/ethnic-studies-minor>
FAB N201
harc sadvising@asu.edu
602-543-4444

Family and Human Development Minor (LAFASMIN)

Campus: Tempe, Online

Description:

A minor in family and human development from the T. Denny Sanford School of Social and Family Dynamics exposes students to the basic course work and issues within the discipline. This program provides an exceptional balance to studies in psychology, communication, education, business or nursing.

Program Requirements:

The minor in family and human development consists of 18 credit hours in which students specialize in family studies or child development. At least 12 of the 18 credit hours must be in upper-division courses.

Students take the following required courses: (9 credit hours)

CDE 232 Human Development, SB (3)
FAS 101 Personal Growth in Human Relationships, SB (3)
FAS 370 Family Ethnic and Cultural Diversity, SB, C (3)

Three courses must be selected from the following and at least one course must be a CDE course: (9 credit hours)

CDE 312 Adolescence, SB (3)
CDE 337 Early Childhood Intervention (3)
CDE 430 Infant/Toddler Development in the Family, SB (3)
CDE 498 Pro-Seminar (3) or FAS 498 Pro-Seminar (3)
FAS 301 Introduction to Parenting (3)
FAS 331 Marriage and Family Relationships, SB (3)
FAS 332 Human Sexuality, SB (3)
SOC 418 Aging and the Life Course, SB, H (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
SS 144
email@thesanfordschool.org
480-965-6978

Film and Media Production Minor (FAFMPMIN)

Campus: Tempe

Description:

Students pursuing the film minor will study the basic production processes of film while exploring its history and contemporary social issues.

Program Requirements:

The school offers a minor in film and media production, consisting of 18 credit hours of course work. 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.

The following courses are required, for a total of 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 300 Focus on Film: Film Production for Nonmajors (3)

THE 403 Independent Film, HU (3)

*Students considering a minor in theatre concurrently must complete an additional course in theatre or film to make up for the overlapping FMP 201 course.

Also required are six credit hours of upper-division electives related to film and media production. Choose from courses with the FMP, THP or THE prefix. Contact the school for options and course requirements.

Courses ordinarily limited to majors only are available to minors on a second-priority basis; that is, minors may not register for these courses early, but are allowed to register after all major students' needs have been met.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.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 select to study a range of courses that emphasize media and society, media industries, styles and genres and screenwriting.

Program Requirements:

The film and media studies minor consists of 18 credit hours. Of the 18 credit hours, 12 credit hours must be upper-division courses.

Required courses include:

- FMS 100 Introduction to Film, HU (3)
- FMS 200 Film History, L or HU, H (3)
- FMS 300 Television and Cultural Studies, L or HU (3)
- three FMS upper-division elective courses (9)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have the accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering the minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allow the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/259>
LL 542
englishadvising@asu.edu
480-965-3168

Food and Nutrition Management Minor (ECFNTRMIN)

Campus: Downtown Phoenix

Description:

This minor is available to any ASU student interested in developing a greater understanding of nutrition, the food industry and food service operations.

Program Requirements:

The minor requires students to take the following courses, for a total of 18 credit hours. A minimum grade of "C" (2.00 on a 4.00 scale) is required for each course.

- NTR 100 Introductory Nutrition (3) or NTR 241 Human Nutrition (3)
- NTR 142 Applied Food Principles (3)
- NTR 300 Computer Applications in Nutrition (3)
- NTR 343 Food Service Purchasing (3)
- NTR 344 Nutrition Management and Leadership, L (3)
- NTR 445 Management of Food Service Systems (3)

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:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
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, go to <https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Program Requirements:

The French minor requires 18 upper-division credit hours. Required courses include:

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 Literature, L or HU, H (3) or FRE 322 French Literature, L or HU (3)

Six credit hours of upper-division French courses with at least three credit hours from the 400 level are also required.

Course substitutions are allowed for heritage and advanced speakers of the language.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

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.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Geography Minor (LAGCUMIN)

Campus: Tempe

Description:

The minor in geography enables students to be as broad or specific in their geographic education as they wish. Beyond the two required lower-division courses, at least four upper-division courses in geography must be completed.

Program Requirements:

A minor in geography is awarded to students who complete a minimum of 18 credit hours in geography, of which at least 12 credit hours must be upper-division. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses in the minor. The following lower-division courses are required:

GCU 102 Introduction to Human Geography, SB, G (3) or GCU 121 World Geography, SB, G (4)
GPH 111 Introduction to Physical Geography, SQ (4) or GPH 211 Landform Processes, SQ (4)

The remaining 12 credit hours will be upper-division courses selected from the GCU or GPH prefixes.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in geography is open to all students at ASU, except for those majoring in geography.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/>
COOR 5671
geoplan@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 a minimum of 21 credit hours, at least thirteen credit hours of which must be completed at the upper-division level.

The following courses are required for the minor, adding up to 15 credit hours:

GLG 101 Introduction to Geology I (Physical), SQ (3)*
GLG 102 Introduction to Geology II (Historical), SG, H (3)**
GLG 103 Introduction to Geology I - Laboratory, SQ (1)*
GLG 104 Introduction to Geology II - Laboratory, SG (1)**
GLG 310 Structural Geology (3)
GLG 321 Mineralogy (3-4)
GLG 400 Earth and Space Exploration Colloquium (1)

*Both GLG 101 and 103 must be taken to secure SQ credit.

**Both GLG 102 and 104 must be taken to secure SG credit.

The remaining six credit hours of electives must be upper-division GLG courses, except GLG 300 and 400. In some cases, 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.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

All students will be required to meet with an academic advisor in the School of Earth and Space Exploration to declare the minor and confirm that the requirements are being met. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor. The Degree Audit Reporting system will be used for tracking student progress and verifying completion of the minor.

Minimum Residency Requirement

Students must take at least 12 of the 21 units required for the minor at ASU and at least six of the upper-division hours must be taken from courses offered by the College of Liberal Arts and Sciences. Transfer course work not awarded a direct equivalency in the Transfer Credit Guide must be evaluated by an advisor in the School of Earth and Space Exploration before it can be applied toward the minor requirements.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, 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. Go to <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>) for more information.

Program Requirements:

The German minor requires 18 hours, 15 of which must be upper-division. Course substitutions are allowed for heritage and advanced speakers of the language.

Required courses include:

GER 310 Advanced German Grammar and Composition I, G (3)

Choose two courses: (6 credit hours)

GER 311 German Conversation, G (3)

GER 312 Readings in German Culture, G (3)

GER 313 Advanced German Grammar and Composition II, G (3)

Choose one 400-level GER course (3 credit hours)

Choose two GER elective courses (6 credit hours)*

*A maximum of three credit hours are allowed from GER 202.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this minor.

Enrollment Requirements:

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.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad/minor-certs>

LL 440

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 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 is comprised of 18 credit hours, with a minimum of 12 credit hours being upper-division.

Students must complete the following required courses:

ASB 100/SSH 100 Introduction to Global Health, SB, G (3)

SSH 403 Cross-Cultural Studies in Global Health, L or SB, G (6) or other approved global health study abroad (summer session, six credits minimum)

Three upper-division global health core courses (nine credit hours) chosen from:

- ASB 300 Food and Culture, L or SB, C (3)
- ASB 327 Disaster!, L or SB, C (3)
- ASB 355 Traditional Medicine and Healing, HU or SB (3)
- ASB 370 Production, People, and Environments, L or SB (3)
- ASB 462 Medical Anthropology: Culture and Health, SB, C (3)
- ASM 345 Disease and Human Evolution (3)
- ASM 401 Health and Human Biology (3-4)
- ASM 414 Urban and Environmental Health, SB (3)
- SSH 301 Global History of Health, SB, G, H (3)

For additional core course options students may refer to the global health course lists found here: <https://shesc.asu.edu/content/scheduling-courses-curricula> (<https://shesc.asu.edu/content/scheduling-courses-curricula>).

Students in the ASU Online minor complete the same required courses and choose three upper-division global health core courses (nine credit hours) from the list below.

- ASB 300 Food and Culture, L or SB, C (3)
- ASB 327 Disaster!, L or SB, C (3)
- ASB 462 Medical Anthropology: Culture and Health, SB and C (3)
- ASM 345 Disease and Human Evolution (3)
- ASM 414 Urban and Environmental Health, SB (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students must speak with an advisor in the School of Human Evolution and Social Change to declare a minor.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, 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

Description:

The minor in global studies offers students, from a transdisciplinary perspective, exposure to global processes and institutions. The minor 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 in global studies courses, 12 credit hours of which must be upper-division courses. Students who minor in global studies must complete two required courses:

SGS 101 Thinking Globally: The Individual and Authority, SB (3) or SGS 301 Principles of Global Studies (3) (but not both courses)
SGS 303 Global Trends, SB (3)

The remaining 12 credit hours must be chosen among global studies electives with an SGS prefix. Courses that count toward the minor must have a grade of "C" (2.00 on a 4.00 scale) or higher. A maximum of three credit hours of SGS 484 Internship or three credit hours of SGS 499 Individualized Instruction may be applied to the minor. A minimum of six upper-division credit hours must be taken in courses offered by the College of Liberal Arts and Sciences.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to pursue a minor in global studies may do so with the permission of the department, school or college of their major as well as the advisor in the School of Politics and Global Studies. An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
COOR 6797
spgs@asu.edu
480-965-8563

Health Care Compliance and Regulations Minor (NUHCCRMIN)

Campus: Downtown Phoenix, West

Description:

A minor in health care compliance and regulations will allow students to combine the knowledge of their major discipline with the foundational and advanced knowledge required to support regulatory compliance in a health care environment. The minor integrates best practices from business, regulatory, ethics and engineering fields as well as the medical industry to enhance students' major discipline with a focus on regulatory and ethical compliance in the health care industry.

Program Requirements:

This minor requires 18 credit hours selected from the following courses:

HCR 260 Health Care Industry and Regulation (3)

HCR 261 Health Care Compliance (3)

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)

HCR 461 Corrective and Preventative Action Plans (3)

A "C" (2.00 on a 4.00 scale) or better is required in all required courses.

Students pursuing the minor may seek advising on minor requirements through advisors in the College of Nursing and Health Innovation.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students must have a minimum of a 2.00 GPA (on a 4.00 scale) to select this minor.

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor. A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
nursingandhealth@asu.edu
602-496-0888

Health Care Coordination Minor (NUHCCOMIN)

Campus: Downtown Phoenix, West

Description:

A minor in health care coordination will allow students to combine the knowledge of their major discipline with the foundational and advanced concepts of health care coordination. This innovative program will prepare graduates to effectively coordinate resources to optimize health outcomes for individuals and families. Students completing this minor will have the knowledge to navigate the health care system and assist in the coordination of health care for individuals and families.

Program Requirements:

The following courses are required:

HCR 220 Introduction to Nursing and Health Care Systems (3)

HCR 302 Social Determinants of Health (3)

HCR 320 Foundational Concepts for Health Care Coordination (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)

A "C" (2.00 on a 4.00 scale) or better is required in all required courses.

Students pursuing the minor may seek advising on minor requirements through advisors in the College of Nursing and Health Innovation.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students must have a minimum of a 2.00 GPA (on a 4.00 scale) to select this minor.

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor. A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
nursingandhealth@asu.edu
602-496-0888

History Minor (ASHISMIN)

Campus: West

Description:

The minor in history, offered by the School of Humanities, Arts and Cultural Studies, educates students in the use of basic tools and methods 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.

Program Requirements:

The minor in history consists of 18 credit hours in history, with a grade of "C" (2.00) or higher, of which 12 credit hours must be upper-division (300 or 400 level). Students must complete a minimum of six upper-division credit hours in courses offered by the New College of Interdisciplinary Arts and Sciences.

Choose one of the following combinations: (6 credit hours)

HST 100 Global History to 1500, HU, H, G (3) and HST 101 Global History since 1500, HU, H, G (3)

or

HST 109 United States to 1865, HU or SB, H (3) and HST 110 United States since 1865, SB, H (3)

or choose two of three offered:

HST 102 Western Civilization: Ancient and Medieval Europe, SB, H (3)

HST 103 Western Civilization: Renaissance to Enlightenment, HU or SB, H (3)

HST 104 Western Civilization: French Revolution to European Union, HU or SB, G, H (3)

Methods Course: (3 credit hours)

HST 495 Methods of Historical Inquiry, L (3)

History upper-division electives (9 credit hours)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/history-minor>
FAB N201
harc sadvising@asu.edu
602-543-4444

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 school covers the history of Europe, the U.S., Asia, Latin America and Africa, and courses are designed to give students both breadth and depth in understanding today's complex world.

Program Requirements:

The history minor consists of 18 credit hours of course work, at least 12 credit hours of which must be in upper-division course work.

On-campus students earning a minor in history must complete one 12-credit-hour HST geographic concentration (United States, Europe, Asia or Latin America). This option includes in-person classes and iCourses.

ASU Online students earning a history minor must complete a minimum of 12 credit hours in U.S. history courses.

The School of Historical, Philosophical and Religious Studies requires a grade of at least "C" (2.00 on a 4.00 scale) in all courses in the minor. A minimum of six upper-division hours in the minor must be taken from courses offered by the College of Liberal Arts and Sciences.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation providing the college (and in certain colleges, the academic unit) of their major allows the official recognition of the minor and the academic unit of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. Students should also consult with an academic advisor in the college or department of their majors to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/minors>
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 and related fields.

Program Requirements:

The history minor consists of 18 credit hours of HST courses including a minimum of 12 upper-division hours, of which six credit hours must be taken through the College of Integrative Sciences and Arts.

All course work for the minor must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Human Nutrition Minor (ECNTRMIN)

Campus: Downtown Phoenix

Description:

This minor program is available to any ASU student interested in a strong scientific understanding of human nutrition.

Program Requirements:

The minor requires students to take the following courses, for a total 19 credit hours. All courses in the minor require a minimum grade of "C" (2.00 on a 4.00 scale) or higher.

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 (4)

Additional prerequisite requirements: CHM 101 or 113, BIO 201, BIO 202 and BCH 361

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Human Systems Engineering Minor (ESHSEMIN)

Campus: Polytechnic

Description:

The minor in human systems engineering provides students with the theoretical background and methodological skills to consider human capabilities and limitations when designing and building technology and systems for humans. Human systems engineering is a unique blend of psychology and engineering offered by psychologists in an engineering college. By extending psychology (cognitive, physiological, perceptual, social, organizational) to engineering applications, the minor will produce students familiar with the science of human cognition and behavior, and students will be capable of understanding the implications of this science for engineering endeavors.

Human systems engineering skills are increasingly valued by industry, yet are not typically covered in traditional psychology programs. Students with a major or a minor in human systems engineering will enhance their employment potential.

Program Requirements:

The minor requires 21 credit hours.

Required Minor Courses (18):

EGR 103/HSE 101 Introduction to Human Systems Engineering (3)
EGR/HSE 225 Human Systems Integration (3)
EGR/HSE 230 Human Systems and Statistics I (3)
EGR/HSE 290 Experimental Research Methods in Human Systems Engineering (3)
EGR/HSE 323 Perception and Human Systems or EGR 322/HSE 324 Cognition and Human Systems (3)
PSY 438 Human-Computer Interaction (3)

Elective Courses (3):

EGR 422/HSE 425 Human Medical Systems (3) or EGR/HSE 429 Product Design and Evaluation (3)
EGR/HSE 424 Human Automation Interaction (3) or EGR/HSE 428 Judgment and Decision Making in Human Systems (3)
HSE 422/PSY 449 Human Factors in Sports (3)
HSE 423/PSY 448 Human Factors in Transportation (3)
HSE 426/PSY 439 Training and Skill Acquisition (3) or EGR 472/HSE 427 Learning and Human Systems Engineering (3)

Total required credit hours: 21

All required minor courses must be passed with a "C" (2.00 on a 4.00 scale) or better.

Enrollment Requirements:

To add the minor in human systems engineering, a student must be in junior status and have at least a 2.00 cumulative GPA.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<https://poly.engineering.asu.edu/hse/>
WANER 240J
technology@asu.edu
480-727-1874

Innovation in Society Minor (FIFISMIN)

Campus: Tempe

Description:

A minor in innovation in society provides students with an understanding of how new and emerging technologies can connect with the social needs and values of our communities to provide the best possible local and global futures. The minor program is intended to equip students with tools and concepts from the social sciences, humanities, natural sciences, and engineering in order to prepare to build more inclusive futures. It will enable students to understand the broader context of their major and help them to bridge those studies with other disciplines to develop more encompassing solutions to important problems.

Program Requirements:

This minor is comprised of 15 credit hours.

In order to complete the minor in innovation in society, students will have to successfully complete three core courses.

Core (9 credit hours):

FIS 111 Welcome to the Future (3)

FIS 201 Innovation in Society (3)

FIS 305 Ways of Knowing (3)

Additionally students must take six credit hours from the following list of FIS electives:

FIS 307 Navigating Futures (3)

FIS 308 Politics, Markets and Innovation (3)

FIS 331 Technology and the Modern World (3)

FIS 332 Risk and the Future (3)

FIS 333 Governing Emerging Technologies (3)

FIS 334 Science, Technology and Inequality (3)

FIS 335 Designing Knowledge (3)

FIS 336 Science & Technology Policy (3)

FIS 337 Innovation and Global Development (3)

FIS 431 Technology, Security and Insecurity in Global Politics (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDSB 366
sfisadvising@asu.edu
480-727-8787

Integrative Health Minor (NUIHLTMIN)

Campus: Downtown Phoenix, West

Description:

The integrative health minor program provides students with the foundational knowledge to approach health from a holistic perspective that focuses on the mind, body and spirit. The minor program will provide an overview of holistic approaches, as well as emphasize research, evidence-based approaches and the legal, ethical, historical and cultural foundations of integrative health care.

Program Requirements:

Required Courses: (15 credit hours)

HCR 340 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)

Electives: (3 - 4 credit hours)

BIO or CHM -- Any CHM or BIO course (3-4)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

A "C" (2.00 on a 4.00 scale) or better is required in all required courses. Students pursuing the minor may seek advising on minor requirements through advisors in the College of Nursing and Health Innovation.

Enrollment Requirements:

Students must have a minimum of a 2.00 GPA (on a 4.00 scale) to select this minor.

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor. A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken

as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
nursingandhealth@asu.edu
602-496-0888

Interdisciplinary Organizational Studies Minor (ASIOSMIN)

Campus: West

Description:

The minor in interdisciplinary organizational studies, offered by the School of Social and Behavioral Studies, is designed to increase understanding of the behavior and the dynamics of individual, group and organizational processes 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 course work that matches their career and educational goals.

Program Requirements:

This minor consists of 21 credit hours, of which 18 must be upper-division course work.

Required Courses (6)

PSY 453 Organizational Behavior, SB (3)

Research methods course (3)*

Cluster 1: Courses Focused on Organizations

Choose four courses from the following list, for a total of 12 credit hours:

COM 320 Communication and Consumerism, SB (3)

COM 400 Communication in Professions Topic: Dissent in Organizations HU, C (3)

COM 450 Theory and Research in 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 Internship (3) or COM 484 Internship (3) or SOC 484 (or others) Internship (3)

SOC 443 Sociology of Corporations, SB, G (3)

The internship site must be approved by the SBS advisor.

Cluster 2: Courses Focused on Diversity Within Organizations

Choose one from the following courses for a total of three credit hours:

COM 463 Intercultural Communication Theory and Research, SB, G (3)

POS 437 Women, Power and Politics, G (3)

SOC 270 Racial and Ethnic Relations, SB, C (3)

SOC 400 Perspectives on Aging, SB (3)

SOC 426 Social Inequality, SB (3)

*SBS advisor's approval is required.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in interdisciplinary organizational studies is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for

the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>) for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/sbs/degrees/IOS-courses-minor>
FAB S105
SBSadvising@asu.edu
602-543-6058

Interior Design History Minor (ARINTMIN)

Campus: Tempe

Description:

The minor in interior design history is available to students interested in design and culture. The courses designated for the minor are part of the professional studies in interior design environments and serve to inform students about the evolution of interiors, furnishings and decorative arts from ancient Egypt to the present. They introduce theories informing the profession of interior design. They examine cultures from around the globe, as they influence human needs and behaviors in the living and working environment.

Program Requirements:

A minimum of 18 credit hours (12 credit hours of which must be from the 300 or 400 level) are required 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.

Required Courses:

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)

Choose two courses from:

INT 412 History of Decorative Arts in Interiors, HU (3)
INT 413 History of Textiles in Interior Design (3)
INT 415 Latin American Design (3)
INT 494 ST: Contemporary Design Issues in Europe (3) or **
INT 494 ST: Design and Context (3) **

*prerequisite: ARS 102 Art from Renaissance to Present (3) with a "C" (2.00) or better

**summer study abroad course, offered in summer term only

Students must have an overall GPA of 2.50 or higher and achieve a minimum 2.50 GPA in minor classes to be awarded the minor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://herbergerinstitute.asu.edu/degrees/design.php>
CDN 162
herbergeradvising@asu.edu
480-965-3536

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. Go to <https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://international.clas.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.

Required courses include:

ITA 311 Italian Conversation, G (3) or ITA 312 Italian Composition, L, G (3) or ITA 315 Italian Civilization, HU, G (3)
ITA 321 Introduction to Italian Literature I (3) or ITA 322 Introduction to Italian Literature II, HU (3)
one 400-level ITA course (3)

Elective courses:

Students may use a maximum of six credits from the 200-level ITA courses. All remaining electives must be upper-division ITA courses.

Course substitutions are allowed for heritage and advanced speakers of the language.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

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.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad/minor-certs>

LL 440

silcadvising@asu.edu

480-965-6281

Justice Studies Minor (LAJUSMIN)

Campus: Tempe, Online

Description:

The minor in justice studies is designed for students interested in developing an understanding of meanings of justice and injustice and analyzing controversial issues. In addition to the two required courses, which provide a solid understanding of the field, students will be able to select electives to meet their specific interests.

Program Requirements:

The minor requires a 18 total credit hours. Students will be required to take two specific classes and will then have the option to select four JUS classes as their minor electives.

Required courses: (6)

JUS 105 Introduction to Justice Studies, SB (3) or JUS 305 Principles of Justice Studies, SB (3)

JUS 303 Justice Theory, L (3)

Elective courses: (12)

Students can select any JUS course except JUS 301, JUS 302 or any course listed as a required course.

- A minimum of nine credit hours must be courses offered by the School of Social Transformation.
- No pass/fail or noncredit course work may be applied to the minor.
- Students must receive a minimum grade of "C" (2.00 on a 4.00 scale) for all courses in the minor.
- Student must meet all course eligibility requirements, including prerequisites.
- Twelve credit hours must be upper-division.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/content/justice-studies-minor>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Kinesiology Minor (NHKINMIN)

Campus: Downtown Phoenix, Lake Havasu

Description:

The minor program in kinesiology will introduce students to the careers, research, theories and concepts related to the four major subdisciplines of kinesiology (motor behavior, exercise and health psychology, biomechanics, and exercise physiology). Students in the minor will then select one of these four subdisciplinary areas as the area of emphasis on which to center the upper-division requirements for the minor.

Program Requirements:

18 credit hours are required for the minor. Depending upon a student's program of study, prerequisite courses may be needed in order to complete the requirements of this minor. There are course prerequisites for a number of courses in the minor.

Students will 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.

Required core courses for all tracks: (6 credit hours)

KIN 101 Introduction to Kinesiology (3)

KIN 290 Introduction to Evidence-Based Practice, L (3)

Required track course: (3 credit hours; choose one) *

Biomechanics: KIN 335 Biomechanics (3)

Exercise/Health Psychology: KIN 352 Psychosocial Aspects of Physical Activity, SB and C (3)

Exercise Physiology: KIN 340 Physiology of Exercise (3)

Motor Behavior: KIN 345 Motor and Developmental Learning (3)

Elective track courses: (9 credit hours) *

Biomechanics Track:

Three courses from the following course list: (9 credit hours)

KIN 334 Functional Anatomy and Kinesiology (3)

KIN 412 Biomechanics of the Skeletal System (3)

KIN 418 Experimental Neuromechanics (3)

KIN 494 Theory of Corrective Exercise (3)

Exercise/Health Psychology Track:

Three courses from the following course list: (9 credit hours)

KIN 334 Functional Anatomy and Kinesiology (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)

Exercise Physiology Track:

Three courses from the following course list: (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 (3)

KIN 444 Metabolic Adaptations to Exercise Training (3)

KIN 446 Pediatric Obesity (3)

KIN 447 ECG Interpretation (3)
KIN 460 Theory of Strength Training, L (3)
KIN 494 Muscle Physiology (3)

Motor Behavior Track:

Three courses from the following course list: (9 credit hours)

KIN 334 Functional Anatomy and Kinesiology (3)
KIN 421 Human Motor Control, L (3)
KIN 422 Motor Control in Special Populations, L (3)
KIN 423 Motor Control and Aging, L (3)

*All elective track courses must come from the same track as the chosen required track course

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://chs.asu.edu/programs/schools/school-nutrition-and-health-promotion>
HLTHS 444AA
healthpromotion@asu.edu
602-496-3300

Landscape Studies Minor (ARLNDMIN)

Campus: Tempe

Description:

The minor in landscape studies is designed for students who have an interest in landscape architecture but are pursuing a major in another field. The course selection is intended to provide greater understanding of landscape architecture issues that may be relevant in related professional disciplines and to broaden knowledge about the landscape in which we live.

Program Requirements:

A minimum of 18 credit hours (to include 12 credit hours of upper-division course work) are required for the minor.

Required Courses:

ALA 102 Landscape and Sustainability HU, G (3)
LAP 254 Plant Materials (3)
LPH 310 History of Landscape Architecture, HU, H, (3)
LPH 311 20th-Century Landscape Architecture, HU (3)

Six additional upper-division credit hours of electives in the landscape architecture history and theory concentration must be selected from the following list:

LAP 352 Ecosystems Sustainable Design (3)

LAP 494 Special Topics (3)
LDE 494 Topic: Applied Landscape Architecture (3)
LPH 394 Special Topics (3)
LPH 411 Landscape Architecture Theory and Criticism, L (3)
LPH 494 Special Topics (3)
LPH 499 Individualized Instruction (3)*

*This course requires a petition to The Design School.

A minimum GPA of 2.50 in minor courses is required to earn the minor in landscape studies. In addition, students may not use a core course to count toward the minor. Students pursuing the BSD in architecture must petition the school to request a substitution for any core courses that are also included in the landscape studies minor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu/>
CDN 162
herbergeradvising@asu.edu
480-965-3536

Latin American Studies Minor (ASLASMIN)

Campus: West

Description:

The minor in Latin American studies, offered by the School of Humanities, Arts and Cultural Studies, is designed for students who have an interest in becoming proficient in Spanish and who wish to carry out work and research in areas not related exclusively to literature. This minor offers a learner-driven model in which the student's specific interests are deepened through the study of Latin America. It is transdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America. This minor allows students to be more widely marketable upon graduation for fields as diverse as business, arts administration, teaching, nonprofit organizations, health care and the sciences.

Program Requirements:

The Latin American studies minor is 18 credit hours and consists of six lower-division credit hours and 12 upper-division credit hours (300 to 400 level).

Students must demonstrate Spanish language proficiency by meeting the prerequisites of the upper-division Latin American emphasis courses, one of which must be taught in Spanish, or by taking Spanish language classes up through SPA 325.

Students must complete a minimum of six upper-division credit hours offered by the School of Humanities, Arts and Cultural Studies. A minimum of 12 credit hours must be completed at ASU.

Required Minor Core: (9 credit hours)
LAS 205 Deep Roots: Latin America (3)
LAS 206 Locating Latin America: Interdisciplinary Methods (3)

LAS 330 From the Inside: The Latin American Journey (3)

Latin American Studies Electives: (9 credit hours)

Choose three upper-division courses from any Latin American Emphasis track below, one of which must be taught in Spanish (courses with a SPA prefix are taught in Spanish).

TRACK 1: ARTS

IAP 305 20th and 21st Century Art, Performance and Media, L or HU (3)

IAP 354 Visual Representation (3)

IAP 361 Digital Editing and Media Literacy, CS (3)

IAP 473 Aesthetic Research, L or HU (3)

IAP 474 Art and Film, L or HU (3)

LAS 471 Treaties and Cultural Production in Spain and the Americas (3)

LAS 480 Current Trends in Theatre and New Media in Latin America and Spain (3)

MUS 354 Popular Music: Latin American Music, HU (3)

SPA 434 Drama of the Golden Age (3)

SPA 487 Mexican American Drama (3)

TRACK 2: NARRATIVE (Literature and Film)

LAS 340 Latin American Women Writers (3)

LAS 351 Cityscapes: Urban Mexican Literature and Culture (3)

LAS 355 Contemporary Mexican Cinema: Changing Cartographies (3)

LAS 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (3)

SPA 325 Introduction to Hispanic Literature, HU (3)*

SPA 394 Special Topics (3)

SPA 426 Spanish Literature, HU (3)

SPA 427 Spanish American Literature, L or HU (3)

SPA 429 Mexican Literature, L or HU, G (3)

SPA 431 Prose of Golden Age, L or HU (3)

SPA 435 Cervantes-Don Quixote, L or HU, H (3)

SPA 454 19th Century Spanish American Narrative (3)

SPA 456 20th Century Spanish American Fiction (3)

SPA 485 Mexican American Short Story, L, C (3)

SPA 486 Mexican American Novel (3)

*SPA 325 is not available as an elective to LAS majors.

TRACK 3: HISTORY/POLITICAL SCIENCE

AMS 428 Chicano Cultures in Southwest, SB (3)

ASB 342/SBS 342/SOC 342 Mexico-US Borderlands, SB, C (3)

HST 305 Studies in Latin American History, SB, H (3)

HST 375 Colonial Latin America, SB, H (3)

HST 376 Modern Latin America, SB, H (3)

HST 404 Conquest and Encounters in Colonial Latin America, L, G (3)

HST 441 Latin America and the World Economy L, G, H (3)

LAS 350 The Construction of a Nation: Chile in the 20th/21st Century (3)

LAS 481 Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (3)

POS 354 Central American Studies, SB, G (3)

POS 454 Mexico, SB, G (3)

POS 456 Latin American Cities, SB, G (3)

POS 464 Border Cities: Action Research on Globalization, SB, G (3)

TRACK 4: EDUCATION/LINGUISTICS

SPA 400 Introduction to Spanish Linguistics (3)

SPA 413 Advanced Spanish Grammar, G (3)

SPA 417 Spanish Phonetics and Phonology (3)

SPA 418 Spanish Syntax (3)

SPA 420 Applied Spanish Linguistics, L (3)

SPA 421 Spanish in the Southwest, C (3)

SPA 422 Spanish Lexicology and Lexicography (3)

TRACK 5: SOCIOLOGY/ANTHROPOLOGY

AMS 330 American Lives, HU, C (3)

ASB 342/SBS 342/SOC 342 Mexico-U.S. Borderlands, SB, C (3)
SPA 464 Jaiton Works in Chicano/a Literature (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in Latin American studies is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harc sadvising@asu.edu
602-543-4444

Materials Science and Engineering Minor (ESMSEMIN)

Campus: Tempe

Description:

The materials science and engineering minor is designed to give other 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:

MSE 250 Structure and Properties of Materials (3)

MSE 355 Structure and Defects (3)

Two MSE courses at the 300 level or higher (6)

One materials-related lab from the following list:

MSE 356 Structure, Properties and Defects Lab (1)

MSE 421 Physical Metallurgy Lab (1)

MSE 451 Introduction to Materials Characterization Lab (1)

One materials-related course from the following list:

Any MSE course at the 300 level or higher (3)

BME 318 Biomaterials (4)

CEE 353 Civil Engineering Materials (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 (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students need sophomore status and a minimum 2.75 ASU and transfer GPA to enroll in the minor in materials science and engineering and a 2.50 GPA in all courses in the minor to receive the minor. Students adding the minor will also need to complete MAT 265 (270), MAT 242 (342 or 343), and CHM 114 or CHM 113 and 116.

Interested students should consult with a SEMTE advisor to verify eligibility and to review all courses required for the minor. To schedule an advising appointment, please contact the SEMTE advising office at 480-965-2335 or semte@asu.edu (mailto:semte@asu.edu).

Students interested in the materials minor should also consult with their major advisor to ensure recognition of the minor and to have their minor added to their DARS.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Materials Science and Engineering Program
<http://semte.engineering.asu.edu/materials-science-undergraduate/>
ECG 202
semte@asu.edu
480-965-2335

Mathematics Minor (ASMATHMIN)

Campus: West

Description:

The minor in mathematics, offered by the School of Mathematical and Natural Sciences, 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 were either presented to them or meaningfully formulated by them. 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.

Program Requirements:

The minor in mathematics consists of a minimum of 27 credit hours, of which nine credit hours must be taken from the School of Mathematical and Natural Sciences.

Required Courses:

MAT 270 Calculus with Analytic Geometry I, MA (4)
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 (3)

Elective Courses:

Choose three electives from the following courses or from other approved courses, in consultation with a departmental advisor, for a total of nine credits.

MAT 310 Introduction to Geometry (3)
MAT 371 Advanced Calculus I (3)
MAT 411 History and Philosophy of Mathematics, HU, H (3)
MAT 443 Introduction to Abstract Algebra (3)
MAT 445 Theory of Numbers (3)
STP 420 Introductory Applied Statistics, CS (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in mathematics is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>
FAB N100
mnsadvising@asu.edu
602-543-6050

Mathematics Minor (LAMATMIN)

Campus: Tempe

Description:

The minor in mathematics is designed for students who want to further their knowledge of mathematics and is beneficial for students majoring in such disciplines as physics, engineering, business, economics and the life and social sciences where there is a need for quantification in the analysis of phenomena.

Program Requirements:

The minor in mathematics consists of a minimum of 18 credit hours, of which at least twelve 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 are as follows: (9-11 credit hours)

MAT 271 Calculus with Analytic Geometry II, MA (4) or MAT 266 Calculus for Engineers II, MA (3)
MAT 272 Calculus with Analytic Geometry III, MA (4) or MAT 267 Calculus for Engineers III, MA (3)
MAT 342 Linear Algebra (3) or MAT 343 Applied Linear Algebra (3)

Three electives for a total of nine or more credit hours must be upper-division courses in mathematics (MAT) or statistics and probability (STP). Students may not apply MAT 411 or MAT 485 or any course not offered by the College of Liberal Arts and Sciences to the minor, unless otherwise approved by an academic advisor in the School of Mathematical and Statistical Sciences. Some courses may have additional prerequisites.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WCLR 211
math@asu.edu
480-965-7195

Media Analysis Minor (CSCMOMINA)

Campus: Downtown Phoenix, Online

Description:

The mass media, more than ever before, plays a vital role in how information is disseminated and how societies are shaped and function. As traditional forms of media and information dissemination change rapidly in an increasingly technological world, it is more important than ever for students to understand the way that media works, as well as learn to evaluate the messages that are sent. All students can benefit from the study of mass communications institutions, functions and techniques. In this minor, students will learn to understand the roles that media play, how they are changing and their impact. They will be given the tools they need to critically evaluate, analyze and interpret media messages in order to become wise consumers of media themselves.

Program Requirements:

The minor of media analysis consists of 18 credit hours of course work. This is a requirement consistent with many other minor programs at Arizona State University and at other colleges and universities. The focus of the program is on media analysis. Students in the minor will concentrate on evaluating the impact of information dissemination rather than on topics that focus on the practice of gathering and distributing messages. Students in the minor may not register for courses in the professional journalism major.

To take upper-division courses, students must be at least sophomores (25 credit hours). To pursue the minor in media analysis, they must maintain a minimum 2.00 overall GPA, obtain a minimum grade of "C" (2.00 on a 4.00 scale) in each course in the minor and have a major other than journalism and mass communication or sports journalism.

Three specific classes will be required (nine credit hours). The required classes are:

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)

In addition, students select three additional courses (nine credit hours) from the list of electives offered by the journalism school. The common element of these courses is that they focus on understanding specific aspects of the mass media and how those aspects impact individuals and societies in terms of function, effects and enculturation. Electives offered include:

MCO 302 Media Research Methods (3)
MCO 430 International Mass Communication, G (3)
MCO 435 Social Media (3)
MCO 450 Visual Communication, HU (3)
MCO 455 War and Mass Media (3)
MCO 456 Political Communication, SB (3)
MCO 460 Race, Gender and Media, C (3)
MCO 465 Sports and Media (3)
MCO 473 Sex, Love and Romance in the Mass Media, SB (3)
MCO 494 Special Topic (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information:
https://cronkite.asu.edu/undergrad/minor_media_analysis (https://cronkite.asu.edu/undergrad/minor_media_analysis).

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.
(<http://asuonline.asu.edu/request-info>)

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu>
CRONK 222
cronkiteadvising@asu.edu
602-496-5055

Military Leadership Minor (LAMISMIN)

Campus: Tempe

Description:

The minor in military leadership is designed to enhance the student's learning experience by providing tools to prepare them for leadership roles in various organizations. Students complete courses that will cover academic and practical skills in many areas, including:

- effective communication
- leadership ethos
- leading, motivating and empowering others
- negotiating
- problem-solving
- team-building

Program Requirements:

The minor in military leadership requires 18 credit hours, 12 of which must be at the 300 or 400 level. There are five options available, as noted below. Twelve credit hours must be taken in residence on an ASU campus. The required courses are as follows:

Army option:

MIS 301 Advanced Military Science I, L (3)
MIS 302 Advanced Military Science II, L (3)
MIS 401 Advanced Military Science III (3)
MIS 402 Advanced Military Science IV (3)

Air Force option:

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)

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)

Marine option:

NAV 303 Evolution of Warfare (3)
NAV 402 Leadership and Ethics (3)
NAV 403 Amphibious Warfare (3)

Non-ROTC option:

A minimum of three of the above upper-division courses for nine credits, in any combination, in conjunction with the below electives satisfying 18 credit hours, to include 12 upper-division credits.

Approved Electives:

Note: Any courses from the above can be used as an elective for a complementary option

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)

AES 499 Individualized Instruction (3)

FAS 101 Personal Growth in Human Relationships, SB (3)

FAS 331 Marriage and 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 Military I (3)

MIS 102 Introduction to the Military II (3)

MIS 201 Introduction to Leadership Dynamics I (3)

MIS 202 Introduction to Leadership Dynamics II (3)

MIS 410 American Defense Policy I, SB, G, H (3)

MIS 412 American Defense Policy II, SB, G, H (3)

MIS 499 Individualized Instruction (3)

NAV 101 Introduction to Naval Science (3)

NAV 102 Sea Power and Maritime Affairs (3)

NAV 202 Navigation (3)

NAV 294 Naval Leadership & Management (1-4)

REL 100 Religions of the World, HU, G (3)

REL 366 Islam in the Modern World, HU, H, G (3)

Alternative Electives:

Additional electives may be selected by the student with prior approval from the department chair.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate by either the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of

Department of Military Science

<https://militaryscience.clas.asu.edu>

SS 330

Army.ROTC@asu.edu

480-965-3318

Music Minor (FAMUSMIN)

Campus: Tempe

Description:

The music minor is designed for those 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 options to select courses based on students' interests.

Program Requirements:

The School of Music offers a minor in music consisting of 24 credit hours of course work, including a minimum 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 (3)

MUS 340 Music for the Concert Hall, Stage and Screen HU, H (3)

Music history: (6 credit hours; select two of the following four courses)

MUS 347 Jazz in America, HU, C (3)

MUS 355 American Music, HU, C, H (3)

MUS 356 Broadway and the American Musical, HU (3)

MUS 410 History of Women in Music, HU, C, H (3)

Electives: (6 credit hours; choose two of the following five courses)

MUS 354 Beatles, HU (3)

MUS 354 Classic Rock: 1950-1975, HU (3)

MUS 354 Elvis, HU (3)

MUS 354 Rock Since 1975, HU (3)

MUS 362 Rap Music and Hip Hop Culture, HU, C (3)

*The online iCourse version of this course is required.

Notes: MHL, MTC, MUP courses may be accepted as electives if the appropriate prerequisites are met and with instructor approval. Music reading and notation skills are a prerequisite for the music minor.

Please note: MUS 131 Bach to Bebop is only offered during the fall semester.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu/students/undergrad/nonmajors.php>

MUSIC E167

herbergeradvising@asu.edu

480-965-5069

Music Performance Minor (HIMUSPMIN)

Campus: Tempe

Description:

The minor or BIS concentration in music performance allows students who have a background playing an instrument or in singing to continue their studies in music. The course work develops these skills through individual instrumental or vocal instruction and performance opportunities through various ensemble experiences. The program also includes the study of theoretical and historical elements of music. An audition is required for entrance into the minor or BIS concentration in music performance, which includes private instruction in one primary instrument. Students interested in pursuing the minor in music performance should contact the Office of Academic Affairs in the School of Music for audition information and to

schedule the audition.

Program Requirements:

The minor or BIS concentration requires 21 hours (12 upper division) in performance, history, theory and electives.

Core required courses: (6 credit hours)

MUP 121 Secondary/Minor Instrument Instruction (two semesters) (2)

MUP 321 Secondary/Minor Instrument Instruction (1)

MUS 131 Bach to Bebop (3)

Three semesters of ensembles related to the primary instrument studied in the minor, selected from the following: (3 credit hours)

MUP 442 Wind Ensemble, Wind Orchestra or Orchestra Strings (1)

MUP 443 Concert Choir or Chamber Singers (1)

MUP 450 Choral Union (1)

MUP 457 Women's Chorus(1)

MUP 459 Barrett Choir (1)

MUP 486 Concert Jazz Band, Jazz Repertory Band or Latin Jazz Ensemble (1)

MUP 494 Concert Band or ASU Gospel Choir (1)

One of the following:

Fourth semester of ensemble (may be unrelated to the primary instrument studied in the minor)

MUS 494 Urban Dance Music Ensemble (1)

MUS 294 Rock Band (1)

Music History: (6)*

Choose two of the following (upper-division only):

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, HU (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)

Music Theory: (3)*

MUS 100 Fundamentals of Music Notation (3) or MTC 125 Basic Music Theory (3)

* Students will take a theory diagnostic exam to determine placement in either MUS 100 or MTC 125.

Electives: (2)

MUP, MUS, MUE, MTC or MHL (upper-division only) (2)

TOTAL 21 (12 upper-division)

*MHL courses may be accepted if the appropriate prerequisites are met or with instructor approval.

Admission requirement: An audition is required for entrance into the minor or BIS concentration 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: <http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>).

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Prospective students must successfully complete an audition for the faculty in the applicable instrument area. 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: <http://music.asu.edu/admissions/auditions/> (<http://music.asu.edu/admissions/auditions/>).

Advisors should not add the minor until the student presents a letter from the School of Music Academic Affairs Office confirming that the student has successfully passed the audition.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment

officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu/students/undergrad/nonmajors.php>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Nonprofit Leadership and Management Minor (PPNLMMIN)

Campus: Downtown Phoenix

Description:

The minor in nonprofit leadership and management empowers students to positively impact the community in which they work. Course work introduces students to knowledge and skills for successful professional careers with nonprofit, social sector organizations that exist to improve the quality of life of communities. The nonprofit sector in the U.S. is unique in form and function, with more than 1.6 million organizations in the U.S.

The minor is ideal for students enrolled in other degrees or majors at ASU who wish to earn a minor that concentrates on the management of nonprofit organizations. Students from such various disciplines as business, communication, education, global studies, museum studies, nursing, public affairs, religious studies, social work, sustainability and others find this program a beneficial supplement to their existing program as many find their career pathways from their degree occur within nonprofit organization forms.

This program affords students the opportunity to start their pursuit of the National Certified Nonprofit Professional credential awarded through the Nonprofit Leadership Alliance (formerly American Humanics, Inc.). For more information about completing the CNP credential and requirements, please see 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:

NLM 220 Introduction to Nonprofit Organizations (3)
NLM 300 Fundraising and Resource Development (3)
NLM 310 Volunteer Management (3)
NLM 430 Managing Nonprofit Organizations, L (3)

Elective Courses: (choose six elective credit hours from one of two blocks)

Block A - choose this block if interested in the CNP credential:

NLM 320 Professional Development Seminar (4)*
NLM 420 Nonprofit Leadership Alliance Institute (2)

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 486 Special Events Management (3)

*This seminar is for one credit hour for four semesters.

Standards:

- minimum grade of "C" (2.00 on a 4.00 scale) required for all classes in the minor

- minimum GPA of 2.00 for those pursuing the minor; a major or premajor, other than BS in nonprofit leadership and management
- meet the curricular and cocurricular requirements (if also pursuing the CNP credential)
- 15 hours of graded classroom course work (no internship, no independent study)
- students should be a junior to take 400-level classes
- no double counting of courses for both a major and the minor

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue the nonprofit leadership and management minor should consult an academic advisor in the college or department of their majors to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward both the major degree and the minor. Students pursuing a bachelor's degree in nonprofit leadership and management are not eligible to complete this minor. Students pursuing the nonprofit leadership and management bachelor's degree, however, may earn the certified nonprofit professional credential along with their major upon successfully completing both curricular and cocurricular requirements (see advisor for details).

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Nutrition and Healthy Living Minor (NUNHLMIN)

Campus: Downtown Phoenix

Description:

The nutrition and healthy living minor will provide a greater understanding of how nutrition contributes to healthy lifestyles and disease prevention.

Program Requirements:

The minor requires completion of a minimum of 18 nutrition credit hours. A grade of "C" (2.00 on a 4.00 scale) or better is required for each course in the minor.

Required Courses: (9)

NTR 241 Human Nutrition (3)

NTR 341 Medical Nutrition Therapy I (3) or NTR 345 Development of Healthy Cuisines (3)

NTR 450 Nutrition in the Life Cycle, SB (3) or HSC 355 Eating for Lifelong Health, SB (3)

Upper-Division Electives: (9) (select three courses from the following list)

NTR 320 History of Human Nutrition (3)

NTR 348 Cultural Aspects of Food, SB, C and 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 444 Medical Nutrition Therapy II (3)*

NTR 453 Nutrition and the Media (3)

NTR 457 Sports Nutrition (3)*

*This course is not available to ASU Online students.

Many courses in this minor require CHM 101 (or CHM 113) or BIO 201 and BIO 202 as a prerequisite. Please ensure all prerequisites are met when planning this minor. Depending on a student's undergraduate program of study, additional prerequisite courses may be needed in order to complete

the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Organizational Leadership Minor (LSORGLMIN)

Campus: Polytechnic, Online

Description:

The minor in organizational leadership uses interdisciplinary methods that prepare students to become leaders in organizations. Students develop skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in organizations. Students in the program will be prepared for a range of positions in government, health care administration, nonprofit agencies and the service industry.

Program Requirements:

The minor in organizational leadership requires 18 credit hours to complete, including 12 upper-division and six lower-division credit hours. It is available to all majors. Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of a minor. There are no prerequisite courses or requirements applicable to this minor.

Students complete three required courses:

OGL 200 Introduction to Organizational Leadership, SB (3)
BIS 340 Special Topics: Organizational Skills (6)

Students may choose any three of the following elective courses as long as two courses are upper-division.

BIS 343 Social Processes in Organizations, L or SB (3)
BIS 345 Organizational Ethics, L or HU (3)
BIS 357 Assessment in Organizations (3)
BIS 360 Organizational Contexts, SB (3)
OGL 220 Behavioral Dynamics in Organizations, SB (3)
OGL 240 Introduction to Project Management (3)
OGL 260 Resource Allocation in Organizations (3)
OGL 300 Theory and Practice of Leadership (3)
OGL 321 Project Leadership, Strategy and Scope (3)
OGL 350 Diversity and Organizations (3)
OGL 355 Leading Organizational Innovation and Change, L (3)
OGL 360 Assessment of Leadership Effectiveness (3)

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification

procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. Students should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Parks and Protected Area Management Minor (PPPRMMINT)

Campus: Downtown Phoenix

Description:

As the Southwest continues to develop and urbanize, the demands and pressures on public lands and natural resources continue to grow. The interplay between society and natural resources is key to understanding modernity and continues to be at the center of policy issues and quality of life debates in the West.

The minor in parks and protected area management introduces students to the role of parks and protected areas, with a focus on the unique issues faced by urban-proximate natural area managers. The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as business, education, nursing, public affairs, social work and many others might find this program a beneficial supplement to their existing program. Students interested in the parks and protected area management minor may also be interested in therapeutic recreation, available through the parks and recreation management program.

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)

PRM 120 Leisure and the Quality of Life, SB (3)
PRM 370 Public Lands Management (3)
PRM 380 Wilderness and Parks in America, SB, H (3)
TDM 480 Sustainable Tourism (3)

Elective: (choose one course from the following list)

CRD 301 Sustainable Communities (3)
PRM 340 Outdoor Survival (3)
PRM 470 Environmental Communication (3)
TDM 448 Heritage and Cultural Tourism (3)
TDM 494 Special Topics, as approved by a SCRCD advisor (3)

Standards:

- 15 hours of graded classroom course work (no internship, no independent study)
- 12 hours of course work at the upper-division level, from the approved list
- minimum grade of "C" (2.00 on a 4.00 scale) required for all classes in the minor
- no double counting of courses for a major and the minor
- minimum GPA of 2.00 for those pursuing the minor, a major or premajor, other than a bachelor's degree in parks and recreation management.
- should be a junior to take 400-level courses

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue the parks and protected area management minor should consult an academic advisor in the college or department of their major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward both the major degree and the minor. Students pursuing the bachelor's degree in parks and recreation management are not eligible to complete this minor.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Personal Health Minor (NPHLMIN)

Campus: Downtown Phoenix, Online

Description:

This minor will allow 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 a high quality of personal health. Students will gain the knowledge and skills necessary to optimize their personal health and assume increased responsibility for their own personal health and well-being. The minor reflects the transdisciplinary nature of personal health by including courses from the nutrition, exercise and wellness and health sciences disciplines.

Program Requirements:

Required minor courses: (12)

EXW 325 Fitness for Life (3)

HSC 210 Cultural Aspects of Health, C (3)

HSC 300 Complementary Health Care (3)

NTR 100 Introductory Nutrition (3)

Elective minor courses: (6)

EXW 400 Stress Management for Wellness (3)

HSC 355 Eating for Lifelong Health, SB (3)

HSC 410 Supporting the Health of Older Adults (3)

HSC 412 Health Issues in Later Life (3)

HSC 435 Environmental Health Issues in the U.S. (3)

A minimum grade of "C" (2.00 on a 4.00 scale) is required for all courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<http://asuonline.asu.edu/request-info>)

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Philosophy Minor (ASPHIMIN)

Campus: West

Description:

The minor in philosophy, offered by the School of Humanities, Arts and Cultural Studies, 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.

Program Requirements:

The minor in philosophy consists of 18 credit hours of philosophy course work, of which 12 must be upper-division hours (300 or 400 level). Only courses in which the student earns a grade of "C" (2.00 on a scale of 4.00) or higher will fulfill requirements for the minor.

Courses are to be selected from the following list, in consultation with an advisor, to create a coherent and complete program of study:

IAS 410 Evolution of Ideas, L or HU (3)
IAS 430 Science and Religion, L or HU (3)
PHI 101 Introduction to Philosophy, HU (3)
PHI 103 Principles of Sound Reasoning, L or HU (3)
PHI 304 Existentialism, HU (3)
PHI 306 Applied Ethics, HU (3)
PHI 318 Philosophy of Religion, HU (3)
PHI 320 Bioethics, HU (3) or IAS 340 Bioethics, HU (3)
PHI 360 Business and Professional Ethics, HU (3)
PHI 391 Historical Perspectives on Philosophy and Religion (3)
PHI 406 Moral Dilemmas, L or HU (3) or IAS 406 Moral Dilemmas, L or HU (3)
PHI 407 Environmental Philosophy and Policy, L or HU (3) or IAS 407 Environmental Philosophy and Policy, L or HU (3)
PHI 408 Feminist Ethics, HU (3)
PHI 494 Special Topics (3)
PHI 499 Individualized Instruction (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in philosophy is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/philosophy-minor>
FAB N201
harcсадvising@asu.edu
602-543-4444

Philosophy Minor (LAPHIMIN)

Campus: Tempe, Online

Description:

The minor in philosophy program provides students with an understanding of philosophical inquiry and method. The minor 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:

A minor in philosophy consists of 18 credit hours, of which at least 12 must be upper-division and approved by an 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). No more than two courses may be taken in any one of the following philosophical subdisciplines:

- epistemology
- ethics and political philosophy
- history of philosophy
- logic
- metaphysics

Students should consult with an academic advisor in the School of Historical, Philosophical and Religious Studies about a proposed selection of courses before registering.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation providing the college (and in certain colleges, the academic unit) of their major allows the official recognition of the minor and the academic unit of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. Students should also consult with an academic advisor in the college or department of their majors to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the School of Historical, Philosophical and Religious Studies for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the

year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.
(<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/minor/philosophy>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Physics Minor (LAPHYMIN)

Campus: Tempe

Description:

Physics is concerned with the nature, structure and interactions of matter and radiation. Adding a physics minor to another major program of study provides a student with the fundamental scientific basis to address the most challenging opportunities faced in a student's career.

Program Requirements:

Required Courses (24)

Choose between the following course combinations:

PHY 150 Physics I, SQ (4) or PHY 121 University Physics I: Mechanics, SQ (3) and PHY 122 University Physics Laboratory I, SQ (1)*
and

PHY 151 Physics II, SQ (4) or PHY 131 University Physics II: Electricity and Magnetism, SQ (3) and PHY 132 University Physics Laboratory II, SQ (1)**

Also required:

PHY 252 Physics III, SQ (4)

PHY 361 Introductory Modern Physics (3)

two upper-division electives (to be selected with the approval of the physics advisor) (6)

one lab course: PHY 333 Electronic Circuits and Measurements (3) or PHY 334 Advanced Laboratory I, L (3)

*Both PHY 121 and PHY 122 must be taken to secure SQ credit.

**Both PHY 131 and PHY 132 must be taken to secure SQ credit.

A minimum of 12 upper-division credit hours are required to complete this minor. A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
Department of Physics
<https://physics.asu.edu>

PSF 470
physics.info@asu.edu
480-965-3561

Physics Minor (LSPHYMIN)

Campus: Polytechnic

Description:

The physics minor in the College of Integrative Sciences and Arts at the Polytechnic campus provides a rigorous foundation in physics with an emphasis on fundamental concepts and applied hands-on experience. It broadens and deepens a student's understanding of their major and increases their options for graduate study and employment. The primary emphasis of the physics minor is to give students experience through applied and computational physics projects. The projects will be guided by faculty with expertise in the physics of semiconductors and graphene, quantum nano-optics, laser physics and materials science.

Program Requirements:

A minimum of 23 credit hours are required.

Required Minor Courses: (14 credit hours minimum)

MAT 420 Scientific Computing (3)
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 361 Introductory Modern Physics (3)

Elective Minor Courses: (6 credit hours minimum)

MAT 275 Modern Differential Equations, MA (3)
PHY 321 Vector Mechanics and Vibration (3)
PHY 331 Principles of Modern Electromagnetism (3)
PHY 456 Laser Optics (4)

Required project research (3 credit hours minimum)

PHY 499 Individualized Instruction (3)*

*Individual projects under guidance of physics faculty

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor. A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Political Science Minor (ASPOLMIN)

Campus: West

Description:

The minor in political science, offered by the School of Social and Behavioral Science, is designed to help students gain an understanding of theory, practice and policy underlying political processes locally, nationally and internationally and to train students with the research skills necessary for the analysis of complex sociopolitical issues locally and globally.

The program strives to meet these goals by offering students learner-centered course work in political theory, American political institutions, and international relations and world affairs. These goals are accomplished by offering a flexible program of course work focusing on international urban, race or ethnic sociopolitical areas, 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.

Program Requirements:

The minor in political science consists of 18 credit hours in POS courses, 12 of which must be in upper-division courses.

Required Courses:

Select two from among the following:

POS 110 Government and Politics, SB (3) 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)

POS upper-division electives (12)*

*A maximum of three credit hours of internship and three credit hours of individualized instruction may be used to fulfill requirements.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in political science is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>) for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>

FAB S105

SBSadvising@asu.edu

602-543-6058

Political Science Minor (LAPOSMIN)

Campus: Tempe, Online

Description:

The minor 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 minor aims to provide students with an introduction to the tools and skills necessary to link theory with real-world problems and issues.

Program Requirements:

The minor in political science consists of 18 credit hours in political science courses, 12 credit hours of which must be upper-division courses. Students who minor in political science must have two courses from among the following in addition to four political science electives:

POS 110 Government and Politics, SB (3) 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)

Students who minor in political science must have a minimum GPA of 2.00 (on a 4.00 scale) for all courses that count toward the minor. Courses that count toward the minor must have a grade of "C" (2.00 on a 4.00 scale) or higher. 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. A minimum of six upper-division credit hours must be taken in courses offered by the College of Liberal Arts and Sciences.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to pursue a minor in political science may do so with the permission of the department, school or college of their major as well as the advisor in the School of Politics and Global Studies. An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
COOR 6797
spgs@asu.edu
480-965-8563

Psychology Minor (ASPGSMIN)

Campus: West, Online

Description:

The minor in psychology, offered by the School of Social and Behavioral Sciences, provides 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. The psychology minor prepares students for more advanced study in psychology at the graduate level, in either graduate or professional schools. The 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.

Program Requirements:

The minor consists of 22 credit hours in psychology, including the following:

Foundations of Psychological Science

PSY 101 Introduction to Psychology, SB (3)

PSY 230 Introduction to Statistics, CS (3)

PSY 290 Research Methods, L or SG (4)

Social and Developmental Core

Choose one course from the following list:

PSY 315 Personality Theory and Research, SB (3)

PSY 341 Developmental Psychology, SB (3)

PSY 350 Social Psychology, SB (3)

Neuroscience Core

Choose two courses from the following list:*

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 369 Biology of Human Sexuality (3)

PSY 470 Psychopharmacology (3)

Psychology elective

PSY upper-division elective (3)

*At least one choice must be PSY 320, PSY 323, PSY 324 or PSY 325. A maximum of three credit hours of research (PSY 399 Supervised Research and PSY 499 Individualized Instruction) may be used to meet the minor requirements. PSY 484 Internship may be taken for elective credit only. All courses must be passed with a minimum grade of "C" (2.00 on a scale of 4.00) or higher.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in psychology is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>) for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences
<https://newcollege.asu.edu/psychology-minor>
FAB S105
SBSadvising@asu.edu
602-543-6058

Psychology Minor (LAPGSMIN)

Campus: Tempe

Description:

The minor in psychology focuses on appreciating and understanding the human condition from a scientific, psychological point of view. Students completing the minor in psychology should possess breadth of knowledge pertaining to the major principles, theoretical approaches and findings in psychology.

Students should also understand and be able to use basic research and quantitative methods in psychology and be able to gather and synthesize psychological findings.

Finally, students should be able to understand the relevance and applicability of psychological principles, approaches and findings to individual, group and social issues. In so doing, they will be prepared as educated citizens to pursue productive careers and engage on a daily basis with their increasingly complex, information-rich world.

Program Requirements:

The minor in psychology consists of completing the 22 credit hours of course work in the foundations of psychology and the breadth within psychology categories described below. Six credit hours of upper-division (300 to 499 level) psychology course work must be completed through courses offered by the College of Liberal Arts and Sciences, Department of Psychology.

Required Foundation Courses:

PSY 101 Introduction to Psychology, SB (3)

PSY 230 Introduction to Statistics, CS (3)

PSY 290 Research Methods, L or SG (4)

Take one course each from four of the following five clusters:

Biological

PSY 325 Physiological Psychology (3)

Personality/Mental Health

PSY 315 Personality Theory and Research, SB (3)

PSY 366 Abnormal Psychology, SB (3)

Cognitive/Learning

PSY 320 Learning and Motivation (3)

PSY 323 Sensation and Perception (3)

PSY 324 Memory and Cognition (3)

Developmental

PSY 341 Developmental Psychology, SB (3)

Social

PSY 350 Social Psychology, SB (3)

PSY 351 Honors Social Psychology, L or SB (3)

Note: If a nonpsychology 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 course work. Internship credit and teaching assistant credit may not be used to satisfy this requirement. For more information, please contact a psychology advisor.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to pursue a minor in psychology may do so with the permission of the department, school or college of the major as well as the

advisor in the Department of Psychology. An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
Department of Psychology
<https://psychology.clas.asu.edu/undergrad/advising/degreeeq>
PSY 202
psych.advisor@asu.edu
480-965-7258

Public Relations and Strategic Communications Minor (HSPRSMIN)

Campus: West

Description:

The minor in public relations and strategic communications, offered by the School of Social and Behavioral Sciences, 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 will refine the presentation skills needed for public and community relations.

Program Requirements:

The minor consists of 18 credit hours of upper-division course work, including nine credit hours of required course work and nine credit hours of electives. All students are required to complete a minimum of six upper-division credit hours offered by the School of Social and Behavioral Sciences.

Required core courses: (9 credit hours; choose three courses)

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)

Elective courses: (9 credit hours; choose three courses)

COM 259: Communication in Business and the Professions (3)
COM 400 Communication in Professions, HU, C (3)
COM 414 Crisis Communication (3)
COM 429 Semiotics and Visual Communication (3)
COM 450 Theory and Research in Organizational Communication, SB (3)
COM 457 New Media (3)
COM 459 Theory and Methods of Social Media Networks (3)
COM 484 Internship*
ENG 301 Writing for Professions, L (3)
ENG 311 Persuasive Writing, L (3)
ENG 410 Writing for Publication (3)
ASB 374/POS 374/SBS 374/SOC 374 Cultures and Politics of the Internet (3)
or any unused courses from the "required core courses" list above

*See SBS academic advisor for additional information.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in public relations and strategic communications is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/public-relations-and-strategic-communications-minor>
FAB S105
SBSadvising@asu.edu
602-543-6058

Public Service and Public Policy Minor (PPPAFMIN)

Campus: Downtown Phoenix

Description:

The minor 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 and 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 minor has an applied and professional focus which can enhance many other majors and will make students more competitive in securing public sector jobs.

Program Requirements:

The minor in public service and public policy requires 18 credit hours.

Required Courses:

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 from the following list)

PAF 201 Economics and Public Policy, SB (3)
PAF 410 Building Leadership Skills, SB (3)
PAF 420 Public Leadership (3)
PAF 470 Topics in Public Economics and Financial Management (3)
PAF 471 Public Policy Analysis (3)
URB 300 Urban and Metropolitan Studies (3)
URB 305 Urban Governance (3)

Other related electives may be selected with advisor approval.

A total of 12 credit hours must be taken in the School of Public Affairs at ASU.

To earn the minor, students must complete all course work in the minor with a minimum grade of "C" (2.00 on a 4.00 scale) or higher.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students wishing to pursue a minor should consult an academic advisor in the unit offering the minor to ensure the appropriate courses are taken. Students should also consult an academic advisor in the college or department of the major to ensure the college or department of the major recognizes the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Public Service and Community Solutions, 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:

A minor in real estate is designed to provide an understanding of the real estate industry and to complement the major area of study. The minor program consists of a strong foundation that includes real estate fundamentals, law, appraisal and land development. Students may choose from a variety of courses such as investing, economics and urban issues to complement the foundation. Students who complete the minor will have established a competitive knowledge base for careers in the real estate industry.

Program Requirements:

Students must complete a minimum of 18 credit hours, including 12 hours of required courses and six credit hours of electives.

Students must complete a minimum of 12 hours of resident credit for the minor. All courses must be completed with a grade of "C" (2.00) or higher.

The upper-division business courses required or elected for this minor will be restricted to students with 56 earned credit hours, a minimum 2.50 ASU GPA and completed course prerequisites.

Upper-Division Courses:

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:

ALA 100 Introduction to Environmental Design, HU, H, G (3)

CON 472 Development Feasibility Reports, L (3)

GCU 361 Urban Geography, SB (3)

PUP 434 Economic Development Planning, L or SB (3)

REA 441 Real Estate Land Development (3)

SGS 310 Global Urban Systems (3)

SOS 325 The Economics of Sustainability (3)

URB 300 Urban and Metropolitan Studies (3)

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Business, W. P. Carey School of
Department of Finance
<http://my.wpcarey.asu.edu/undergrad/academics/real-estate-minor.cfm>
BA 160
wpcareyug@asu.edu
480-965-4227

Recreation Management Minor (PPRECMIN)

Campus: Downtown Phoenix

Description:

The minor 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 business, education, nursing, public affairs, social work and many others might find this program a beneficial supplement to their existing program. Students interested in the recreation management minor may also be interested in the school's therapeutic recreation 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:

PRM 120 Leisure and the Quality of Life, SB (3)
PRM 303 Program Planning (3)

Electives: (choose three courses from the following list)

CRD 302 Inclusive Community Development, C (3)
CSM 201 Introduction Community Sports (3)
PRM 304 Recreation Planning and Facility Development, L (3)
PRM 315 Community Recreation Systems (3)
PRM/CSM 335 Sports and Recreation for Youth Development (3)
PRM 364 Foundations of Recreation Therapy, SB (3)
PRM 475 Entrepreneurial Recreation and Tourism (3)
PRM 486 Special Events Management (3)
PRM 494 Special Topics (3)

Standards

- 15 hours of graded classroom course work
- minimum "C" (2.00 on a 4.00 scale) grade required for all classes in the minor
- minimum GPA of 2.00 for those pursuing the minor, a major or premajor, other than parks and recreation management
- should be a junior to take 400-level courses
- no double counting of courses for a major and the minor

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue the recreation management minor should consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward both the major degree and the minor. Students pursuing a bachelor's degree in parks and recreation management are not eligible to complete this minor.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Religious Studies Minor (ASRELMIN)

Campus: West

Description:

The minor in religious studies, offered by the School of Humanities, Arts and Cultural 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 of religious studies course work, of which 12 must be upper-division hours (300 or 400 level). Only courses in which the student earns a minimum grade of "C" (2.00) can be counted toward the minor. Courses are to be selected in consultation with a program advisor to create a coherent and complete program of study for the minor.

Courses are to be selected from the following list, in consultation with an advisor, to create a coherent and complete program of study:

- 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 300 The Future of Religions, 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 Women and Religion, HU, G (3)
- REL 391 Historical Perspectives on Philosophy and Religion (3)
- REL 401 Sacred Scriptures and Social Choices, HU, G (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in religious studies is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors

and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/religious-studies-minor>
FAB N201
harc sadvising@asu.edu
602-543-4444

Religious Studies Minor (LARELMIN)

Campus: Tempe, Online

Description:

A minor in religious studies encourages students to engage in a comparative, cross-cultural exploration of religions and cultures that complements a variety of undergraduate majors while promoting a deeper understanding of human nature and interaction. 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 in the upper division. 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 minimum grade of "C" (2.00 on a 4.00 scale).

The course REL 207 Ritual, Symbol, and Myth, L or HU (3) is required.

The remaining 15 credit hours will be chosen from courses available under the REL course prefix. For verification of the minor and assistance in course selection, students must consult an academic advisor in the School of Historical, Philosophical and Religious Studies.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to pursue a minor in religious studies may do so with the permission of the department, school or college of their major as well as an advisor in the School of Historical, Philosophical and Religious Studies.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the academic unit) of the student's major allows the official recognition of the minor and the college and academic unit of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the School of Historical, Philosophical and Religious Studies for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.
(<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
https://shprs.clas.asu.edu/religious_studies
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Romanian Minor (LAROMMIN)

Campus: Tempe

Description:

The minor in Romanian provides students with the means to develop their interests in social, cultural and political matters that are marked by a strong language dimension. Students are encouraged to participate in a study abroad program to enhance their education and overall minor experience. For more information go to <https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Program Requirements:

The Romanian minor consists of 18 credit hours of ROM courses beyond ROM 201. This minor is structured so that it requires all ROM courses to be at the upper-division level (300 and above).

Required courses include:

- 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)
- ROM 494 Topic: Advanced Romanian Grammar (3)*
- ROM 494/SLC 494 Dracula and Vampire Castles (3)

*Advanced Romanian Grammar I or II fulfills the requirement.

Requirements:

- A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses to be counted toward the minor.
- A minimum of six upper-division hours in the minor must be taken in residence at ASU.
- Pass/Fail courses cannot be used for the minor.
- ROM 101 through 201 are not applicable to the minor.
- Course substitutions are permitted for heritage speakers and other advanced speakers of Romanian.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

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.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
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. Russian is the fourth most commonly spoken language in the world (after Chinese, English and Spanish) and is the lingua franca of the former Soviet empire, with more than 300 million speakers worldwide. Since the fall of the Soviet Union in 1991, Russian, other Slavic languages and Central Asian languages remain strategic, critical languages, with government scholarships available to study abroad, do research and internships, and find jobs in government agencies.

The Russian language program cooperates with the Melikian Center to offer an interdisciplinary 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 RUS courses above the RUS 202 level.

SLV 304 Computational Linguistics of Slavic Languages, CS (3) and other SLV courses may be used toward the minor with advisor approval.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to add a minor in Russian may do so by contacting the School of International Letters and Cultures advising office.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Science, Technology and Society Minor (ECSTSMIN)

Campus: Polytechnic

Description:

The science, technology and society program offers a minor to students outside the science, technology and society major, regardless of their major field of specialization. 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 will enhance a degree in any area and arm 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, as follows:

- A minimum of six upper-division credit hours in the minor must be taken in courses offered through the College of Integrative Sciences and Arts.
- Courses that count toward the minor must have a grade of "C" (2.00 on a scale of 4.00) or higher.
- Twelve credit hours of upper-division science, technology and society courses are required.

One course in general science, technology and society and one in internationalization are required to complete the minor, as follows:

General:

STS 101 Introduction to Science, Technology and Society, SB (3) or STS 304 Science, Technology and Society, SB (3)

Internationalization:

STS 110 Global Technology and Development, SB, G (3) or STS 317 Science, Technology and Global Engagement, SB, G (3)

The following are examples of courses available to complete the minor:

STS 301 Research in Science and Technology Studies, 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 Cultivating Technology in Newly Industrializing 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, G (3)
STS 364 Science, Technology and National Security, SB (3)
STS 425 Law, Values, Science and Technology, SB (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

A GPA of 2.00 or higher (on a 4.00 scale) is required for all resident applicants.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Slavic Studies Minor (LASLVMIN)

Campus: Tempe

Description:

This minor focuses on Slavic languages and cultures with a concentration in either Bosnian/Croatian/Serbian or Polish. It is intended primarily for the students of other departments (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.

Required Courses:

any 300- or 400-level RUS, SLV, PLC or BCS literature or culture course (3)
BCS 311 and BCS 312 Bosnian/Croatian/Serbian Composition and Conversation I and II (6) or PLC 311 and PLC 312 Advanced Polish I and II (6)
SLV 304 Computational Linguistics of Slavic Languages, CS (3)

SLV 440 History of Slavic Languages, SB (3)
SLV 498 Pro-Seminar: Senior Capstone (1-7)

Notes for Minor:

A grade of "C" (2.00 on a 4.00 scale) or better is required in all courses counted toward the minor. A minimum of six upper-division hours in the minor must be taken in residence at ASU. Pass/fail courses cannot be used for the minor. No 201- or 202-level language courses are applicable to the minor. 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.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

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.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Social Welfare Minor (LASSWMIN)

Campus: Downtown Phoenix

Description:

The social welfare minor prepares students for work in human service settings where a fundamental knowledge of human relations is required. It complements careers in journalism, communications, public administration, nursing and related fields and provides a foundation for students who seek to pursue an MSW. The minor enhances and broadens the ability of students to analyze complex family, individual and societal problems in the context of societal values, cultural diversity and other social and economic variables. The minor also contributes to students' understanding of society and social behavior, encourages critical thinking and helps develop communication skills.

Program Requirements:

Students should:

- be at sophomore standing to take 300- or 400-level courses
- complete 18 credit hours of graded course work (internship or independent study not applicable)
- complete a minimum of 12 credit hours of resident credit at ASU
- complete SWU 171 as the prerequisite for all upper-division SWU courses
- earn a grade of "C" (2.00 on a 4.00 scale) or higher for all classes in the minor
- maintain a cumulative GPA of 2.00 (4.00 scale) or higher
- meet with a social welfare advisor prior to registration
- take a minimum of 12 credit hours of upper-division course work from the approved list

Required Courses:

SWU 171 Introduction to Social Work, SB, H (3)
SWU 291 Social Service Delivery Systems (3)

SWU 432 Social Policy and Services (3)

Select three credit hours from the following list:

SWU 374 Diversity and Oppression in a Social Work Context, C (3)

SWU 455 Social Work Practice Skills with Latinos (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)

Select six credit hours from the following list:*

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 498 Pro-Seminar, L (1-7)

*Note: Student may select one additional course from the cultural diversity in the U.S. options above.

Lower-division credit hours required: 6

Upper-division credit hours required: 12

Total credit hours required: 18

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Please meet with a social welfare advisor prior to registration.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Public Service and Community Solutions, 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 in social and behavioral sciences, offered by the School of Social and Behavioral Sciences, provides students an interdisciplinary lens across several fields of the social and behavioral sciences, including communication, sociocultural anthropology, geography, political science, psychology and sociology.

Program Requirements:

The minor consists of 18 credit hours, at least 12 credit hours of which must be in upper-division courses and at least six credit hours taken from the New College of Interdisciplinary Arts and Sciences.

All courses must be completed with a minimum grade of "C" (2.00 on a scale of 4.00). Students wishing to pursue a 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:

SBS 200 Introduction to Social and Behavioral Sciences, SB (3)

Select one additional course from the following list:

COM 308 Advanced Research Methods in Communication, L (3)

COM 309 Rhetorical, Interpretive and Critical Methods in Communication (3)

PSY 290 Research Methods, L or SG (4)

SBS 302 Qualitative Methods (3)
SBS 303 Quantitative Methods (3)
SOC 391 Research Methods, L or SB (3)

Electives (12 credit hours)

A maximum of three semester hours of internship and three semester hours of individualized instruction may be used to fulfill requirements. Courses approved for the 12 credit hours in the minor would come from one of the approved themes from the major.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in social and behavioral sciences is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>) for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
FAB S105
SBSadvising@asu.edu
602-543-6058

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. Specifically, students minoring in sociocultural anthropology will be expected to demonstrate knowledge and skill in the following areas:

- anthropological approaches to and explanatory frameworks for the study of social issues in culture and political economy
- application of theoretical knowledge to understanding sociocultural practices across local and global contexts
- awareness of cultural, ethnic, gender, sexual, class and age differences and commonalities across world social formations
- critical thinking and analytical reasoning
- development of their own anthropological perspective for use in their everyday lives and future studies or employment
- effective oral presentation and written communication
- interpretation of cultural practices, social theory and social texts
- qualitative research methods in anthropology and other social sciences and interpretive humanities, including ethnographic field research and library research

Program Requirements:

This minor requires 18 credit hours, at least 12 of which must be in upper-division courses.

The required courses are ASB 311 and SBS 302. The remaining 12 credit hours may be drawn from ASB courses and from several key SBS

courses. All courses must be passed with a minimum grade of "C" (2.00) or higher. Up to six credit hours of lower-division courses and three credit hours of ASB 499 Individualized Instruction may also be applied toward the minor.

Complete two required courses: (6 credit hours)

ASB 311 Principles of Social Anthropology, SB, G, H (3)

SBS 302 Qualitative Methods (3)

The other 12 hours may be selected from all ASB course offerings, including:

ASB 102 Culture in a Globalizing World, SB, G (3)

ASB 211 Women in Other Cultures, HU or SB, G (3)

ASB 319 The North American Indian (3)

ASB 339 Grassroots Social Movements, SB (3)

ASB 340 Migration and Culture, SB, G (3)

ASB 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 Death and Dying in Cross-Cultural Perspective, HU or SB, G (3)

ASB 356 Central American Studies, SB, G (3)

ASB 374 Cultures and Politics of the Internet, SB (3)

ASB 389 Ethnographic Field Lab (1-6)

ASB 394 Special Topics (1-4)

ASB 402 Visual Anthropology

ASB 442 Urban Studies, SB (3)

ASB 447 Citizenship, Nationalism and Identity, SB, C (3)

ASB Electives (3)

SBS 301 Cultural Diversity, L or SB, C (3)

SBS 450 Topics in Local/Global, SB, G (3)

SBS 480 Global Justice, G (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in sociocultural anthropology is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/sbs/college-advising> (<https://newcollege.asu.edu/sbs/college-advising>) for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/sociocultural-anthropology-minor>

FAB S105

SBSadvising@asu.edu

602-543-6058

Sociology Minor (ASSOCMIN)

Campus: West

Description:

The minor 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 will learn how it enhances one's understanding of social realities and institutions at local, national and international levels, and how sociology 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 requires 18 credit hours in sociology, of which 12 credit hours must be upper-division courses.

Required Courses:

SOC 101 Introductory Sociology, SB (3)

Select one course from the following list:

SBS 303 Quantitative Methods (3)

SBS 304 Social Statistics I, CS (3)

SOC 390 Social Statistics I, CS (3)

SOC 391 Research Methods, L or SB (3)

SOC 483 History of Social Thought, SB (3)

SOC 486 Contemporary Theory, SB (3)

Additional Sociology Electives (12 credit hours)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in sociology is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Please see the School of Social and Behavioral Sciences website at <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>) for more information.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>

FAB S105

SBSadvising@asu.edu

602-543-6058

Sociology Minor (LASOCMIN)

Campus: Tempe, Online

Description:

A minor in sociology from the Sanford School of Social and Family Dynamics exposes students to the basic course work and issues within the discipline. This program provides an exceptional balance to studies in psychology, communication, education, business and nursing.

Program Requirements:

The minor in sociology requires 18 credit hours, of which 12 credit hours must be upper-division courses. A minimum of four upper-division SOC courses must be completed from offerings on the Tempe campus.

Required Courses:

SOC 101 Introductory Sociology, SB (3)

SOC 391 Research Methods, L or SB (3) or SOC 483 History of Social Thought, SB (3) or SOC 486 Contemporary Theory, SB (3)

12 credit hours of SOC electives, of which a minimum nine credit hours must be upper-division

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to pursue a minor in sociology may do so with the permission of the department, school or college of their major as well as the advisor in the Sanford School. An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. Students should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.
(<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
SS 144
email@thesanfordschool.org
480-965-6978

Spanish Minor (ASSPAMIN)

Campus: West

Description:

The minor in Spanish, offered by the School of Humanities, Arts and Cultural Studies, consists of three emphases: language, literature and cultures. These emphases are integrated within the discipline and with other disciplines within the New College of Interdisciplinary Arts and Sciences. The minor allows credit for internships in social and business agencies. This school-to-work experience, in addition to offering the student possible entry-level job opportunities, provides stimulating linguistic and cultural rewards outside the traditional campus environment.

Program Requirements:

The minor in Spanish consists of 18 upper-division credit hours (300 or 400 level), chosen in consultation with an academic advisor in the School of Humanities, Arts, and Cultural Studies.

Preparatory course work may not be used to satisfy minor requirements. Preparatory course work includes lower division language courses and SPA 313/SPA 314 Spanish Conversation and Composition and SPA 315/SPA 316 Spanish Conversation and Composition for Bilinguals

Students must complete all course work in the minor with a grade of "C" (2.00) or better. No pass/fail credit may be used for minor requirements.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in Spanish is open to all ASU undergraduate minors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/spanish-minor>
FAB N201
harcadvising@asu.edu
602-543-4444

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. There are opportunities to participate in study abroad programs, which can serve to enhance a student's minor experience and education. For more information go to <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Program Requirements:

The minor in Spanish requires a total of 21 credit hours, 18 hours of which must be upper-division. Course substitutions are allowed for heritage and advanced speakers of the language. Visit <https://international.clas.asu.edu/student-life/academic-advising/placement-testing> (<https://international.clas.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 courses.

Required courses: (12 credit hours)

SPA 202 Intermediate Spanish, G (4) or SPA 204 Intermediate Spanish for Bilinguals, G (4)*
SPA 313 Spanish Conversation and Composition, G (3) or SPA 315 Spanish Conversation and Composition for Bilinguals, C (3)
SPA 314 Spanish Conversation and Composition, G (3) or SPA 316 Spanish Conversation and Composition for Bilinguals, L, C (3)
SPA 412 Advanced Conversation and Composition, G (3)

*Three of the four credit hours from SPA 202 or SPA 204 are counted toward the minor. The additional credit hour is credited toward university elective hours.

In addition to 12 credit hours in required courses, student complete nine credit hours from one of three tracks provided to permit specializations beneficial to their personal or academic goals:

Spanish language studies track: (9)

Required course:

SPA 413 Advanced Spanish Grammar, G (3)

One course from:

SPA 400 Introduction to Spanish Linguistics (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)

One course from:

SPA 394 Topic: Hispanidades: Documenting Local Culture (3)

SPA 484 Internship (3)

SPA upper-division study abroad course (3)

Spanish literary and cultural studies track (9)

Required course:

SPA 325 Introduction to Hispanic Literature, HU (3)

One course from:

SPA 425 Foundational Texts of Spain, 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 Jaiton 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)

One course from:

SPA 319 Business Correspondence and Communication, G (3)

SPA 394 Special Topics (3)

SPA 400-level (3)

Spanish linguistics track: (9)

Required course:

SPA 400 Introduction to Spanish Linguistics (3)

Two courses from:

SPA 417 Spanish Phonetics and Phonology, (3)

SPA 418 Spanish Syntax (3)

SPA 419 Language Variations of Spanish (3)

SPA 420 Applied Spanish Linguistics, L (3)

SPA 421 Spanish in the Southwest, C (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for all courses toward the minor. Pass/fail courses cannot be used. A minimum of six upper-division credit hours must be taken from courses offered by the College of Liberal Arts and Sciences. Some upper-division course options have additional prerequisites.

Students who test into higher Spanish language courses may need overrides to enroll.

Certain courses can be completed in faculty-directed summer study abroad programs. More information on study abroad opportunities can be found at <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

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.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Spanish Minor (LSSPAMIN)

Campus: Downtown Phoenix, Online

Description:

The series of courses in this 18 credit hour minor will help students hone Spanish communication skills and cultural knowledge that will help them serve the needs of the U.S. Latino community in professional settings (i.e., criminology, education, health care, journalism, social work). The combination of professionally focused courses and practical experience in this minor will enhance 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:

Prerequisite: SPA 314 or SPA 316 or permission of instructor.

Required Courses: (12 credits)

SPA 317 Spanish for the Professions (3)
SPA 404 Spanish in U.S. Professional Communities, C (3)
SPA 405 Latino Cultural Perspectives for the Professions, C (3)
SPA 484 Internship (3)*

Elective Course Options: (six credits chosen from the following list)

SPA 300- or 400-level Spanish courses focused on the professions (e.g., business, education, engineering and urban planning, health care, journalism, legal and justice studies, medical or legal interpretation, social work, sustainability) (3)
SPA 403 Spanish Grammar and Stylistics for the Professions (3)

All courses for this minor will require a minimum grade of "C" (2.00 on a 4.00 scale) or better to receive credit toward fulfilling minor requirements.

*Prerequisite: A minimum of 12 credit hours completed in this minor and permission of the director of the Spanish minor is required.

Depending upon a student's undergraduate program of study, additional prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

For additional admission and registration requirements, please visit the school website.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>
cisa@asu.edu

Special Events Management Minor (HSEVNMIN)

Campus: Downtown Phoenix

Description:

The minor 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 will be 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 and many others find this program a beneficial supplement to their existing program. For more information, access the school's website.

Program Requirements:

The minor requires 15 credit hours: six credit hours of required courses and nine credit hours of elective courses.

Required Core Courses:

PRM 486 Special Events Management (3)

PRM 487 Advanced Special Events Management (3) or CSM 485 Sports Events (3)

Electives: (choose three courses from the following list)

NLM 300 Fund Raising and Resource Development (3)

PRM 303 Program Planning (3)

PRM 304 Recreation Planning and Facility Development, L (3)

PRM 475 Entrepreneurial Recreation and Tourism (3)

PRM 484 Internship (1-12)

TDM 205 Introduction to Travel and Tourism, G (3)

TDM 345 Meeting and Convention Planning (3)

TDM 350 Tourism, Recreation and Sports Marketing (3)

TDM 458 International Tourism, G (3)

Standards:

- 15 credit hours of graded course work (no independent study)
- minimum grade of "C" (2.00 on a 4.00 scale) required for all classes in the minor
- minimum GPA of 2.00 for those pursuing the minor
- a major other than parks and recreation management or tourism development and management
- should be a junior to take 400-level courses
- no double counting of courses for a major and the minor

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue the special events management minor should consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward the major degree and the minor. For example, students pursuing a BS degree in either parks and recreation management or tourism development and management are not eligible to complete this minor.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>

UCENT 500

scrd@asu.edu

602-496-0550

Speech and Hearing Science Minor (LASHSMIN)

Campus: Tempe

Description:

The Department of Speech and Hearing Science offers an undergraduate minor in speech and hearing science. This is an academic program with emphasis on normal aspects of speech, language and hearing.

Program Requirements:

The minor in speech and hearing science consists of 24 credit hours, and though the following classes are required, students are strongly encouraged to visit an advisor from the Department of Speech and Hearing Science at ASU:

SHS 105 Introduction to Human Communication Disorders (3)

SHS 250 Introduction to Phonetics (3)

SHS 310 Anatomical and Physiological Bases of Speech (3)

SHS 311 Hearing Science (3)

Choose one from the following:

SHS 367 Language Science, SB (3)

SHS 375 Speech Science (3)

The remainder of the credits must come from the following courses:

SHS 401 Introduction to 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)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Health Solutions, College of

Department of Speech and Hearing Science

<https://chs.asu.edu/shs/speech-hearing-science-minor>

COOR 2211

shsadvise@asu.edu

480-965-2374

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, and in the life and social sciences where there is a need for quantification in the analysis of phenomena.

Program Requirements:

The minor in statistics consists of 18 to 20 credit hours, of which at least 12 hours are 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:

MAT 271 Calculus with Analytic Geometry II, MA (4) or MAT 266 Calculus for Engineers II, MA (3)

MAT 272 Calculus with Analytic Geometry III, MA (4) or MAT 267 Calculus for Engineers III, MA (3)

MAT 300 Mathematical Structures, L (3)

STP 420 Introductory Applied Statistics, CS (3)

STP 421 Probability (3)

STP 427 Mathematical Statistics (3) or STP 429 Experimental Statistics, CS (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of

School of Mathematical and Statistical Sciences

<https://math.asu.edu/>

WXLR 211

math@asu.edu

480-965-7195

Studio Art Minor (HISTARTMIN)

Campus: Tempe

Description:

The art minor or BIS concentration in studio art is designed for students who have an interest in studio arts but are pursuing another major. The program includes foundation art courses that address formal issues in art and upper-division courses that develop a conceptual basis for the student while increasing technical proficiency in one or more studio areas. Course work in art history, both lower and upper division, helps foster critical understanding of aesthetics and the production of art. The designated course work is flexible enough for students to concentrate in a single area of the studio arts or explore several mediums.

Program Requirements:

The minor requires 21 credit hours (12 upper-division) in studio art and art history, art education or a related area of study.

Core Studio (6)

Required:

ART 110 Drawing as Seeing and Thinking, HU (3)

Complete one of the following: (3)

ART 112 2-D Design (3)

ART 113 Color (3)

ART 115 3-D Design (3)

ART 116 Introduction to Digital Media (3)

Studio Courses* (9)

Choose three from the following courses:

ART 311 Drawing III (3)
ART 314 Life Drawing II (3)
ART 323 Painting II (3)
ART 327 Watercolor II (3)
ART 331 Sculpture II (3)
ART 333 Foundry Casting Methods (3)
ART 346 3-D Computer Imaging and Animation, CS (3)
ART 351 Intaglio I (3)
ART 352 Lithography I (3)
ART 354 Screen Printing I (3)
ART 360 Ceramic Throwing (3)
ART 364 Ceramic Handbuilding I (3)
ART 365 Ceramic Handbuilding II (3)
ART 376 Woven Structures I (3)
ART 377 Surface Design (3)
ART 394 ST: Beginning Relief (1-4)
ART 394 ST: Ceramic Vessels (1-4)
ART 394 ST: Fantasy Figure Foam Carving (1-4)
ART 394 ST: Figurative Sculpture (1-4)
ART 394 ST: Maker Workshop (1-4)
ART 394 ST: Mixed Media: Collage (1-4)
ART 394 ST: Printmaking in Greece (1-4)
ART 394 ST: Slipcasting (1-4)
ART 427 Art on Paper (3)
ART 432 Neon Sculpture (3)
ART 439 Intermedia Studio (3)
ART 442 Art and Community (3)
ART 443 Intermedia Performance (3)
ART 445 Digital Processes for Printmaking (3)
ART 453 Experimental Printmaking: Expanding the Matrix (3)
ART 456 Fine Printing and Bookmaking I (3)
ART 458 Papermaking (3)
ART 459 Monoprinting (3)
ART 461 Polymer Plate Prints (3)
ART 494 ST: Artists' Books (1-4)
ART 494 ST: Blacksmithing (1-4)
ART 494 ST: Digital Compositing (1-4)
ART 494 ST: Drawing in Florence (1-4)
ART 494 ST: Enameling (1-4)
ART 494 ST: Foundry (1-4)
ART 494 ST: Illumination Systems (1-4)
ART 494 ST: Metalworking (1-4)
ART 494 ST: Photogravure (1-4)
ART 494 ST: Summer Foundry Workshop (1-4)

*Other 300- or 400-level courses may be taken if appropriate prerequisites are met or with instructor approval.

Art History (3)

Choose one of the following:

ARS 101 Art from Prehistory Through Middle Ages, HU, H (3)
ARS 102 Art from Renaissance to Present, HU, H (3)

Art History, Art Education or Related Departmental Courses (3)

Choose one of the following:*

ARA 311 Art Appreciation and Human Development, HU (3)
ARE 301 Studio Art and Human Development (3)
ARE 370 Teaching Visual Culture (3)

ARE 440 Interdisciplinary Art Education (3)
ARE 446 Multicultural Issues in Art Education (3)
ARE 494 ST: Child Art Development (1-4)
ARS 310 The Renaissance in Tuscany (3)
ARS 340 Art in America, HU, H (3)
ARS 394 ST: Ancient Art and Culture (1-4)
ARS 394 ST: Art and Myth of the Classical World (1-4)
ARS 394 ST: Egyptian Art and Culture (1-4)
ARS 394 ST: Italian Baroque Art (1-4)
ARS 394 ST: Italian Renaissance Art (1-4)
ARS 394 ST: Medieval Art (1-4)
ARS 402 Art of Ancient Egypt, HU, H (3)
ARS 404 Greek Art, HU, H (3)
ARS 406 Roman Art, HU, H (3)
ARS 414 Romanesque Art, HU, H (3)
ARS 417 Late Gothic Art in Central Europe (3)
ARS 418 German Renaissance and Reformation Art, HU (3)
ARS 435 The Pre-Raphaelites (3)
ARS 437 British Culture and Empire (3)
ARS 438 Art of the 20th Century I, HU, H (3)
ARS 439 Art of the 20th Century II, HU, H (3)
ARS 440 Identity and World Film (3)
ARS 465 Native Art of North America, HU, C, H (3)
ARS 466 Native American Art of the Southwest, HU, C, H (3)
ARS 468 Art of the Arctic and Northwest Coast, HU, C, H (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor. Please contact the department for more information.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu>
CDS 101
herbergeradvising@asu.edu
480-965-4495

Sustainability Minor (SUSUSMIN)

Campus: Tempe, Online

Description:

Students in the sustainability minor will learn about the concept of sustainability and how it may be used to develop solutions to pressing issues affecting society, organizations and the world. The minor introduces sustainability principles and explains how sustainability can be applied to all academic disciplines and professional fields. Students will explore the challenges of sustainability within human institutions, organizations, cultures and technology, and in local, national and international contexts. The minor is intended to draw from and inform any major in the university.

Program Requirements:

The sustainability minor requires 18 credit hours of study, at least nine of which must be upper-division courses. 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.

Required Core Courses:

SOS 100 Introduction to Sustainability (3), G

SOS 300 Advanced Concepts and Integrated Approaches in Sustainability (3)

Required Theme Courses:

two courses, each one from a different sustainability theme area (6)

Courses for the following theme areas can be found at: <https://schoolofsustainability.asu.edu/docs/sos/sustainability-minor.pdf>
(<https://schoolofsustainability.asu.edu/docs/sos/sustainability-minor.pdf>)

- coupled human-environment systems
- earth systems
- human transformation of the earth
- social, political and economic treatment of natural resources and environment

Upper-Division Sustainability-Related Electives:

two 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 course selection. Possible courses for these electives can be explored at <https://schoolofsustainability.asu.edu/degrees/undergraduate-courses> (<https://schoolofsustainability.asu.edu/degrees/undergraduate-courses>) but still need to be approved by an academic advisor.

Depending upon a student's undergraduate program of study, prerequisite courses may be required to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to declare a minor in sustainability should obtain advisor approval from the department, school or college of their major. The sustainability minor is available to students pursuing a major outside of the School of Sustainability.

Note: Courses taken as part of a minor may not count toward both the major degree and the minor. Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. For example, this minor is not available to business students pursuing the sustainability concentration.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.
(<http://asuonline.asu.edu/request-info>)

Contact Information:

Sustainability, School of

School of Sustainability

<https://schoolofsustainability.asu.edu/degrees/sustainability-minor>

WGHL 108

sustainabilityminor@asu.edu

480-727-6963

Sustainable Tourism Minor (PPTDMSMIN)

Campus: Downtown Phoenix

Description:

As sustainability expands in popularity as a discipline, students are looking to find ways to better understand how they can apply the principles of sustainability to specific areas of interest. A minor in sustainable tourism development will allow students from any major to learn the basic concepts and theories of tourism development and management and will help them identify ways in which tourism can contribute to sustainable development, locally and globally.

The minor allows students enrolled in other undergraduate programs at ASU to broaden their educational experiences. Students from such various disciplines as sustainability, business and many others will find this program a beneficial supplement to their existing program. Students may also choose 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:

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 Courses:

PRM 475 Entrepreneurial Recreation and Tourism (3)

TDM 394/494 Special Topics (3)

TDM 448 Heritage and Cultural Tourism (3)

TDM 481 Sustainable Food Management in Tourism (3)

TDM 482 Sustainable Revenue Management (3)

Standards:

- 15 hours of graded classroom course work (no internship, no independent study)
- minimum "C" (2.00 on a 4.00 scale) grade required for all classes in the minor
- minimum GPA of 2.00 for those pursuing the minor; a major other than tourism development and management
- should be a junior or higher to take 400-level courses
- no double counting of courses for a major and the minor

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, a student may have that accomplishment officially recognized on the ASU transcript at graduation if the college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue the sustainable tourism minor should consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward both the major degree and the minor. For example, students pursuing a BS in tourism development and management are not eligible to complete this minor.

Contact Information:

Public Service and Community Solutions, College of

College of Public Service and Community Solutions

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Theatre Minor (FATHEMIN)

Campus: Tempe

Description:

Students pursuing the theatre minor will study the literatures, histories and basic production practices of theatre while having opportunities to concentrate in an area such as:

- design and production
- directing and performance
- new work development
- theatre and performance studies
- theatre for youth

Program Requirements:

The school offers a minor in theatre consisting of 22 credit hours of course work (nine 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.

The following courses are required, for a total of 13 credit hours:

FMP 201 Film: The Creative Process I, HU (3)*

THE 100 Introduction to Theatre, HU (3)

THE 322 Theatre History and Culture, HU, H (3)

THF 101 Acting Introduction (3)

THP 201 Theatre Production Crew (1)

*Students considering a minor in film concurrently must complete an additional course in theatre or film to make up for the overlapping FMP 201 course (and THF 101, if taken for the filmmaking practices concentration).

Also required are nine credit hours of upper-division course work related to theatre. Choose from courses with the FMP, THE, THF or THP prefix. Contact the school for options and course requirements.

Courses ordinarily limited to majors only are available to minors on a second-priority basis; that is, minors may not register for these courses early but are allowed to register after all majors' needs have been met.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Tourism Development and Management Minor (PPTDMMIN)

Campus: Downtown Phoenix

Description:

The minor 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 will begin to prepare students for successful careers in the fast-growing travel and tourism industry. According to the World Tourism Organization and the World Travel and Tourism Council, the travel and tourism industry is the largest industry and employer in the world. It is the third-largest industry in the United States and ranks as the second-largest industry in Arizona.

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 in tourism development and management, a student may also complete a certificate in convention sales and meeting planning. For more information, access the school's website. Students may also 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:

TDM 205 Introduction to Travel and Tourism, G (3)

TDM 480 Sustainable Tourism (3)

Elective Courses: (choose three from the following list)

CSM 483 Sports Tourism (3)

PRM 486 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 394/494 Special Topics (3)

TDM 415 Tourism Transportation Systems (3)

TDM 448 Heritage and Cultural Tourism (3)

TDM 458 International Tourism, G (3)

Standards:

- 15 hours of graded classroom course work (no internship, no independent study)
- minimum grade of "C" (2.00 on a 4.00 scale) required for all classes in the minor
- minimum GPA of 2.00 for those pursuing the minor, a major or premajor, other than tourism development and management
- students should be a junior to take 400-level courses
- no double-counting of courses for a major and the minor

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor. Students wishing to pursue the tourism development and management minor should consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward both the major degree and the minor. For example, students pursuing a BS in tourism development and management are not eligible to complete this minor.

Contact Information:

Public Service and Community Solutions, College of

College of Public Service and Community Solutions

<https://scrd.asu.edu>

UCENT 550

scrd@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 will gain general knowledge about the Chicana/o and Latina/o populations in the United States and on the U.S.-Mexico border. The core requirements will focus on this population's cultural, economic, sociological, historical, psychological, and artistic experiences. For 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
- visual arts

The minor will enhance students' understanding of the Chicana/o and Latina/o population in the United States, preparing them to work with this population in a wide variety of fields or careers.

Program Requirements:

The minor requires 18 credit hours of TCL course work, 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)

TCL 201 Transborder Society and Culture I: Interdisciplinary Approaches, HU, C (3) or TCL 202 Transborder Society and Culture II: Contemporary Issues, SB, C (3) AND TCL 331 Mexican American History to 1900, SB, H, C (3) or TCL 332 Mexican American History Since 1900, SB, H, C (3)

The remaining 12 elective hours are taken from TCL courses, and must include at least nine hours of upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students who wish to pursue a minor in transborder Chicana/o and Latina/o studies may do so with the School of Transborder Studies. An ASU student who is pursuing a degree at any ASU campus may elect to add a minor offered at any other ASU campus.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, 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

Description:

The planning minor introduces students to the field of urban, regional and environmental planning. Students can select courses that include:

- comprehensive planning
- planning law
- public policy formulation
- site planning
- socioeconomic and environmental analyses
- sustainable planning
- urban design

Many students continue to specialize in planning at the graduate level. Students in the urban planning minor are exposed to the theories, methods and practices of the profession.

Program Requirements:

A minimum of 18 credit hours are required for the minor, at least 12 of which must be upper-division.

Required Course:

PUP 301 Introduction to Urban Planning, L (3)

The remaining 15 credit hours (at least nine of which must be upper-division) must be chosen from among the following courses:

PUP 190 Sustainable Cities, HU or SB, G (3)

PUP 200 Cities in Cinema, HU, H, G (3)

PUP 363 History of Planning (3)

PUP 410 Public Participation in Planning (3)

PUP 412 History of the City, L or HU, H (3)

PUP 420 Theory of Urban Design, HU (3)

PUP 425 Urban Housing Issues (3)

PUP 430 Transportation Planning and the Environment (3)

PUP 432 Planning and Development Control Law (3)

PUP 433 Zoning Ordinances, Subdivision Regulations and Building Codes (3)

PUP 436 City Structure and Planning (3)

PUP 442 Environmental Planning (3)

PUP 444 Preservation Planning (3)

PUP 445 Women and Environments, C (3)

PUP 452 Ethics and Theory in Planning, L (3)

PUP 465 Sustainable Urbanism (3)

PUP 484 Internship (1-12)

PUP 485 International Field Studies, G (1-12)

PUP 494 Special Topics (1-4)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in urban planning is open to all students at ASU, except for those majoring in urban planning. Urban planning courses may be used for the minor or the major, but not for both.

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/>
COOR 5671
geoplan@asu.edu
480-965-7533

Urban and Metropolitan Studies Minor (PPURBMIN)

Campus: Downtown Phoenix

Description:

The minor 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. As the population in the state's urban areas continues to grow, so will the demand for leaders who are skilled in new and innovative ways with which to address the challenges such growth generates. 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: • 12 hours of residence credit at ASU

- 15 hours of course work with a "C" (2.00 on a scale of 4.00) or better in each course
- nine hours of upper-division course work from the approved list

Eligibility to pursue the minor requires a major other than urban and metropolitan studies.

Required Courses:

URB 300 Urban and Metropolitan Studies (3)

URB 305 Urban Governance (3)

Core Courses (choose two of the following):

PAF 302 Public Service Research Methods (3)

PAF 410 Building Leadership Skills, SB (3)

URB 220 Introduction to Urban America (3)

URB 240 Urban Policy, C (3)

URB 302 Urban Theory (3)

Urban Electives (select a combination of courses from the following prefixes): URB, PAF, POS, PUP, GPH, GCU, MGT, HST, SBS, SOS, ASB, SOC, WST, TWC, COM, CRJ, SWU, NLM, TDM, PRM

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

Students wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. Students should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Public Service and Community Solutions, College of

College of Public Service and Community Solutions

<https://spa.asu.edu/undergradminors>

UCENT 400

spa@asu.edu

602-496-0450

Wellness Foundations Minor (ECXWMIN)

Campus: Downtown Phoenix

Description:

The exercise and wellness program offers this minor to any ASU student interested in learning about health and wellness. Students will develop a greater understanding of the behavioral, psychological, social, cultural and environmental factors that impact personal wellness behaviors, healthy lifestyle choices and the onset of hypokinetic disease to assist them in enhancing their own wellness. This course of study does not prepare students to pursue national certifications for professional practice in fields of study related to health, fitness or wellness.

Program Requirements:

The minor in wellness foundations consists of 18 credit hours. The minor requires that students complete the following courses with a grade of "C" (2.00 on a scale of 4.00) or higher:

EXW 100 Introduction to Health and Wellness, SB (3)
EXW 325 Fitness for Life (3)
EXW 380 Body Image and Wellness (3)
HSC 210 Cultural Aspects of Health, C (3)
HSC 300 Complementary Healthcare (3)

One elective (3)

EXW Elective: (3 credit hours)

Three credit hours must be selected from the following approved list of electives:

EXW 344 Physical Activity in Health and Disease (3)
EXW 350 Substance Abuse and Addictive Behavior (3)
EXW 400 Stress Management for Wellness (3)
NTR 100 Introductory Nutrition (3) OR NTR 241 Human Nutrition (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, History and Sustainability (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/programs/exercise-wellness>
HLTHS 444AA
chs@asu.edu
602-496-3300

Women and Gender Studies Minor (ASWSTMIN)

Campus: West

Description:

The minor in women and gender studies, offered by the School of Humanities, Arts and Cultural Studies, is an interdisciplinary program emphasizing intersectional approaches to the study of gender, race, class, ethnicity and sexuality in national and transnational contexts.

Program Requirements:

The women and gender studies minor consists of 18 credit hours of course work, of which 12 credit hours must be upper-division (300 or 400 level).

Core Requirements: (6 credit hours)

HRC 200 Introduction to Social and Cultural Analysis (3)
WST 100 Women, Gender, and Society, SB, C (3)

Electives:

upper-division WST elective course work (12 credit hours)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

The minor in women and gender studies is open to all ASU undergraduate majors. Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college, school, or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and the college, school, or department of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure an appropriate set of courses is taken. The student should also consult an academic advisor in the major to make sure the minor is recognized and to have the minor added to the student's program of study.

Note: Certain major and minor combinations may be deemed inappropriate either by the college, school, or department of the major or minor. Please contact an academic advisor for more information. The Academic Affairs Manual (ACD 305-12) regulates undergraduate academic minors and expressly forbids double counting of courses between majors and minors.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/women-and-gender-studies-minor>
FAB N201
harc sadvising@asu.edu
602-543-4444

Women and Gender Studies Minor (LAWSTMIN)

Campus: Tempe, Online

Description:

The minor in women and gender studies provides students with an intensive, transdisciplinary liberal arts education that enables them to write well, think critically and analyze problems effectively. Students can take a variety of courses, including an option for a capstone seminar requiring original research and writing or an internship that can then prepare students for life after college. Original undergraduate research is encouraged, and some course options may involve studying community problems and formulating policy solutions.

Program Requirements:

The women and gender studies minor consists of 18 credit hours, 12 of which must be upper-division. A minimum "C" grade (scale is 4.00 = "A") is required for all courses in the minor.

Students take one of the following courses: (3 credit hours)

WST 100 Women, Gender and Society, SB, C (3) or WST 300 Women and Gender in Contemporary Society, SB, C (3)

Students choose one from the following courses: (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)

Twelve additional credit hours of women and gender studies electives must be taken and can be selected from any WST prefix course.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met and the college (and in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a minor may not count toward both the major degree and the minor. Please contact the department for more information.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<http://asuonline.asu.edu/request-info>)

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/women-and-gender-studies-minor>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Youth Services Leadership Minor (HSYSLMIN)

Campus: Downtown Phoenix

Description:

The minor in youth services leadership is designed to explore the area of youth leadership from the perspective of those who work face-to-face with youth in a variety of settings. The minor allows students enrolled in a variety of undergraduate programs at ASU to broaden their knowledge of youth services. Students from programs such as education, nursing, social work, criminal justice and others may find this program a beneficial supplement to their existing program.

Program Requirements:

The minor requires 15 credit hours, three credit hours of required courses and 12 credit hours of elective courses.

Required Core Course:

PRM 303 Program Planning (3)

Elective Courses: (choose four from the following list)

CRJ 204 Juvenile Justice (3)

CRJ 462 Gangs (3)

NLM 220 Introduction to Nonprofit Organizations (3)

NLM 310 Volunteer Management (3)

PRM 302 Inclusive Community Development, C (3)

PRM 364 Foundations of Recreation Therapy, SB (3)

PRM 394/494 Special Topics (3)

PRM 451/NLM 451 Grant Writing (3)

PRM 486 Special Events Management (3)

Standards:

- 15 hours of graded classroom course work (no internship, no independent study)
- minimum "C" (2.00 on a 4.00 scale) grade required for all classes in the minor
- minimum GPA of 2.00 for those pursuing the minor, a major or premajor, other than tourism development and management
- should be a junior to take 400-level courses
- no double counting of courses for a major and the minor

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements:

Students in most majors may pursue at least one minor and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if the college (and in certain colleges, the department) of the student's major allows the

official recognition of the minor.

Students wishing to pursue the youth services leadership minor should consult an academic advisor in the college or department of the major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Courses taken as part of a university minor may not count toward both the major degree and the minor.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu/>
UCENT 550
scrd@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:

Students must complete a minimum of 15 credit hours from the ACT courses listed below. In order to enroll in ACT courses, a minimum grade of "B" (3.00 on a 4.00 scale) is required for all prerequisite math, statistics and computer programming or applications course work.

ACT 310 Mathematics of Finance (4)*
ACT 415 Probability for Risk Management (3)*
ACT 430 Mathematics of Financial Derivatives (3)
ACT 435 Actuarial Business Forecasting (3)*
ACT 440 Life Contingencies I (3)*
ACT 441 Life Contingencies II (3)
ACT 450 Actuarial Models and Modeling I (3)*
ACT 451 Actuarial Models and Modeling II (3)

* Course requires additional prerequisites. To determine prerequisites for a course, please consult the class search.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

Although no specific degree is required for admission to the actuarial science certificate, 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 3.00 cumulative GPA (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.

Students admitted to study at Arizona State University are eligible to pursue the requirements of a certificate. In order to be admitted to the university, students must complete the university's online application. Please contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXLR 211
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 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, especially in Arizona.

Program Requirements:

The certificate consists of 24 credit hours, at least 18 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:

AFR 200 Introduction to Africana Studies, SB, G, H (3)

Elective Core Course:

AFR 300 Precolonial Africa, SB, G, H (3) or AFR 301 Race and Racism in Africa/African Diaspora, SB, G (3) or AFR 302 History of Black Women in America, SB, H (3) or AFR 305 The Global History of the Trans-Atlantic Slave Trade, SB, H (3)

Elective Courses:

The remaining 18 credit hours will be completed by selecting courses bearing the program prefix (AFR). No course may be used to satisfy more than one requirement for the undergraduate certificate.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students admitted to study at Arizona State University are eligible to pursue the requirements of a certificate. In order to be admitted to the university, complete the university's online admission application. Please contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation

<https://sst.clas.asu.edu/content/african-and-african-american-studies-certificate>

WILSN 125

SSTadvising@asu.edu

480-965-7682

American Indian Nation Governance Certificate (LAAIGVCERT)

Campus: Tempe

Description:

The American Indian Nation governance certificate is designed to prepare students to develop greater understanding and applicable knowledge of government and governance in Native American communities. The curriculum covers several themes that range from the history, policies and sovereign status of American Indians to the legal relationships between the Native American nations and the U.S. federal government as well as state governments. Students will be better prepared to work with Indian nations, federal and state agencies, and nonprofits, regardless of their academic major or place of employment.

Program Requirements:

The requirements include course work in American Indian studies (AIS prefix courses) and political science (POS prefix courses), including an optional applied internship. Students majoring in any subject at the university may be awarded the certificate upon the 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). As noted below, six American Indian studies credits are required and six political science credits are required. The student must select an additional three credits from the approved list of AIS and POS courses.

AIS core courses: (choose two of the following)

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 of the following)

POS 110 Government and Politics or 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 courses: (choose one of the following)

AIS 280 American Indian Sovereignty and the Courts, H, C (3)

AIS 285 Federal Indian Policy, H, C (3)

AIS 394 Topic: Reservation Economic Development (3)

AIS 455 Human Rights and Cultural Resource Laws (3)

AIS 484/POS 484 Internship (3)

AIS 498 Pro-Seminar, L (3)

Students earning the certificate must have a minimum GPA of 2.00; only courses in which students have a grade of "C" (2.00 on a scale of 4.00) or better count toward the certificate.

Depending upon a student's undergraduate program of study, prerequisites courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

In order to be admitted to the university, complete the university's online application. Please contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, College of
American Indian Studies Program
<https://americanindian.clas.asu.edu>
DISCOVERY 356
AIS@asu.edu
480-965-3634

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; providing sophisticated but easy-to-use means to manage and analyze that data; and to leverage those tools for making good decisions about projects, process designs and fundamental decision-making 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 to establish and evaluate 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 to complete and is available to all majors. At least 12 credit hours must be upper division.

Required courses include:

CIS 105 Computer Applications and Information Technology, CS (3)

CIS 308 Advanced Excel in Business (3)

CIS 309 Business Process Management (3)

CIS 311 Business Project Management (3)

CIS 405 Business Intelligence (3)

any statistics course (3)

To earn the certificate, students must complete all courses with a grade of "C" (2.00 on a scale of 4.00) or higher.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

The applied business and data analytics certificate is open to all ASU students. The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>). Please visit the following website for more information: <https://my.wpcarey.asu.edu/undergrad/academics/Applied-Business-Data-Ana...> (<https://my.wpcarey.asu.edu/undergrad/academics/Applied-Business-Data-Analytics-Certificate.cfm>).

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-applied-business-data-analytics?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Business, W. P. Carey School of
Department of Information Systems
<https://my.wpcarey.asu.edu/undergrad/academics/Applied-Business-Data-Analytics-Certificate.cfm>
BA 301P
wpcareyis@asu.edu
480-965-3352

Arabic Studies Certificate (LAARBCERT)

Campus: Tempe

Description:

The certificate program in Arabic studies provides students with skills that will enable and qualify them to communicate effectively in Arabic in the four areas of language acquisition:

- listening
- reading
- speaking
- writing

Simultaneously, students gain a 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 will enrich students' undergraduate experience and prepare 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 or thematic concentrations will 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 demonstrate proficiency in Arabic language at the intermediate level (ARB 202) or above and 18 hours of upper-division course work from the courses listed below. A grade of "C" (2.00 on a 4.00 scale) or better is required in each course.

Core courses: (9 credit hours)

ARB 311 Advanced Arabic Skills I (3) or ARB 411 Advanced Arabic Skills II (3)
ARB 321 Arabic Conversation I (3) or ARB 421 Arabic Conversation II (3)
ARB 331 Arabic/Islamic Culture and Literature (3)
ARB 335 Arabic Culture and Islam, G (3)
ARB 341 Quran Text and Women (3)
ARB 351 Classical Arabic Literature (3)

Elective courses: (9 credit hours)

ARB 336 Introduction to the Qur'an (3)
ARB 337 Hadith and Prophetic Tradition (3)
ARB 352 Modern Arabic Literature in Transition (3)
GCU 328 Geography of Middle East and North Africa, SB, G (3)
HST 307 Studies in African History, H (3)
REL 365 Islamic Civilization, HU, H, (3)
REL 366 Islam in the Modern World, HU, G (3)
REL 369 Women in Islam (3)
REL 460 Studies in Islamic Religion, HU, G (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must first be accepted into an appropriate degree program at ASU and will then apply directly to the director of the Arabic studies certificate in the School of International Letters and Cultures for admission into the certificate program.

The application will consist of:

name
address
phone number
email address
student ID number
major
year in college
anticipated graduation date
name of their advisor for the student's academic major

Please contact an academic advisor in the School of International Letters and Cultures for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Arts Entrepreneurship Certificate (HITHAECERT)

Campus: Tempe

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 will 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 including nine credit hours of required courses. Of the remaining credits, three credits must be taken from each category of electives shown below: arts business; and arts policy, community, or socially engaged arts. A grade of "C" or better is required in all courses.

Required Courses:

HDA 252 Foundations of Arts Entrepreneurship (3)
HDA 420 Design and the Arts Business Administration (3)
THP 452 Arts Entrepreneurship Seminar (3)*

*This is a culminating experience to the certificate program.

Electives:**Arts Business***

ARA 396 Professional Practices for Design and the Arts (3)
ARA 460 Gallery Exhibitions (3)
DSC 394 Design Entrepreneurship and Society (3)
FMP 417 Business Ethics in Entertainment (3)
FMP 494 Business of Media Industries (3)
MUE 494 Collaborative Entrepreneurship in the Arts (3)
MUP 494 The Enterprising Musician (3)
THP 351 Arts Management (3)
THP 450 Theatre Organization and Management (3)

Arts Policy, Community or Socially Engaged Arts

ARS 494 Arts and Public Policy (3)

ARS 498 Art and Politics, L (3)

ARS 441 Public Art (3)

HDA 310 Socially Engaged Practice (3)

MHL 494 Music and Movement in Urban Culture (3)

MUP 494 Music Product Creation and Development (3)

THP 482 Theatre for Social Change, C (3)

*Other course options may be approved by the certificate program coordinator.

Plan of study:

The plan includes a significant final project in the eighth semester seminar that serves as a capstone for the certificate:

Semester 4: HDA 252 Foundations of Arts Entrepreneurship (3), followed by application to the certificate program

Semester 5: Arts Business course from the list above (3)

Semester 6: HDA 420 Design and the Arts Business Administration (3)

Semester 7: Arts Policy, Community or Socially Engaged Arts course from list above (3)

Semester 8: THP 452 Arts Entrepreneurship Seminar (3)

Depending upon 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 arts entrepreneurship, meant to extend the study of an individual arts discipline, will be available only to current students with a major within the Herberger Institute for Design and the Arts. Students will be admitted to the certificate program upon completion of HDA 252 Foundations of Arts Entrepreneurship (3) with a grade of "B" or better and an overall GPA of 3.00 or higher. Students will 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.

Contact Information:

Design & the Arts, Herberger Institute for

School of Film, Dance and Theatre

<https://filmdancetheatre.asu.edu/>

CDS 101D

fdt@asu.edu

480-965-4495

Arts in Education Certificate (HIAEDCERT)

Campus: Tempe

Description:

The certificate in arts in education is specifically designed for prospective preK-8 educators who wish to enhance their teaching practices by developing the necessary skills to use the arts throughout the curriculum. 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 (12 upper-division). All upper-division courses must be completed with a minimum grade of "C" (2.00).

Arts Education Lower-Division Core: (choose two courses from this list)

ARA 195 Art in My World, HU (3)

ARA 218 Art and Visual Learning, 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: (choose three courses from this list)

ARA 311 Art Appreciation and Human Development, HU (3)
ARE 301 Studio Art and Human Development (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 List: (choose three credit hours from this list)*

ARS 300 Introduction to Art, HU (may receive credit for ARS 100 or 300) (3)
DCE 300 Moving Histories, HU (3)
DCE 301 Meaning in Motion, 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 (3)
DCE 405 Rhetorical Moves, L or HU (3)
MUP 442 Instrumental Ensembles (1-2)
MUP 443 Choral Ensembles (1-2)
MUP 450 Choral Union (1-2)
MUP 455 Men's Chorus (1-2)
MUP 457 Women's Chorus (1-2)
MUP 459 Barrett Choir (1 -2)
MUP 489 Ethnomusicology Ensembles (1)
MUP 494 Topic: Concert Band (1-2)
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, HU (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 Topic: Urban Dance Music Ensemble (1)
THE 322 Theatre History and Culture, HU, H (3)
THP 411 Methods of Teaching Drama (3)
THP 482 Theatre for Social Change, C (3)

*Some courses are fewer than three hours and may be repeated for credit.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student may pursue this certificate. Please see an advisor in the department for details.

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
<http://herbergerinstitute.asu.edu>
CDS 101
HerbergerAdmissions@asu.edu
480-965-4495

Asian Pacific American Studies Certificate (LAAPACERT)

Campus: Tempe

Description:

Asian Pacific American studies addresses the historical and contemporary experiences of Asian Americans and Pacific Islanders, what they have contributed to our society, and the complexity of racial formations in the U.S. The certificate program encourages students to learn about local Asian American and Pacific Islander communities and organizations through research, courses and community internships.

Program Requirements:

The certificate consists of 18 credit hours, of which at least 12 must be completed at the upper-division level. Nine hours will be a prescribed core and the remaining nine elective hours will be selected from any of the courses with an APA prefix. Examples of elective course options with the APA prefix include those shown in the list of elective courses below.

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)

Elective Courses: (9 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, 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 394 Special Topics (3)**

APA 450 Asian Pacific American Contemporary Issues, SB, C (3)

APA 484 Internship (3)

APA 494 Special Topics** (3)

APA 499 Individualized Instruction (1-3 credits; may be repeated for credit)

*Note: One APA 360 course is required for the core. The course may be repeated for credit with these different topics:

- Asian Pacific American psychology
- Chinese American
- Filipino American
- Japanese American
- Korean American
- Multiracial Experiences
- Pacific Islander
- South Asian
- Southeast Asian American

** APA 394 and 494 may be repeated for credit with different topics.

Other Requirements and Restrictions:

All courses for the certificate must have a "C" (2.00 on a 4.00 scale) grade or higher. A minimum of nine credit hours must be taken in residency at ASU.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students admitted to study at Arizona State University are eligible to pursue the requirements of a certificate. In order to be admitted to the university, complete the Admission Services online application. Please contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/content/asian-pacific-american-studies>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Asian Studies Certificate (LAASNCERT)

Campus: Tempe

Description:

The Asian studies certificate supplements a bachelor's degree and demonstrates knowledge of an Asian language as well as general knowledge of Asian history, art, culture and society. The certificate provides students with official transcript recognition of specialization in Asian studies related to their major area of study.

Program Requirements:

The certificate requires 24 credit hours of course work, including:

- 15 credit hours of upper-division area studies course work chosen from at least four disciplines, e.g., language and cultures, history, religious studies, anthropology, geography, political science, global studies, art, and music, as well as others upon approval
- nine credit hours combining lower-and-upper division courses from various disciplines*

*HST/REL 111 Introduction to Asia, HU, H, G (3) is recommended but not required.

In addition, certificate students must demonstrate proficiency in an Asian language at the intermediate level. The language requirement can be satisfied by completing the 201 and 202 sequence, one year of study abroad at the intermediate level or satisfactory placement on a proficiency exam. Asian languages include:

- Chinese
- Hindi
- Indonesian
- Japanese
- Korean
- Thai
- Vietnamese

Students pursuing an Asian studies certificate may apply courses whose subject matter is East, South and Southeast Asia to meet the certificate requirements. 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.

Depending upon a student's undergraduate program of study, 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 Asia. For U.S. Department of Education Gainful Employment Program Disclosure information, see: <https://catalog.asu.edu/files/disclosures/LAASNCERT/Gedt.html> (<https://catalog.asu.edu/files/disclosures/LAASNCERT/Gedt.html>).

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/minors>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Brazilian Studies Certificate (LABZSCERT)

Campus: Tempe

Description:

The certificate in Brazilian studies will allow students to present a plan of studies in line with current sociocultural circumstances and compete more successfully in the job market. The Brazilian studies program consists of 18 credit hours covering five essential components:

- proficiency in the Portuguese language at the intermediate level (POR 313 and POR 314)
- advanced skills development in third- and fourth-year language courses
- grounding in major texts of Brazilian literature
- examination of major themes in Brazilian popular and urban culture, with particular emphasis on Afro Brazilian society
- complementary courses in specific issues in Brazilian culture as offered by collateral department

Program Requirements:

The certificate in Brazilian studies requires 18 credit hours. A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work. At least 12 of the 18 required credit hours must be upper-division course work.

Required Courses:

Language (6 credit hours)

POR 313 Portuguese Composition and Conversation, G (3)

POR 314 Portuguese Composition and Conversation, G (3)

Four Content Courses: (12 credit hours; select from the following courses)*

GCU 323 Geography of Latin America, SB, G (3)

GCU/PUP 485 International Field Studies, G (1-12)

POR 321 Luso-Brazilian Literature, HU (3)

POR 394 Topic: Brazilian Culture (3)

POR 472 Luso-Brazilian Civilization, HU, G (3)

POR 492 Honors Directed Study (1-6)

POR 494 Topic: Afro-Brazilian Ritual and Performance (3)

POR 494 Topic: Brazilian Filmmaking (3)

POR 494 Topic: Brazilian Popular Culture (3)

POR 494 Topic: Brazilian Urban Narrative(3)

POR 494 Topic: Cinema Brasileiro (3)

POR 494 Topic: Sao Paulo (3)

POR 499 Individualized Instruction (1-3)

REL 332 South American Indian Religions, HU, G (3)

*Other content courses may be used with approval from an advisor in the School of International Letters and Cultures.

Depending upon a student's undergraduate program of study, 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 would be eligible for the Brazilian studies certificate program.

Once enrolled in the certificate, students must demonstrate proficiency in the Portuguese language at the intermediate level. In addition, the student must take POR 313 and POR 314 Portuguese Composition and Conversation as well as other courses in Portuguese language or Brazilian culture, for a total of 18 credit hours.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad/minor-certs>

LL 440

silcadvising@asu.edu

480-965-3752

Child Life Certificate (LACHLFCERT)

Campus: Downtown Phoenix, Tempe

Description:

Child life specialists are experts in child development who promote effective coping skills among children facing challenges related to health care and hospitalization. This transdisciplinary program offered through the School of Community Resources and Development and the T. Denny Sanford School of Social and Family Dynamics is designed to assist students to prepare for the national qualifying child life exam.

A portion of the national certification exam eligibility requirements, as outlined by the Child Life Council, are met by obtaining this certificate.

Program Requirements:

The certificate requires 21 credit hours. Courses taken as part of a university major may count toward both the degree and the certificate.

Required Courses:

CDE 337 Early Childhood Intervention (3)

CDE 450 Child Dysfunction in the Family (3)
PRM 364 Foundations of Recreation Therapy, SB (3)
PRM 384 Child Life Practicum (3)
PRM 406 Program Design and Administration in Recreation Therapy (3)
PRM 455 Play in Child Life (3)
PRM 460 Assessment and Documentation in Recreation Therapy (3)

Standards:

- A minimum of "B" (3.00 on a 4.00 scale) is required for all classes in the certificate.
- A minimum cumulative GPA of 3.00 (on a 4.00 scale) is required for those pursuing the certificate.
- The program consists of 18 hours of graded classroom course work (no internship, no independent study) plus a three credit hour practicum.
- Students must be juniors to take 400-level courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

An application to the program is required. Admission to the Child Life Certificate program is very competitive.

A minimum cumulative GPA of 3.00 (scale is 4.00 = "A") is required to apply for the certificate.

Students wishing to pursue the child life certificate must complete two prerequisites before applying for the program:

- CDE 232 Human Development, SB (3) with a grade of "B" (3.00 on a 4.00 scale) or higher
- CDE 338 Child Development Practicum (or comparable experience working with children, as determined by the director of the child life certificate)

For additional information and application, students should consult with an academic advisor in either the School of Community Resources and Development or the Sanford School.

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu>
SS 144
email@thesanfordschool.org
480-965-6978

Child Nutrition Certificate (ECNTRCERC)

Campus: Downtown Phoenix

Description:

This certificate program is directed toward current degree-seeking students, postbaccalaureate students and nondegree-seeking students who are interested in eligibility for the school nutrition specialist credential offered by the School Nutrition Association. More information for this credential is available at: <https://schoolnutrition.org/SNS/> (<https://schoolnutrition.org/SNS/>).

Program Requirements:

The certificate requires that students take the following courses, for a total of 31 credit hours:

ACC 382 Accounting and Financial Analysis (3)
EXW 100 Introduction to Health and Wellness, SB (3) or EXW 325 Fitness for Life (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 (3) or NTR 341 Medical Nutrition Therapy I (3)
NTR 401 Field Experience in Food and Nutrition (3)
NTR 445 Management of Food Service Systems (3)
NTR 448 Community Nutrition, L (3)
NTR 450 Nutrition in the Life Cycle, SB (3)
NTR 498 Topic: Child Nutrition Seminar, L (1)

A "C" (2.00 on a 4.00 scale) or better is required in all course work.

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:

To enroll in the certificate program, the applicant must be admitted to ASU as a degree-seeking or nondegree-seeking student in the nutrition program. The curriculum committee of the nutrition program will approve applications to the certificate program.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Civic Education Certificate (LACVECERT)

Campus: Tempe

Description:

The civic education certificate is designed to contribute to the preparation of undergraduate students for:

- careers in primary and secondary education (where the teaching of government and civics may be involved)
- careers or voluntary participation in politics, public service, civic and social movements
- further education in law, journalism, business, history, sociology, political science and other fields where an understanding of questions of citizenship, leadership, community, democracy, public responsibility and ethics is crucial

Program Requirements:

The certificate does not substitute for degree requirements in any subject, including political science; rather, it is a complement to the student's chosen major. The certificate program is intended to guide students to a variety of courses in which successful completion indicates their special accomplishment in the area of civic education. Students majoring in any subject at the university may be awarded the civic education certificate upon completion of the following 15 credit hours of political science courses:

Required core courses: (9)

POS 210 Political Ideologies, SB (3)
POS 346 Problems of Democracy, HU (3)
POS 442 American Political Thought, HU (3)

Choose one from the courses below:

POS 340 History of Political Philosophy I, HU, H (3)
POS 341 History of Political Philosophy II, HU, H (3)
POS 443 Topics in Contemporary Political Theory, HU (3)

Choose one from the courses below:

POS 300 Contemporary Global Controversies, SB, G (3)
POS 313 The Congress, SB (3)
POS 314 The American Presidency, SB (3)
POS 315 The Supreme Court, SB (3)
POS 332 American Political Parties, SB (3)
POS 333 Interest Groups, SB (3)
POS 370 Law and Society, 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)

Certificate students must have a minimum GPA of "C" (2.00 on a 4.00 scale); only courses in which students have a grade of "C" (2.00 on a 4.00 scale) or higher count toward the certificate. A minimum of six upper-division credit hours must be taken in courses offered by the College of Liberal Arts and Sciences.

Depending upon a student's undergraduate program of study, 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. To apply to the university, please complete the Admission Services online application. Please contact the School of Politics and Global Studies for more information about completing the civic education certificate.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
COOR 6797
spgs@asu.edu
480-965-8563

Civil Communication Certificate (LACCOMCERT)

Campus: Tempe

Description:

The Hugh Downs School of Human Communication has designed specific courses that offer students a certificate in civil communication. Students are provided specific training in dialogue-based methods of civility, 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, competently practice and facilitate the ever-increasing demand for civil discourse in society and workplace organizations. The foundational courses provide the opportunity for transdisciplinary collaboration and community engagement.

Program Requirements:

The certificate requires 18 credit hours, nine of which are chosen from the list of elective courses:

Required courses: (9 credit hours)

COM 222 Argumentation, L (3)

COM 225 Public Speaking, L (3)

COM 327 Civil Communication (3)

Elective courses: (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, L (3)

COM 341 Social Contexts for Performance (3)

COM 421 Rhetoric of Social Issues, HU (3)

A "C" (2.00 on a 4.00 scale) or better is required for all upper-division course work.

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.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificates.

Enrollment Requirements:

Students admitted to study at Arizona State University are eligible to pursue the requirements of a certificate. In order to be admitted to the university, complete the Admission Services online application. Please contact the Hugh Downs School of Human Communication for additional information.

Contact Information:

Liberal Arts & Sciences, College of
Hugh Downs School of Human Communication
<https://humancommunication.clas.asu.edu/>
STAUF 412A

Classical Studies Certificate (LACLG CERT)

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. The School of International Letters and Cultures offers a certificate in classical studies for those students interested in pursuing a classical education in conjunction with another major or as part of their general studies.

Program Requirements:

The certificate in classical studies requires a minimum of 29 credit hours. In addition to the course work and examinations required in the student's major, the student is responsible for fulfilling the following minimum requirements:

Five semesters of language courses in either Ancient Greek or Latin (17 to 19 credit hours). Students must meet with an academic advisor in the School of International Letters and Cultures to develop a suitable plan of study in language.

Four courses (12 credit hours) related to classical studies. At least two courses (six credit hours) must be taken at the 400 level.

ARS 402 Art of Ancient Egypt, HU, H (3)
ARS 404 Greek Art, HU, H (3)
ARS 406 Roman Art, HU, H (3)
ENG 303 Classical Backgrounds of English Literature, HU (3)
ENG 422 Special Topics in Shakespeare, HU (3)
GRK 301 Ancient Greek Literature I, HU (3)*
GRK 302 Ancient Greek Literature II, HU (3)*
HST 347 Ancient Greece I: Bronze Age through the Peloponnesian War (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 362 Sex and Society in Classical and Medieval Europe, SB, H (3)
LAT 421 Roman Literature, HU (3)**
LAT 422 Roman Literature, HU (3)**
PHI 328 History of Ancient Philosophy, HU, H (3)
POS 340 History of Political Philosophy I, HU, H (3)

*GRK 301 and GRK 302 may be used to satisfy the language requirement and also may be repeated for credit.

** LAT 421 or LAT 422 may be used to satisfy the language requirement and also may be repeated for credit

Other courses may be used with the approval of an academic advisor in the School of International Letters and Cultures.

A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course leading to the certificate. A minimum of 12 credit hours must be upper-division. A minimum of six credit hours must be taken at ASU.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in the classical studies certificate program must contact the coordinator of the certificate before being accepted into the program. Please contact an academic advisor at the School of International Letters and Cultures for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Communication Sciences and Disorders Certificate (NHCSDCERT)

Campus: Tempe

Description:

The postbaccalaureate certificate in communication sciences and disorders is designed for students who have already received a bachelor's degree in another discipline but have decided to pursue a master's degree in speech-language pathology or communication disorders. This course work will provide students with the prerequisite background and knowledge necessary to perform at the master's level in the field. Completion of the postbaccalaureate certificate will allow students to meet the American Speech Language and Hearing Association requirements to enter master's degree programs in speech-language pathology or communication disorders.

Program Requirements:

There are 27 required credit hours in the certificate in communication sciences and disorders. A "C" minimum is required for all courses in the certificate, although students must maintain a 3.00 GPA in the certificate program.

SHS 250 Introduction to Phonetics (3)

SHS 310 Anatomical and Physiological Bases of Speech (3)

SHS 311 Hearing Science (3)

SHS 367 Language Science (3)

SHS 375 Speech Science (3)

SHS 401 Introduction to Audiology (3)

SHS 402 Clinical Methods and Treatment of Communication Disorders (3)

SHS 465 Speech and Language Acquisition (3)

SHS 496 Aural Rehabilitation (3)

Depending upon a student's undergraduate program of study, 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.

Students interested in this certificate should apply for university admission as nondegree-seeking graduate students and see an advisor in Speech and Hearing Science to add this certificate. Please see <https://students.asu.edu/graduate/nondegree> (<https://students.asu.edu/graduate/nondegree>) for more information.

Contact Information:

Health Solutions, College of

Department of Speech and Hearing Science

<https://chs.asu.edu/programs/schools/department-speech-and-hearing-science/applying-communication-disorders-ms-program>

COOR 2211

shsgrad@asu.edu

480-965-2374

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
- game software development

In this certificate program, students will 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 course work. Students need to allow at least two years to complete the certificate program due to the prerequisite structure.

Core Courses:

CPI 111 Game Development I, CS (3)

CPI 211 Game Development II (3)

CPI 441 Gaming Capstone (3) Spring Only

Elective Courses: (select three listed through the CIDSE website)

<http://cidse.engineering.asu.edu/forstudent/undergraduate/certificates/computer-gaming/>

(<http://cidse.engineering.asu.edu/forstudent/undergraduate/certificates/computer-gaming/>)

A "C" or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be required 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 BIS students as part of their degree program.

All students are eligible to take CPI courses. Students who want to declare the certificate need to complete the Undergraduate Certificate form on the registrar's website and submit it to the School of Computing, Informatics and Decision Systems Engineering Academic Advising Center located in BYENG, Room 225. BIS students need to contact their BIS advisor to add the computer gaming concentration to their degree program.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computing and Informatics Program

<http://cidse.engineering.asu.edu/forstudent/undergraduate/certificates/computer-gaming/>

BYENG 225

cidse.advising@asu.edu

480-965-3199

Convention Sales and Meeting Planning Certificate (PPTDMCERT)

Campus: Downtown Phoenix

Description:

The U.S. meetings, conventions and exhibitions industry generates more than \$120 billion a year, supporting nearly two million jobs. Students can explore this exciting growth industry with the convention sales and meeting planning certificate. The demand for professionals is strong, and we provide an excellent foundation for enhancing career opportunities nationally, regionally and locally. Phoenix 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, will enhance a graduate's career opportunities as a tourism professional.

Program Requirements:

The certificate requires 15 credit hours: four required core courses (12 credits) and one elective course (3 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:

TDM 205 Introduction to Travel and Tourism, G (3)
TDM 345 Meeting and Convention Planning (3)*
TDM 350 Tourism, Recreation and Sports Marketing (3)*
TDM 386 Convention Sales and Management (3)

Elective: (choose one)

PRM 486 Special Events Management (3)
TDM 225 Introduction to Resort and Hotel Management (3)
TDM 458 International Tourism, G (3)

*Prerequisite: TDM 205, grade of "C" (2.00) or better

Standards

- Fifteen credit hours of graded classroom course work are required (no internship, no independent study).
- A minimum "C" (2.00 on a 4.00 scale) grade is required for all classes in the certificate.
- A minimum GPA of 2.00 is required for those pursuing the certificate.
- A student should be a junior to take 400-level courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue the convention sales and meeting planning certificate should consult an academic advisor in the School of Community Resources and Development. For additional information, please visit the school's website.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Creative City Certificate (PPURBCERC)

Campus: Downtown Phoenix

Description:

The creative city certificate prepares students to engage effectively in revitalizing cities and communities by tapping their inherent potential for cultural innovation, place-making, and social and economic entrepreneurship. Exploring best practices in a global context, students develop asset-based proposals for specific locales including implementation plans. 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. 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 our 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 certificate a viable option for those unable to attend classes during the day.

Program Requirements:

The five-course sequence comprising the certificate will enable students to build upon their own strengths in order to help cities and communities creatively build upon their capacities. The creative city certificate consists of a maximum of 15 credit hours of course work. All courses must be taken at ASU.

Required courses and electives are shown below.

Required Core Courses:

- URB 405 Citizen Engagement and Community Building (3)
- URB 406 Public Administration and Community Development (3)

Elective Courses:

- 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/TDM 402 Assessment and Evaluation of Community Services (3)
- PAF 420 Public Leadership (3)
- PRM 120 Leisure and the Quality of Life, SB (3)
- PRM 210/NLM 210/TDM 210 Community Services and Professions (3)
- PRM 301/NLM 301/TDM 301 Sustainable Communities (3)
- PRM 302/NLM 302/TDM 302 Inclusive Community Development, C (3) [CRD majors only]
- TDM 448 Heritage and Cultural Tourism (3)
- URB 220 Introduction to Urban America (3)

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The creative city certificate is available to all admitted undergraduate students (regular or nondegree) at ASU. Nondegree students are required to apply to ASU (as a nondegree student) and once admitted, contact the School of Public Affairs to be admitted into the certificate program. Students may begin taking courses before they formally apply for the certificate; however, they should apply for admission as soon as possible.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/undergradminors>
UCENT 400
spa@asu.edu
602-496-0450

Criminal Investigations Certificate (PPCRICERT)

Campus: Downtown Phoenix, West

Description:

The certificate program 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 (SQ & SB) in a thematic manner, but it is not designed to prepare students to work in a crime laboratory.

Program Requirements:

The following four core courses are required (12 credit hours):

CRJ 100 Introduction to Criminal Justice, SB (3)

CRJ 210 Introduction to Criminal Investigation (3)

CRJ 211 Documenting the Crime Scene (3)

CRJ 410 Procedural Criminal Law (3)

Choose at least three courses from the following (at least 9 credit hours must be upper-division):

CRJ 321 Imperatives of Proof (3)

CRJ 433 Death Investigations (3)

CRJ 434 Drugs of Abuse (3)

CRJ 435 Crime and Forensic Mental Health (3)

CRJ 450 Crime Analysis (3)

CRJ 484 Internship [only those relevant to investigations] (1-6)

CRJ 494 Special Topics [only in approved investigations-related topics] (3)

FOR 350 Computer Forensics (3)

FOR 394 Special Topics in Forensics (3)

FOR 410 Professional Practices in Forensic Science (3)

FOR 484 Internship (1-6)

- It is the student's responsibility to check the prerequisites required by courses in their discipline. Depending upon a student's program of study, prerequisite courses may be needed to complete the requirements of this certificate.
- 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.
- 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 core and elective course work required for the certificate.
- 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 433, CRJ 434, CRJ 435, 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

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.

- CRJ 284 Professional Growth in Criminal Justice (3) is a prerequisite requirement to enroll in CRJ 484 Internship.
- 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" or 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:*

(a) 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:*

(b) 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.

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice

<https://ccj.asu.edu/>

UCENT 600

SCCJAdvising@asu.edu

602-496-2356

Cryptology Certificate (LACRYCERT)

Campus: Tempe

Description:

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 to understand and work in the field of mathematical cryptology.

Program Requirements:

This certificate requires 18 credit hours.

Required courses: (12 credit hours)

MAT 440 Group Theory (3) or MAT 444 Intermediate Abstract Algebra (3)

MAT 445 Theory of Numbers (3)

MAT 447 Cryptography I (3)

MAT 448 Cryptography II (3)

Electives: (6 credit hours; select two courses)*

MAT 415 Introduction to Combinatorics (3)

MAT 416 Introduction to Graph Theory (3)

MAT 441 Ring Theory (3)

STP 421 Probability (3)

STP 427 Mathematical Statistics (3)

*may substitute MAT 484 Internship (3) (approved cryptology-related internship experience) for one elective

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

This program has additional admission requirements; please see a college advisor for details. Applicants should be in good academic standing with "B" (3.00 on a 4.00 scale) or better in MAT 300 Mathematical Structures (3) or equivalent.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu>
WXMLR 211
math@asu.edu
480-965-7195

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 our culture, or rather the way we live, learn, create and communicate. The digital culture certificate will allow students to enhance their program of study with integrated, transdisciplinary training in creative processes and technical skills in new media with cultural applications.

The digital culture curriculum is outcomes-based rather than course sequence-based. The curriculum uses an innovative proficiency-based network to connect courses across academic disciplines, instead of traditional methods such as course prerequisites. Proficiencies in the curriculum identify common generalized learning outcomes across disciplines participating in the initiative.

Program Requirements:

The digital culture certificate requires 18 credit hours (12 upper-division) in three areas:

digital culture studies (9)*

digital media - media arts and design (6)

capstone culminating project (3)**

*AME 111 Introduction to Digital Culture, CS (3) and AME 230 Programming for the Media Arts (3) are required.

**The required course is AME 485 Digital Culture Capstone I (3).

A minimum grade of a "C" (2.00) and an overall GPA of 3.00 is required in all classes in the certificate program. Courses in the certificate program may not be used as part of a major. All upper-division certificate course work must be taken at ASU.

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 below) 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.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For current ASU students, there is no special application process for the digital culture certificate. Students add the certificate by meeting with the academic advisor for their major and the digital culture education coordinator to develop the digital culture pathway that best meets the proficiencies for the work they are interested in pursuing. This pathway will be contingent upon the student's academic performance in 100-level course work.

For students not currently enrolled at ASU, students must apply and be admitted to ASU in a degree or nondegree program. Students must meet with the digital culture academic success coordinator before enrolling in the certificate program. The coordinator and student will develop a pathway that best meets the proficiencies for the work he or she is interested in pursuing. The coordinator will review the student's previous academic work to determine which proficiencies the student has completed.

Digital culture certificate students will work with the digital culture academic success coordinator and successfully complete the required sequence of courses and proficiencies for a digital culture certificate. The digital culture academic success coordinator and the digital culture faculty committee in the Herberger Institute for Design and the Arts will help to craft the best path for the student.

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://ame.asu.edu/degree-programs>
STAUF B 217
herbergeradvising@asu.edu
480-965-9438

East Asian Studies Certificate (LAEASCERT)

Campus: Tempe

Description:

The certificate in East Asian studies, which can supplement a bachelor's degree, demonstrates a student's knowledge of an Asian language as well as Asian history, art, culture or society. The certificate helps prepare students for admission to graduate programs in Asian area studies, an academic discipline with an Asian focus, or professional programs in international law or business. Recent Asian studies graduates have gone on to enter medical school, law school, MBA programs or PhD programs. An earned certificate will appear on student transcripts as an East Asian studies emphasis.

Program Requirements:

The certificate requires 24 credit hours of course work, including:

- 15 credit hours of upper-division area studies course work in at least three disciplines outside of languages and literature courses (such as anthropology, art, geography, history, political science and religious studies)
- nine credit hours in some combination of lower- and upper-division courses (six credit hours may be satisfied with language and literature courses limited to courses numbered 321 and above)
- demonstrated proficiency in an East Asian language at the intermediate level

The language requirement can be satisfied by one of the following:

- completing the 201 and 202 sequence
- one year of study abroad at the intermediate level
- satisfactory placement on a proficiency exam

East Asian languages include:

- Chinese
- Japanese
- Korean

Students pursuing an East Asian studies certificate must fulfill the language requirement in either Chinese, Japanese or Korean, and the 15 credit hours of upper-division course work must be courses with significant focus on East Asia chosen in consultation with an advisor in the School of Historical, Philosophical and Religious Studies.

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.

Students should plan courses for their plan of study in consultation with an academic advisor in the School of Historical, Philosophical and Religious Studies.

Depending upon a student's undergraduate program of study, 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 East Asia.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://car.clas.asu.edu/certificate-programs/>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Economic Justice Certificate (LAECNJCERT)

Campus: Tempe

Description:

Students will gain knowledge of economic justice that will promote the growth of sustainable communities locally, nationally and globally. The course work in this certificate will prepare students to:

- analyze and develop policies to build local skills
- develop the capacity to design, control, manage and evaluate initiatives aimed at economically revitalizing communities
- increase research abilities
- lay the groundwork for new approaches to economic justice

Program Requirements:

The certificate in economic justice requires 15 credit hours, at least twelve of which 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. Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate. To see prerequisites please refer to the class search.

Theories and Foundation in Economic Justice (3 credit hours)

Students acquire a background in theories and philosophies of economic justice by selecting one of the following courses:

- ASB 316 Money and Culture, L or SB (3)
- COM 450 Theory and Research in Organizational Communication, SB (3)
- ECN 360 Economic Development, SB, G (3)
- JUS 321 Wealth Distribution and Poverty, SB, C (3)
- JUS 323 Justice and the Development of the Welfare State, SB (3)
- JUS 325 Globalization and Socio-Economic Justice, SB, G (3)

Economic Justice Praxis (3 credit hours)

To better understand community, nongovernmental organizations, government policies and other collective efforts aimed at improving economic conditions through various strategies, including asset building to low-income communities, community-based microfinance, economic development, advocacy and training efforts, students select one of the following courses:

- ASB 328 Rules, Games and Society, L (3)
- ECN 331 Economics of the European Economic Union, SB, G (3)
- JUS 320 Community and Social Justice, SB, C (3)
- JUS 405 Economic Justice, L or SB, G (3)
- PUP 434 Economic Development Planning, L or SB (3)
- SGS 350 Economic Development and Globalization (3)
- SWU 432 Social Policy and Services (3)

SWU 498 Pro-Seminar: Border Families/Community Asset Building Policies (3)

Transdisciplinary Component (9 credit hours)

To provide students an opportunity to focus on a particular racial group, nation or region or specific historical event while also providing a broad transdisciplinary framework, students will select three electives. Courses must be taken from both of the substantive areas listed below and from two or more academic units. Any course listed below may count toward this requirement, as well as other courses as approved by the certificate program director.

Race, Gender, Class, Citizenship and Economic Justice:

AFR/FAS 370 Family, Ethnic and Cultural Diversity, SB, C (3)
AIS 380 Contemporary Issues of American Indian Nations, C (3)
APA 350 Inequality and Diversity in Education, L, C (3)
APA 394 Topic: Asian Pacific Americans and Immigration (3)
ASB/POS/SBS 447 Citizenship, Nationalism and Identity, SB, C (3)
CRJ 305 Gender, Crime and Criminal Justice, C (3)
CRJ 306 Race, Ethnicity, Crime and Criminal Justice, C (3)
ETH 300 Principles of Ethnic Studies, C (3)
FAS/SOC 324 Work and the Workplace, SB, H (3)
HST 325 Immigration and Ethnicity in the United States, SB, H, C (3)
HST 333 African American History to 1865, SB, H, C (3)
IAS 305 Work and Identity, SB (3)
JUS 415 Gender and International Development, L, G (3)
JUS 420 Women, Work and Justice, L or SB, C (3)
JUS 425 Race, Gender and Justice, L or SB, C (3)
JUS 438 Human Differences: Dilemmas of Justice, L or HU, C (3)
JUS 479 Law and Disputing, L or SB (3)
SWU 374 Diversity and Oppression in a Social Work Context, C (3)
TCL 314 Transborder Regional Immigration and Economy, L or SB, H, C (3)

National and Global:

AFR/JUS 304 Islands of Globalization: Caribbean Politics and Political Economy, SB, G, H (3)
ASB/SOC/SBS 342 Mexico-U.S. Borderlands, SB, C (3)
JUS 408 Comparative Development of the Welfare State, L, G (3)
JUS 469 Political Deviance and the Law, L or SB, C (3)
PHI 336 Social and Political Philosophy, HU (3)
POS 480 Global Justice, G (3)
POS 486 International Political Economy, SB, G (3)
SGS 394 Special Topics: Global Markets (or SGS 350 Economic Development and Globalization) (3)

Enrollment Requirements:

In order to declare this certificate, students must have a minimum of 30 earned credit hours and must first meet with an academic advisor in the School of Social Transformation..

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/economic-justice>
WILSN 125
SSTadvising@asu.edu
480-956-7682

Energy and Sustainability Certificate (SUESUCERT)

Campus: Downtown Phoenix, Polytechnic, Tempe

Description:

The transdisciplinary certificate examines current energy systems and what it will take to create a sustainable energy future. Students begin with an overview of how energy affects peoples' lives and of policy options for energy as well as the science of energy and how energy is generated for today's society. Students then select additional energy courses from across many disciplines, depending on their specific interests.

An understanding of energy is increasingly important for jobs related to environmental quality, national security and the efficient functioning of cities. This certificate helps students:

- Enhance their understanding of the methods by which energy is generated and distributed as well as the associated sustainability issues.
- Analyze social and policy dimensions of energy systems and infrastructure.
- Tailor the certificate around their unique interests in energy with a variety of electives, representing a broad array of academic disciplines.
- Enrich the breadth of their energy knowledge by taking courses outside their primary area of study.

Program Requirements:

Total minimum credit hours required for certificate: 15

Required Courses: (9 credit hours)

SOS/GCU 171 The Thread of Energy, SB, G (3)

SOS 314 Basic Energy Science (3)*

SOS 315 Energy Policy (3)*

Elective Courses: (6 credit hours)

ALT 360 Renewable Energy Technologies: Fundamentals and Integration (3)**

ALT 412 Village Energy Systems (3)**

CHM 394 Topic: Chemistry, Energy and Society (3)

EGR 371 Best Practices for Humanitarian Engineering (3)*

EGR 476 Energy Infrastructures (3)**

ERM 494 Topic: Energy Economics (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)*

HST 306 Topic: Energy History, HU or SB, H (3)*

JUS 332 Politics of Energy Policy and Justice (3)*

JUS 444 Environment and Justice, L, C (3)*

MET 435 Alternate Energy Sources (3)**

PHY 498 Topic: The Science of Sustainable Energy (3)**

POS 394 Topic: Global Environmental Politics (3)

PUP 430 Transportation Planning and the Environment (3)

SOS 394 Topic: Introduction to Solar Energy for Non-Engineers (3)*

SOS 394 Topic: Sustainability in Organizations and Public Policy (3)*

SOS/BIO/HST/PHI 394 Topic: History and Philosophy of Sustainability (3)*

SOS 435 US Energy: Pathways to Sustainability (3)*

SOS 494 Topic: Creating Living Buildings*

SOS 494 Topic: GHG Emissions Inventory*

SOS 494 Topic: Renewable Energy (3)*

STS 317 Science, Technology and Global Engagement, SB, G (3)

STS 329 Cultivating Technology in Newly Industrializing Countries, SB, G (3)

STS 332 Global Issues in Science and Technology, SB (3)

TEM 450 Design for the Developing World (3)*

Notes:

*This course has prerequisite requirements.

**This is a more technical course, which may require additional math and science knowledge or prerequisites.

Topics courses must be taken with the topic listed.

Electives are not limited to courses from this list only. Other courses on energy may be offered (special topics, etc.). Students can 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). Completed petitions may be submitted directly to sosadvising@asu.edu (<mailto:sosadvising@asu.edu>).

Students must earn a grade of "C" or better in all upper-division courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed to complete the requirements of this certificate.

Enrollment Requirements:

Students wanting to declare a certificate in energy and sustainability should make an appointment with a School of Sustainability advisor. To be eligible, students must have a 3.00 cumulative GPA.

Advising by appointment only. To schedule an appointment, use the following link: https://webapp4.asu.edu/advsched/?acad_org=CSS (https://webapp4.asu.edu/advsched/?acad_org=CSS).

Nondegree-seeking students will need to complete an application and be admitted to ASU as a nondegree student in order to declare the certificate and enroll in courses. Students who have not completed an undergraduate degree and wish to pursue nondegree status can find more information here: <https://students.asu.edu/admission/nondegree> (<https://students.asu.edu/admission/nondegree>). Students who have completed an undergraduate degree and wish to pursue nondegree status can find more information here: <https://students.asu.edu/graduate/nondegree> (<https://students.asu.edu/graduate/nondegree>).

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/energy-certificate>
WGHL 108
sosadvising@asu.edu
480-727-6963

Entertainment and Technology Certificate (LAFMSUERE)

Campus: Tempe

Description:

The entertainment and technology certificate is for students interested in the study of entertainment and technology history, theory and convergence. Students have the opportunity to analyze industry changes through time, to identify current industry trends and to develop likely entertainment and technology models and scenarios for the future.

Program Requirements:

ASU students admitted to a degree program in any field of study are eligible for the entertainment and technology certificate, which consists of 18 credit hours. At least 12 credit hours must be upper-division course work. A minimum grade of "C" or better (scale is 4.00 = "A") is required in each course.

Choose two courses: (6)

FMS 100 Introduction to Film, HU (3)
FMS 110 Introduction to New Media, HU (3)
FMS 200 Film History, L or HU, H (3)

The following upper-division courses are required: (12)

FMS 302 U.S. Media Now (3)
FMS 340 Contemporary American Film and Popular Culture, HU (3)
FMS 351 Emerging Digital Media (3)
FMS 461 Film Theory and Criticism, HU (3)

Course substitutions may be approved by an academic advisor in the Department of English.

Depending upon a student's undergraduate program of study, 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. To apply to the university, please complete the university's online application for admission. Please contact the department for more information and see <https://english.clas.asu.edu/about/academic-program-areas/film-and-media-studies-program> (<https://english.clas.asu.edu/about/academic-program-areas/film-and-media-studies-program>).

Contact Information:

Liberal Arts & Sciences, College of
Department of English

<https://english.clas.asu.edu/node/253>

LL 542

englishadvising@asu.edu

480-965-3168

Entrepreneurship and Innovation Certificate (BAKEICERT)

Campus: Tempe

Description:

The certificate program is comprised of three university-wide core courses followed by two courses within a student's disciplinary college. Individual colleges will be encouraged to offer a capstone course as part of the program. Beyond topics 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:

Required Core:

CORE 1: MGT 290 My Life Venture (3) or TEM 200 My Technology Venture (3)

CORE 2: MGT 340 Creativity and Innovation, L or HU (3) or TEM 230 Creativity and Business Innovation (3)

CORE 3: MGT 360 Entrepreneurship and Value Creation (3) or TEM 400 Technology Entrepreneurship (3)

Capstone Experience: (at least 6 credit hours)

- It is the student's responsibility to check the prerequisites required by courses in their discipline.
- Capstone courses will be designated and approved by individual disciplinary colleges.
- Capstone courses will consist of existing courses or new courses created by departments.

Students must earn a "B" (3.00 on a 4.00 scale) or better in each course to accumulate 15 credit hours for the certificate.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Prerequisite Information

- In order to enroll in MGT 360 Entrepreneurship and Value Creation the student should be a W. P. Carey BS, BA or a Secondary Education (Business) student who has taken ACC 240, ACC 241 or ACC 242 with a grade of "C" (2.00) or better. A nonbusiness student with 2.50 ASU cumulative GPA with 56 earned credit hours who has taken MGT 290 My Life Venture may enroll. This course also has a prerequisite or corequisite requirement of MGT 340 Creativity and Innovation with a grade of "C" (2.00) or better.
- MGT 340 Creativity and Innovation has a prerequisite requirement of W. P. Carey School of Business BS or BA student, or nonbusiness student with 2.50 ASU Cumulative GPA, 56 earned credit hours, and prerequisite or corequisite of MGT 290 My Life Venture.

Enrollment Requirements:

The certificate in entrepreneurship and innovation is available to all ASU students in good standing except those majoring in business entrepreneurship, management (entrepreneurship), and technology entrepreneurship and management. The certificate application can be accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>). Please see <https://wpcarey.asu.edu/sites/default/files/uploads/undergraduate/certificaterequirementsine-shipandinnovation22015.pdf> (<https://wpcarey.asu.edu/sites/default/files/uploads/undergraduate/certificaterequirementsine-shipandinnovation22015.pdf>) for more information. No more than 6 credit hours may be shared between the certificate and other degree programs.

Contact Information:

Business, W. P. Carey School of

Department of Management and Entrepreneurship

<https://my.wpcarey.asu.edu/undergrad/academics/my-life-venture.cfm>

BA 323

wpcareymgt@asu.edu

480-965-3431

Environmental Education Certificate (TEEVEDCERT)

Campus: Polytechnic, Tempe

Description:

The Mary Lou Fulton Teachers College certificate in environmental education is for traditional and nontraditional educators and is designed to establish standards for professional excellence in environmental education. Environmental education is taught in traditional classrooms and as community programs such as those at nature centers, museums, parks and zoos. The course work required in the certificate increases the environmental literacy of future educators, fosters community leadership strategies, and provides practice in 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 15 credit hours; 12 of which must be upper-division. A "C" or better is required in all upper-division course work.

Required certificate courses: (12 credit hours)

- SCN 300 Foundations of Environmental Education (3)
- SCN 301 Ecology and Natural History of the Sonoran Desert (3)
- SCN 302 Outdoor Education (3) OR SCN 308 Urban Environmental Education (3)
- SCN 307 Learning from Nature: Biomimicry and STEM (3)

Elective certificate courses: (3 credit hours)

- EED 309 Environmental Education Project, including course topics: Project Learning Tree, Project WET, Project Wild, Globe, Outdoor Explorers Guide to the Universe, Outdoor Explorers Guide to Geology, Wild Aquatic, Flying Wild (1)
- SCN 303 Environmental Education Internship (1-2)
- SCN 304 Sonoran Desert Flora (3)
- SCN 305 Tropical Ecology: A Cultural Exchange (3)
- SCN 494 ST: Humanitarian Project for Educators (3)
- SCN 400 Sustainability Science for Teachers (3)*
- SCN 401 Sustainability Science, Technology and Society (3)

*Teacher certification students will take SCN 400.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any degree-seeking student at ASU may seek this certificate.

Contact Information:

Teachers College, Mary Lou Fulton
Division of Teacher Preparation
<https://education.asu.edu/teacher-education-degree-programs/undergraduate-education-minors-and-certificates/environmental>
ED 120
education@asu.edu
480-965-5555

Environmental Humanities Certificate (LAENHCERT)

Campus: Tempe

Description:

The environmental humanities certificate offers students who are interested in humanities-based approaches to the current global environmental crisis an option to focus in this vital area of study. Students take three ENG courses and four electives from selected programs that are focused wholly or in large part on the human relationship to the environment and the relationship between nature and culture. To gain practical experience, certificate students also complete a required English internship in environmental activism, policy development, education or another pertinent area.

Program Requirements:

The environmental humanities certificate consists of 24 hours, of which at least six must be upper-division courses offered by the Department of English in the College of Liberal Arts and Sciences.

Core Required Courses: (9 credit hours; choose three courses)

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 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 370 Science, Values, and the Public (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, L or HU (3)

Internship:

ENG 484 Internship (3)

Electives: (12 credit hours; choose four courses)*

AFR 320 Africa: Politics, Environment and Development (3)
ASB 326 Human Impacts on Ancient Environments, SB, H (3)
ASB/SOS 370 Production, People, and Environments, L or SB (3)
BIO 300 Natural History of Arizona, SG (3)**
BIO 311 Biology and Society (3)
BIO 324/PHI 310 Environmental Ethics, HU (3)
GCU 102 Introduction to Human Geography, SB, G (3)
GCU 357 Social Geography, SB (3)
GPH 210 Society and Environment, G (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 483 Religion and Science (3)
SGS 310 Global Urban Systems (3)
SGS 330 Globalization and the Environment: Problems and Solutions (3)
SOC 331 Environmental Sociology, SB, G (3)
SOS 110 Sustainable World (3)
SOS 320 Society and Sustainability, L or SB (3)

*Other courses may be approved by an English advisor depending on special topics courses or variable topics courses available in given semesters.

**Students must take both BIO 300 and BIO 301 to receive SG General Studies credit.

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For more information about the environmental humanities certificate, contact an advisor in the Department of English.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/admission/undergraduate-admission/environmental-humanities-certificate>
LL 542
englishadvising@asu.edu
480-965-3168

Environmental Humanities Certificate (LSEHCERT)

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 that are 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.

Core: (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 (variable-topics course), L or HU (3)

Electives: (12 credit hours)

Complete four additional courses (see advisor for approved list). 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 English advisor depending on special- or variable-topics courses available in given semesters.

*Note: Other ENG courses may be approved by CISA advisors depending on special- or variable-topics courses available in given semesters.

Requirements:

- A minimum of 12 upper-division hours are required.
- Six hours must be taken from the College of Integrative Sciences and Arts at ASU.
- A grade of "C" (2.00) or higher is required in all courses taken for the certificate.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Ethics Certificate (LAETHCERT)

Campus: Tempe

Description:

The ethics certificate is designed to give students a richer understanding of systematic philosophical thinking about ethics. Students with majors in business, nursing, journalism, public administration and 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. Students must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies to declare the certificate.

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.

One required course is chosen from:

PHI 335 History of Ethics, HU (3) or PHI 337 Ethical Theory, HU (3) or PHI 338 Metaethics, (3)

At least 15 credit hours must be chosen from:

PHI 105 Intro to Ethics, 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 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 360 Business and Professional Ethics, HU (3)
PHI 420 Topics in Philosophy (when its topic is within ethics) (3)

One course outside this list, and perhaps outside the school, may be used with written approval from the director of undergraduate studies. All courses must be passed with a minimum grade of "C" (2.00 on a 4.00 scale) or better. At least 12 credit hours must be upper-division.

Depending upon a student's undergraduate program of study, 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. To apply to the university, please complete the university's online application for undergraduate admission. Please contact the School of Historical, Philosophical and Religious Studies for more information.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/certificate/ethics>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Ethnic Studies Certificate (ASETHCERT)

Campus: West

Description:

The certificate in ethnic studies, offered by the School of Humanities, Arts and Cultural Studies, explores the changing political, social, economic and cultural realities of racial, ethnic and indigenous communities in the United States and the Americas. The course work combines topics and methods in the humanities, arts and social sciences 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 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. The certificate in ethnic studies is recommended for graduate students, nondegree students and students majoring in professional programs.

Program Requirements:

The certificate consists of 18 credit hours, 12 of which must be at the upper-division level. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline. Up to three credit hours of individualized instruction may be applied toward the certificate. All courses must be passed with a minimum grade of "C" (2.00).

Core Requirements: (6 credit hours)

ETH 100 Ethnic and Indigenous Lives, SB, C (3)
HRC 200 Introduction to Social and Cultural Analysis (3)

Ethnic Studies elective course work: (12 credit hours, chosen in consultation with an academic advisor)

Depending upon 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 ethnic 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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/ethnic-studies-certificate>
FAB N201
harc sadvising@asu.edu
602-543-4444

European Union Studies Certificate (LAEUSCERT)

Campus: Tempe

Description:

The European Union, or EU, is the biggest economic bloc in the world and also one of the most important economic and political partners of the United States. This certificate program enables students to develop expertise in the cultures, governments and economies of the EU, making the students valuable to potential employers doing business in the EU. It may serve as a beneficial complement to a bachelor's degree or as a nondegree program for training business professionals and others who wish to enhance their knowledge of European cultures, politics, economics and societies.

Program Requirements:

The certificate requires 18 credit hours. A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Required core course: (3 credit hours)

ECN 331 Economics of the European Economic Union, SB, G (3) or POS 356 European Union, SB, G (3)

Five elective courses: (15 credit hours)

Of these 15 credits, at least three must be in history (HST) or cultural geography (GCU), at least three must be from a School of International Letters and Cultures civilization course, and at least three must be taken in a non-English EU language.

Approved elective courses include:

ENG 429 Studies in European Literature and Culture (3)
FRE 322 French Literature, L or HU (3)
FRE 325 French Language and Culture Through Film (3)
FRE 416 French Civilization II, HU, G (3)
GCU 325 Geography of Europe, SB, G (3)
GER 416 German Civilization, HU, H, G (3)
GER 422 German Literature Survey, 1800-Today, L or HU (3)
GER 453 German Literary Masterpieces on Film, HU, H, G (3)
HST 304 Studies in European History, SB, H (3)
HST 351 Renaissance Europe, L or HU or SB, H (3)
HST 356 Europe since 1945, SB, G, H (3)
HST 364 Sex and Society in Modern Europe, L or SB, H (3)
HST 367 Modern Britain, 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 427 French Revolution/Napoleonic Era, SB, H (3)
HST 428 Modern France, SB, G, H (3)
HST 429 Modern Germany, SB, G, H (3)
HST 432 Eastern Europe the Balkans, 20th Century, G, H (3)
HST 438 Modern Spain, HU or SB, G, H (3)
HST 465 Women in Europe, 1750 to Present, HU or SB, H (3)
ITA 315 Italian Civilization, HU, G (3)
ITA 322 Introduction to Italian Literature II, HU (3)
ITA 420 Italian Cinema (3)
POS 352 European Democracies (3)
SLC 494 ST: Society and Culture in Modern Europe (3)

SLV 394 ST: Societies and New Eastern Europe (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)

Additional courses may be approved by the coordinator of the certificate program.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Degree-seeking students: ASU students with a minimum 2.00 cumulative GPA (scale is 4.00 = "A") and sophomore standing or above in any degree program will be eligible for the European Union certificate program.

Nondegree-seeking students must have completed two years or more of college.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Family Communication Certificate (ASFAMCCERT)

Campus: West

Description:

The certificate program in family communication, offered by the School of Social and Behavioral Sciences, focuses on issues affecting communication in the family. 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. It 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.

Program Requirements:

The certificate consists of 19 credit hours: 12 credits must be upper-division, six must be noncommunication credits, and a one-credit exit portfolio course is to be taken after a minimum of 12 credits have been completed. Twelve of the 19 credits must be ASU credit. Six credits may be double-counted with one's ASU major. Each class must be passed with a "C" (2.00) or better.

Required Core Courses: (6)

COM 411 Communication in the Family, SB (3)

Select one:

COM 312 Communication, Conflict and Negotiation (3)

COM 410 Interpersonal Communication Theory and Research, SB (3)

COM 417 Communication and Aging (3)

Four courses must be selected from at least two content areas listed below: (12)

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)

COM 316 Gender and Communication, SB, C (3)

COM 410 Interpersonal Communication Theory and Research, SB (3)

FAS 301 Introduction to Parenting (3)

FAS 331 Marriage and Family Relationships, SB (3)

FAS 370 Family, Ethnic and Cultural Diversity, SB, C (3)

FAS 435 Advanced Marriage and Family Relationships, L or SB (3)

SBS 440 Family Studies (3)

SOC 415 The Family, SB (3)

Technology, Media and the Family
COM 424 Television Studies and Criticism (3)
COM 457 New Media (3)
ENG 244 Introduction to Researching Family History (3)
MCO 473 Sex, Love and Romance in the Mass Media, SB (3)

Health and Family Development

ALD 403 Aging, Lifespan Development and the Family (3)
ALD 420 Health Issues and Older Adults, SB (3)
ALD 431 Caregiving for Older Adults (3)
CDE 430 Infant/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 431 Parent-Adolescent Relationships, 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)
SOC 312 Adolescence, SB (3)

Community Application

COM 314 Inner-City Families: The Cycle of Poverty (3)
COM 484 Internship (in consultation with faculty advisor)

Portfolio

COM 498 Pro-Seminar: Family Communication Portfolio (1)*

The communication portfolio is a synthesis of students' family communication academic experience. The portfolio itself integrates each student's family communication experience with theory and concepts from family communication courses. The portfolio may take a variety of forms, to be negotiated by each student with the instructor. This course is to be taken after a minimum of 12 credits toward the certificate have been completed.

*substitutions allowed with faculty advisor approval

Depending upon 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 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. Please see the School of Social and Behavioral Sciences advising website at: <https://newcollege.asu.edu/college-advisor> (<https://newcollege.asu.edu/college-advisor>).

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/family-communication-consortium/>
FAB S105
SBSadvising@asu.edu
602-543-6058

Film and Video Studies Certificate (ASVIDCERT)

Campus: West

Description:

The certificate in film and video studies, offered by the School of Humanities, Arts and Cultural Studies, explores film theory and the practice of the moving image. Through this interdisciplinary program, students have an opportunity to develop their interests, skills and understanding of the forms, channels, technologies and histories of the media arts. Course work helps students become more astute critics of film and media arts. Students learn about the history of film, television and video arts as well as their place in social, cultural and political expression. This program also helps students strengthen their critical-thinking skills through an analysis of the ongoing philosophical, aesthetic, political and technological debates about film, media and video. Through this certificate, students will gain valuable skills for future careers or graduate study in areas such as video and film production, film studies, media studies or digital design.

Program Requirements:

A certificate in film and video studies is awarded for the successful completion of 18 credit hours, 12 of which must be upper-division (300 and 400 level). Students must complete a minimum of six upper-division credit hours offered by the School of Humanities, Arts and Cultural Studies and 12 credit hours at ASU. A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Students choose a focus in media and video studies or film 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.

Film Studies Emphasis: (18 credit hours):

Core course: (3 credits, choose one course)

IAP 201 Introduction to Interdisciplinary Arts, HU (3) OR

IAP 202 Perspectives on Interdisciplinary Arts and Performance (3)

Foundational courses: (3 credits, choose one course)

IAP 101 Art, Artist and Culture, HU (3)

IAP 102 Foundations I: Performance Techniques and Composition (3)

IAP 103 Foundations I: Interdisciplinary Digital Media (3)

IAP 104 Foundations I: Fundamentals of Sound Art (3)

IAP 105 Foundations I: Fundamentals of Visual Art (3)

Theoretical, conceptual and historical courses: (3 credits, choose one course)

ENG 365 History of Film, HU (3-4)

IAP 364 Documentaries (3)

IAP 465 Media Technologies and the Arts (3)

IAP 473 Aesthetic Research, L or HU (3)

Applied and practical courses: (6 credits, choose two courses)

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 394 Topic: Acting for the Camera (3)

IAP 466 Digital Interactivity, Advanced (3)

IAP 467 Acoustic Ecology (3)

IAP 474 Art and Film, L or HU (3)

Capstone project: (3 credits)

IAP 480 Senior Project (3)*

*The project should reflect the integration of course work 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.

Media and Video Studies emphasis: (18 credit hours)

Core course: (3 credits, choose one course)

IAP 201 Introduction to Interdisciplinary Arts, HU (3) OR

IAP 202 Perspectives on Interdisciplinary Arts and Performance (3)

Foundational courses: (3 credits, choose one course)

IAP 101 Art, Artist and Culture, HU (3)

IAP 102 Foundations I: Performance Techniques and Composition (3)

IAP 103 Foundations I: Interdisciplinary Digital Media (3)

IAP 104 Foundations I: Fundamentals of Sound Art (3)

IAP 105 Foundations I: Fundamentals of Visual Art (3)

Theoretical, critical, performance or production courses: (9 credits, choose three courses)

COM 429 Semiotics and Visual Communication (3)

ENG 365 History of Film, HU (3-4)

IAP 334 Conceptual Development in the Arts (3)

IAP 361 Digital Editing and Media Literacy, CS (3)
IAP 363 Sound, Image and Media (3)
IAP 364 Documentaries (3)
IAP 365 Digital Interactivity (3)
IAP 394 Topic: Acting for the Camera (3)
IAP 465 Media Technologies and the Arts (3)
IAP 466 Digital Interactivity, Advanced (3)
IAP 467 Acoustic Ecology (3)
IAP 473 Aesthetic Research, L or HU (3)
IAP 474 Art and Film, L or HU (3)

Capstone project: (3 credits)
IAP 480 Senior Project (3)**

**The project should reflect the integration of course work with creative initiative to generate a product that stands alone as a piece of original work. In 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.

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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/film-and-video-studies-certificate>
FAB N201
harc sadvising@asu.edu
602-543-4444

Food Industry Management and Marketing Certificate (BAFIMMCERT)

Campus: Polytechnic

Description:

The certificate program in food industry management and marketing allows both business and nonbusiness students the opportunity to acquire specialized business skills which will provide a competitive advantage for employment with firms and agencies that operate within the global food industry. Upon certificate completion, students will have a deep understanding of the business, economic and market environment of the global food industry, with particular emphasis on food marketing and distribution. 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.

Program Requirements:

Required courses (6 credit hours):

AGB 250 Economics of Resource Allocation: Food and Agriculture (3) **

and select one from the following list of marketing courses:

MKT 300 Marketing and Business Performance (3) **

MKT 302 Applied Marketing Management and Leadership (3)

MKT 303 Honors Marketing Theory and Practice (3)

MKT 390 Essentials of Marketing (3) **

Choose any three from the following list (9 credit hours):

AGB 394 Topics: Current Topics in Food Retail (3)

AGB 414 Agribusiness Analysis (3)

AGB 420 Food Advertising and Promotion (3) **

AGB 424 Agribusiness Sales (3)

AGB 425 Food Supply Networks (3) **

AGB 434 Agricultural Risk Management and Insurance (3)

AGB 435 Commodity Futures and Options Markets (3) **

AGB 440 Food Safety (3)

AGB 445 Food Retailing (3) **

AGB 452 International Agricultural Policy (3)

AGB 454 International Trade (3)

AGB 456 Food Product Innovation and Development (3) **

AGB 481 Microeconomic Analysis of Food Markets (3) **

AGB 494 Topics: NAMA Marketing Plan (3)

Note: Courses designated with ** are taught in iCourse format. The program is offered at ASU's Polytechnic campus, but students may choose to take the entire certificate in iCourse format.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The admission requirements for this certificate are the same as the university's requirements for admission.

Contact Information:

Business, W. P. Carey School of

Morrison School of Agribusiness

<https://wpcarey.asu.edu/agribusiness-degrees>

SANTN 230F

wpcarey.morrison@asu.edu

480-727-1586

Food System Sustainability 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 allows ASU students to take advantage of the diversity of courses offered that address challenges to food system sustainability. The certificate 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. Career paths can range from agriculture to marketing and retail to policy or ethics. This certificate offers an innovative and exciting approach to the challenges of food system sustainability. Due to the transdisciplinary nature of the certificate, many courses may be found across all four ASU campuses, allowing students to choose both the focus area and location of study that best fits their needs.

The knowledge, competencies and skills students will 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
- 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:

There are no prerequisites for the required course; however, depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Required Course (3):

SOS 117 Introduction to Food System Sustainability (3)

Elective Courses (12):

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 prefix across both tiers 1 and 2 should be selected.

Tier 1 - Core Electives (choose at least two):

ABS 460 Organic Gardening (2)

AGB 456 Food Product Innovation and Development (3)

ASB 300 Food and Culture, L or SB, C (3)

ASB 463/TCL 443 Political Ecology of the Border, SB, G (3)

BIO 429/SOS 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)

HON 394 History and Evolution of Food (3)

NTR 353 Perspectives on the Western Diet: Food, Health and Sustainability (3)

PLB 302 Plants and Civilization (3)

PUP 498 Pro-Seminar: Urban Food Systems (3)

SOS 327 Sustainable Food and Farms (3)

Tier 2 - Electives:

ABS 368 Plant Propagation (3)

ABS 498 Pro-Seminar: Desert Horticulture (3)

AGB 321 Agribusiness Marketing (3)

AGB 420 Food Advertising and Promotion (3)

AGB 452 International Agricultural Policy (3)

ASB 305 Poverty and Global Health, L or SB, G (3)

ASB 370/SOC 370/SOS 370/SSH 370 Production, People and Environments, L or SB (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)

GLG 327/SOS 374 Earth's Critical Zone (3)

NTR 348 Cultural Aspects of Food, SB, C, G (3)

NTR 448 Community Nutrition, L (3)

PHI 394/HST 394/SOS 394/BIO 394 History and Philosophy of Sustainability (3)

SOS 322 International Development and Sustainability (3)

SOS 456 Human Rights and Sustainability, L or SB, G (3)

SOS 498 Topic: Sustainable Neighborhoods for Happiness, L (1-7)

TCL 394 Special Topics: 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 can 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).

Students must earn a grade of "C" or better in all upper-division courses.

Enrollment Requirements:

Students wanting to declare a certificate in food system sustainability should make an appointment with a School of Sustainability advisor. To be eligible, students must have a 3.00 cumulative GPA.

Advising is by appointment only. Use the following link to schedule an advising appointment: https://webapp4.asu.edu/advsched/?acad_org=CSS (https://webapp4.asu.edu/advsched/?acad_org=CSS)

Nondegree-seeking students will need to complete an application and be admitted to ASU as a nondegree student in order to declare the certificate and enroll in courses. Students who have not completed an undergraduate degree and wish to pursue nondegree status can find more information here: <https://students.asu.edu/admission/nondegree> (<https://students.asu.edu/admission/nondegree>). Students who have completed an undergraduate degree and wish to pursue nondegree status can find more information here: <https://students.asu.edu/graduate/nondegree> (<https://students.asu.edu/graduate/nondegree>)

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/food-systems-certificate>
WGHL 108
sosadvising@asu.edu
480-727-6963

Games and Impact Certificate (TEGIMCERT)

Campus: Tempe

Description:

The certificate in games and impact is intended for undergraduates with a desire to become change agents in their current and future areas of interest, study and training. The certificate provides a solid grounding in the theory, design and use of games as tools for effecting change in education, health and social justice, among other fields. For this reason, it is appropriate for students in a wide range of majors, including students interested in design and programming.

Students will study the ethics of design and its consequences, both intended and unintended; how games can lead to social change by improving understanding of complex global systems; and, transforming conflict and building skills in problem recognition and creative solution design. Certificate students will work on real games, alongside experts and clients, and learn how to design, test and evaluate their impact in real-world environments.

Program Requirements:

All students must complete the following courses:

- EDT 210 Games, Technology and Society (3)
- EDT 461 Understanding Games for Impact (3)
- EDT 462 Designing Games for Impact (3)*
- EDT 463 Games for Impact: The Full Life Cycle (3)
- EDT 494 Capstone Project (3)**

*Students may opt to complete an equivalent upper-division course on game design that is selected in consultation with an advisor.

**The capstone project will be designed in consultation with the certificate coordinator.

Requirements:

- A minimum of 15 credit hours is required.
- A grade of "C" or higher is required in all courses taken for the certificate.

Depending upon a student's undergraduate program of study, prerequisite courses may be required in order to complete the requirements of this certificate.

Enrollment Requirements:

The program is available only to ASU degree-seeking students.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate-minors-and-certificates/games-and-impact-certificate>

ED 118

educationadvising@asu.edu

480-965-5555

Geographic Information Science Certificate (LAGISCERT)

Campus: Tempe

Description:

The undergraduate geographic information science certificate program is open to all students at ASU and is built on GIS course work taught at the university. Students who earn the certificate are prepared to begin a career in the world of GIS.

Program Requirements:

The certificate requires 23 credit hours with a grade of "C" (2.00 on a 4.00 scale) or higher. At least 12 of the 23 credit hours must be upper-division courses.

Required courses: (17 credit hours)

CSE 100 Principles of Programming with C++, CS (3) or CSE 110 Principles of Programming, CS (3)

GIS 205 Geographic Information Technologies, CS (3)

GIS 211 Geographic Information Science I, CS (4)

GIS 311 Geographic Information Science II, CS (4)

GIS 470 Statistics for Geographers, CS (3)

Electives: (6 credit hours)

Choose one from the following:

GCU 361 Urban Geography, SB (3)

GCU 441 Economic Geography, SB (3)

GCU 442 Geographical Analysis of Transportation, SB (3)

GCU 474 Public Land Policy, SB (3)

GCU 484 Internship (1-12)

GIS 484 Internship (1-12)

GPH 484 Internship (1-12)

PUP 484 Internship (3)

And one from the following:

GIS 341 Introduction to Cartography and Georepresentation, CS (3)

GIS 351 Air Photo Interpretation (3)

GIS 441 Geographics: Interactive and Animated Cartography and Geovisualization, CS (3)

GIS 471 Geographic Information Analysis (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to ASU may complete this certificate. To apply to the university, please complete the online ASU application for admission.

Contact Information:

Liberal Arts & Sciences, College of

School of Geographical Sciences and Urban Planning

<https://geoplan.asu.edu/>

COOR 5671

geoplan@asu.edu

480-965-7533

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.

The certificate program is available for nondegree- and degree-seeking students.

Program Requirements:

The certificate requires 21 hours. Students must complete seven selected courses (four required and three electives) and earn a grade of "C" (2.00 on a scale of 4.00) or higher to receive the certificate.

Required Courses:

ERM 401 Hazardous Waste Management (3) or ERM 501 Principles of Hazardous Materials and Waste Management (3)

ERM 407 Occupational Hygiene (3) or ERM 507 Industrial Hygiene (3)

ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3) or ERM 527 Environmental/Resources Regulations Concepts (3)

ERM 506 Chemistry of Hazardous Materials (3)

Electives:

ERM courses at the 400 or 500 level (9)

Please see an advisor to register for 500-level courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

For U.S. Department of Education Gainful Employment Program Disclosure information, see

<https://catalog.asu.edu/files/disclosures/TSETMCERT/Gedt.html> (<https://catalog.asu.edu/files/disclosures/TSETMCERT/Gedt.html>).

Contact Information:

Engineering, Ira A. Fulton Schools of

Tech Entrepreneurship & Mgmt

<https://poly.engineering.asu.edu/erm/>

WANER 230

technology@asu.edu

480-727-1874

Health Science for the Peace Corps Certificate (NHHSPCCERT)

Campus: Downtown Phoenix

Description:

The certificate program in health science for the Peace Corps is designed to give students who plan to apply for the Peace Corps a background in the foundational areas of health care: cultural and social determinants of health, public and community health, U.S. and global health systems and changing health behaviors. Students who complete the certificate program will be prepared to provide transdisciplinary perspectives on global health needs.

Program Requirements:

The certificate requires a minimum of 18 credit hours, of which at least 12 credit hours must be upper division credits. Courses taken as part of a university major may count toward both the degree and the certificate.

Required Courses (18 credit hours):

HCD 303 Global Health Care Systems, G (3)

HCD 305 Public and Community Health (3)

HSC 210 Cultural Aspects of Health, C (3)

HSC 330 Health Care Systems in the U.S. (3)

HSC 340 Changing Health Behaviors (3)

PBH 100 Introduction to Public Health (3)

A minimum grade of "C" (2.00 on a 4.00 scale) is required for all upper division courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students must first be admitted to the university.

An application to the certificate program is required.

Contact Information:

Health Solutions, College of
College of Health Solutions
<https://chs.asu.edu/programs/undergraduate>
HLTHS 444AA
chs@asu.edu
602-496-3300

History and Philosophy of Science Certificate (LAHPSCERT)

Campus: Tempe

Description:

The School of Life Sciences offers an undergraduate certificate in the history and philosophy of science. This program is designed to give students an understanding of both traditional philosophical issues surrounding science and the historical development of concrete scientific theories and ideas.

Philosophical questions about how we understand nature 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 the humanities. It crosses disciplines to help students engage in unfamiliar and familiar paths of inquiry in new and interesting ways.

Program Requirements:

All courses counting toward the certificate must be approved by an undergraduate advisor in the School of Life Sciences and passed with a grade of "C" (2.00 on a 4.00 scale) or higher. The certificate requires 18 credit hours from the HPS and PHI prefixes.

Required Course:

PHI 314 Philosophy of Science, HU (3)

Electives:

Of the remaining 15 hours to be completed, at least nine credit hours must be taken in HPS courses.

At least 12 credit hours must be upper-division.

Depending upon a student's undergraduate program of study, prerequisite courses maybe needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to study at ASU may complete a certificate. To apply to the university, please complete the university's online application. Please contact the School of Life Sciences for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 131
sols.advising@asu.edu
480-727-6277

Homeland Security Certificate (PPHSLCERT)

Campus: Downtown Phoenix, Online

Description:

The 21 credit hour homeland security certificate will provide students with the skills and credentials necessary to prepare them to enter fields specializing in homeland security. Students will receive extended education in topics such as domestic and international terrorism, cyber terrorism and advanced crime courses.

Program Requirements:

The following courses are required: (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)

The following courses are electives: (6 credit hours)

CRJ 350 Law and Social Control, SB (3)
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)
CRJ 494 Media, Crime and Criminal Justice (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for all upper-division course work.

Depending upon a student's undergraduate program of study, 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.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/certificates/undergraduate-certificate-homeland-security?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Honors Business Consulting Certificate (BAECNUERT)

Campus: Tempe

Description:

This certificate is designed to enhance a student's knowledge in a major while also adding to the understanding of business strategy in a global market. The required curriculum strengthens skills in:

- business judgment
- conceptualization of strategic solutions
- critical thinking and problem-solving

Program Requirements:

The program consists of 15 credit hours of course work. Students must meet all prerequisites and course requirements as listed in the catalog. All 15 credit hours must be ASU credit.

Honors Business Core, with a grade of "B" (3.00 on a 4.00 scale) or higher in each course: (6)

ECN 303 Honors Managerial Economics (3)

FIN 303 Honors Finance (3)

MGT 303 Honors Organizational Strategies, Leadership and Behavior (3)

MKT 303 Honors Marketing Theory and Practice, L (3)

SCM 303 Honors Global Supply Operations (3)

Business Modeling and Analysis, with a GPA of 3.00 or higher; only courses in which a student earns a grade of "C" (2.00) or higher may be used: (9)

WPC 494 Topic: Consulting in Business (3)

WPC 494 Topic: Consulting Projects (3) or WPC 493 Honors Thesis, L (3)

WPC 494 Topic: Modeling Tools in Consulting (3)

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate is limited to honors students in the W. P. Carey School of Business. Students must submit an application for admission during the spring semester of their sophomore year. The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>).

Please contact the department for more information.

Contact Information:

Business, W. P. Carey School of

Department of Economics

<https://my.wpcarey.asu.edu/undergrad/academics/honors-certificate.cfm>

MCRD 102

wpcacademy@asu.edu

480-965-8710

Human Rights Certificate (LAHRTSCERT)

Campus: Tempe

Description:

The certificate program provides students with historical, legal and philosophical perspectives from which to think broadly and critically about human rights issues. Course work will prepare students to design solutions to dilemmas 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 hours of qualifying course work, at least 12 hours of which must be from ASU. A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to count toward the certificate.

Required Certificate Core Courses:

Global Politics of Human Rights: (3 credit hours; select one of the following courses)

JUS 352 The Global Politics of Human Rights (3)

POS 368 Ethics and Human Rights (3)

POS 480 Global Justice, G (3)

Human Rights Institutions and Organizations: (3 credit hours; select one of the following options)

HON 494 Topic: International Human Rights Law (3) (open to Barrett students only)

JUS 394 Topic: Human Rights Organizations and Institutions (3)

POS 465 International Organization and Law, SB, G (3)

SGS 321 International Institutions and Global Governance (3)

Transdisciplinary Component: (9 credit hours)

Students must 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 academic units. Any course listed below may count toward this requirement, as well as other courses as approved by the certificate program director.

Marginalization and Human Rights:

AFR 301/JUS 300 Race and Racism in the 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)

APA 330/WST 331 Asian Pacific American Genders and Sexualities, SB, C (3)

APA 360 Asian Pacific American Experience, HU or SB, C (3)

ASB/POS/SBS/SOC 339 Grassroots Social Movements, SB (3)

ENG 494 Topic: Nonviolence and the Civil Rights Movement (3)

FMS/SLC 494 Topic: Latin American Queer Filmmaking (3)

JUS 430 Social Protest, Conflict and Change, L or SB, C (3)

JUS 438 Human Differences: Dilemmas of Justice, L or HU, C (3)

JUS 456/SOS 456 Human Rights and Sustainability, L or SB, G (3)

JUS 468 Protest, Justice, Law and the Media, SB (3)

JUS 469 Political Deviance and the Law, L or SB, C (3)

JUS/POS 473/REL 482 Religion, Violence and Conflict Resolution (3)

POS 480 Global Justice, G (3)

REL 388 Religion, Ethics and International Politics (3)

SGS 343/REL 379 Religion, Nationalism and Ethnic Conflict, HU, G (3)

SOC 445 Globalization, Development and Resistance, SB, G (3)

SPA 494/SLC 494 Topic: Latin American Photography and Human Rights (3)

WST/ASB/SSH 305 Poverty and Global Health, L or SB, G

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)(3)

Social Stratification and Human Rights:

AFR 305 The Global History of the Trans-Atlantic Slave Trade, SB, H (3)

AFR 327 Human Rights in Africa (3)

AFR 470 Women's International Human Rights (3)

APA/CDE/SOC 350/TCL 360/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 Economic Justice, L or SB, G (3)

JUS 415 Gender and International Development, L, G (3)

JUS 477 Youth and Justice, L or SB, (3)

PHI 336 Social and Political Philosophy, HU (3)

WST 365 Women and International Health, G (3)

WST 470 Gender and Popular Culture, HU, C (3)

States and Conflict:

HST 370 Eastern Europe in Transition, SB, G, H (3)
HST 436 The Soviet Experiment, SB, G, H (3)
JUS 374 The Holocaust, Genocide and Human Rights (3)
JUS 452 Justice Issues in Israel and Palestine: The Political is Personal (3)
JUS 467 Terrorism, War and Justice, SB (3)
JUS 469 Political Deviance and the Law, L or SB, C (3)
JUS 479 Law and Disputing, L or SB (3)
JUS 494 Topic: Justice in Times of Transition (3)
PHI 448 Justice and Reparations (3)
POS 368 Ethics and Human Rights (3)
POS 465 International Organizations and Law, SB, G (3)
REL 388 Religion, Ethics and International Politics (3)
SGS/HST 494 Topic: Wartime Occupations and Colonial Wars (3)
SPA 472 Latin American Society: Five Case Studies, HU, H, G (3)

Experiential Learning Component: (3 credit hours)

Students will choose one of the following, in consultation with the advisor:

JUS 484 Internship (3)
JUS 498 Topic: Research Apprenticeship (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who have attained 30 credit hours in any undergraduate degree program in any field at ASU are eligible for admission to the certificate in human rights. There are no formal admission procedures to begin certificate course work, but students should contact an advisor as soon as they decide to begin pursuing the certificate.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/human-rights>
WILSN 125
SSTadvising@asu.edu
480-965-7682

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.

Students completing this program are able to use methods for and understand 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
- storing, indexing and retrieving information

Graduates should be in high demand within the software industry, but also in government, education, science, medicine and other fields that make use of computer technology. Students with the applied and user-oriented focus of the certificate will be attractive to such employers.

Program Requirements:

This program requires 21 credit hours of course work. Students will take 15 credit hours of required courses and will select six credit hours of elective course work. The certificate requires at least 12 credit hours of upper-division course work. Note: Some of the required courses have

additional prerequisites. Students need to allow at least two years to complete the certificate due to the prerequisite structure.

Core Courses:

- CPI 101 Introduction to Informatics, CS (3)
- CPI 200 Mathematical Foundations of Informatics, MA (3)
- CPI 220 Applied Data Structures and Algorithms (3)
- CPI 350 Evaluation of Informatics Systems (3)

Statistics Course: (select one)

- IEE 380 Probability and Statistics for Engineering Problem Solving, CS (3)
- STP 420 Introductory Applied Statistics, CS (3)

Electives: (six credit hours)

Refer to the CIDSE website for list of approved electives: <https://cidse.engineering.asu.edu/forstudent/undergraduate/certificates/informatics/>.
(<https://cidse.engineering.asu.edu/forstudent/undergraduate/certificates/informatics/>)

A grade of "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisites courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The undergraduate certificate in informatics is available to all students who are in good standing at ASU and may be used by BIS students as part of their degree program. Students need to submit an undergraduate certificate form to the School of Computing, Informatics and Decision Systems Engineering Academic Advising Center located in BYENG, Room 225. This form is available on the registrar's website. BIS students need to contact their BIS advisor to add the informatics concentration to their degree program.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computing and Informatics Program
<http://cidse.engineering.asu.edu/forstudent/undergraduate/certificates/informatics/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Innovation for Impact Certificate (FIIFICERT)

Campus: Tempe

Description:

This certificate program will enable students to cultivate the knowledge, skills, and critical dispositions necessary to leverage the power of innovation to achieve personally meaningful and socially significant impact. It is grounded in the belief that each of us can do great things. This program will provide tools and concepts to synthesize research from courses across disciplines in social sciences, humanities, natural sciences and engineering -- from across campus as well as across the globe. Students will 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:

- FIS 201 Innovation in Society (3)
- FIS 305 Ways of Knowing (3)
- FIS 307 Navigating Futures (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)*

*The prerequisites for this course are FIS 371 Innovation for Impact: Impact Journey (1), FIS 372 Innovation for Impact: Inquiry Journey (1) and FIS 373 Innovation for Impact: Inquiry Journey (1).

Total credits: 15

Depending upon a student's undergraduate program of study, 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. To apply to the university, please complete the Admission Services online application. Please contact the School for Innovation in Society for more information about completing the certificate.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDSB 366
sfisadvising@asu.edu
480-727-8787

International Business Certificate (BAIBSCERT)

Campus: Tempe

Description:

Students can expand their horizons and opportunities by learning about the global economy. The certificate program is designed to:

- develop competence in a foreign language
- develop sensitivity to foreign cultures
- provide an awareness of global social processes
- provide an understanding of international business environments, principles and operations

The W. P. Carey School of Business has partnerships with universities in Europe, Asia and Latin America, 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 Study Abroad Office.

Program Requirements:

This certificate program requires a minimum of 18 credit hours (at least 12 credit hours must be upper division), which are outlined below. All business course work 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 higher 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. Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

The four required areas of completion for the certificate are:

international business course work (9)
international study experience
language proficiency
nonbusiness global awareness course work (9)

A. International Business Course Work (9)

Three international business courses must be taken. Students must choose one foundation course and two electives.

Foundation course:

MGT 302 Principles of International Business, G (3) or ECN 306 Survey of International Economics, SB, G (3)

Electives: (choose two, for a total of six credits)

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 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)

study abroad business courses*

*300+ level WPC-prefixed courses earned on a sponsored ASU Study Abroad program may be applied toward the IBC elective area, per approval of the international programs coordinator. Courses applied toward the W. P. Carey business core cannot be used toward the IBC elective area.

B. Nonbusiness Global Awareness Course Work (9)

These hours may be satisfied by any combination of the following:

- **Recommended:** It is recommended to choose courses related to the area of study abroad experience. Additional courses may be approved by the international program coordinator.
- Students can choose any of the university-designated nonbusiness global awareness ("G") courses.
- One course must be upper-division to meet the 12 upper-division hours requirement.
- 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 the equivalent of one year of college-level study of a foreign language. Foreign language proficiency is met in one of the following ways:

- 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 course work
- 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 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.

Enrollment Requirements:

The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>). Please contact the department for more information and see <https://my.wpcarey.asu.edu/undergrad/academics/ibc.cfm> (<https://my.wpcarey.asu.edu/undergrad/academics/ibc.cfm>).

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/BAIBSCERT/Gedt.html> (<https://catalog.asu.edu/files/disclosures/BAIBSCERT/Gedt.html>).

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://my.wpcarey.asu.edu/undergrad/academics/ibc.cfm>

BA 160

wpcglobalprograms@asu.edu

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. The certificate provides an integrated pathway through the variety of international film courses already offered in the School of International Letters and Cultures. It explores facets of international film history and production often not covered by American programs in film studies and allows students majoring in a second language the opportunity to explore a particular culture's filmic heritage and 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. A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Required core course: (3 credit hours)

SLC 440 Film Theory and Criticism, HU (3)

Five elective courses: (15 credit hours)

CHI 345 Chinese Film and Civilization (3)

FMS 426 Films of India (3)

FMS 427 Identity and World Film (3)

FMS 430 Artists in Film: Artists' Biopics (3)

FMS 441 Global Cinema, HU and G (3)

FRE 325 French Language and Culture through Film (3)

GER 445 The Holocaust in German-Mediated Memory (3)

GER 446 Weimar-Era German Film (3)

ITA 420 Italian Cinema (3)

KOR 347 Korean Film and Literature, HU (3)

RUS 424 Tolstoy and War and Peace in Russian Literature and Cinema, L or HU (3)

SLC 450 Experimental Narrative (3)

SPA 494 Special Topics: Latin American Film (3)

THE 404 World Cinema, G (3)

THE 422 Latina and Latino Theatre and Film, HU and C (3)

Additional courses may be approved by the coordinator of the certificate program.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Degree students: ASU students in sophomore standing or above, with at least a 2.50 GPA (scale is 4.00 = "A") in any degree program will be eligible for the international cinema certificate program.

Ordinary fees for the School of International Letters and Cultures learning support service will apply --- currently \$30 per class for some School of International Letters and Cultures classes.

Admission to the certificate program will be approved by the certificate coordinator, Daniel Gilfillan, in consultation with advisors.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu>

LL 440

silcadvising@asu.edu

480-965-6281

International Studies Certificate (LAINSCERT)

Campus: Tempe

Description:

The international studies certificate is designed to prepare students for careers in government agencies, international governmental and nongovernmental organizations, multinational firms and banks, and for graduate studies in international relations or political science. 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:

Requirements for the certificate are intended to provide an understanding of international relations and comparative government, an awareness of global, social and political-economic processes, and sensitivity to foreign political systems and cultures. These objectives are met by a sequence of political science and global studies courses in the areas of international relations, comparative politics and area studies. Students majoring in any subject at the university may be awarded the international studies certificate upon completion of the following 15 credit hours of political science and global studies courses.

Choose one from the courses below:

POS 150 Comparative Government, SB, G (3)

POS 160 Global Politics, SB, G (3)

Choose one from the courses below:

POS 361 American Foreign Policy, SB, G (3)

POS 364 National Security, Intelligence and Terrorism, SB (3)

Choose two from the courses below:

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 (3)

SGS 303 Global Trends, SB (3)

Choose one from the courses below:

POS 305 Politics and Film, SB (3)*

POS 350 Comparative Politics, SB, G (3)

POS 351 Democratization, SB, G (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 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)

*Approved topics only. Students must meet with an academic advisor in the School of Politics and Global Studies to select appropriate topics.

Certificate students must have a minimum GPA of "C" (2.00 on a 4.00 scale); only courses in which students have a grade of "C" (2.00 on a 4.00 scale) or higher count toward the certificate. A minimum of six upper-division credit hours must be taken in courses offered by the College of Liberal Arts and Sciences.

Enrollment Requirements:

Any student admitted to study at ASU may complete a certificate. To apply to the university, please complete the university's online application for admission. Please contact the School of Politics and Global Studies for more information about completing the international studies certificate.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies

<https://pgs.clas.asu.edu/>

COOR 6797

spgs@asu.edu

480-965-8563

Islamic Studies Certificate (LAISLCERT)

Campus: Tempe

Description:

The certificate program is designed to prepare students for graduate programs in religious studies, Islamic studies and area studies or for any academic discipline (such as professional programs in international law and business) that focuses on global Muslim society.

Program Requirements:

Students complete a minimum of 26 credit hours, chosen in consultation with the Islamic studies program coordinator. A minimum grade of "C" (2.00 on a 4.00 scale) is required in each course. A minimum of 12 upper-division credit hours are required. To earn the certificate, students must complete these requirements:

eight credit hours of Arabic, Indonesian, Farsi or another Islamic language approved by the program coordinator*

nine credit hours of required core courses:

- REL 260 Introduction to Islam, HU, G (3)
- REL 365 Islamic Civilization, HU, H (3)
- REL 366 Islam in the Modern World, HU, G (3)

nine credit hours in elective course work from a variety of disciplines that deal with Islam or Islamic studies, including courses from at least two of three geographic regions (Africa and the Middle East, American and Europe, Asia)**

*Students who are native speakers of these languages or who otherwise have equivalent knowledge may substitute eight hours of additional course work approved by the program coordinator.

**Students work with an academic advisor in the School of Historical, Philosophical and Religious Studies to select appropriate elective courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to study at ASU is eligible for the Islamic studies certificate program. There are no specific admission requirements other than a student's desire to learn about Islam and Islamic societies and culture.

Students wishing to add the certificate in Islamic studies to their plan of study must consult with an academic advisor in the School of Historical, Philosophical and Religious Studies. Students who complete all the requirements of their undergraduate major, their college and the certificate program receive the certificate plus transcript recognition of its completion.

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<https://shprs.clas.asu.edu/islamic>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Jewish Studies Certificate (LAJUDCERT)

Campus: Tempe

Description:

The Jewish studies program is designed with the following goals in mind:

- examine the history and culture of the Jews
- generate and facilitate research on Judaica

- provide a model for transdisciplinary teaching and research
- provide the community with programs, courses and research, furthering the understanding of Judaica
- stand as an example of the university's commitment to a program of meaningful ethnic studies on a firm academic base

Program Requirements:

To complete the certificate in Jewish studies, a student must successfully complete 21 credit hours in approved Jewish studies with a grade no lower than a "C" (2.00 on a 4.00 scale) in any course. At least 12 credit hours must be completed at the upper-division level. Students should declare the Jewish studies certificate as early as possible in their program of study with an academic advisor in the School of Historical, Philosophical and Religious Studies. Curriculum requirements include the following:

- completion of at least two semesters of Hebrew language or equivalent approved courses
- one Jewish studies course in three of the following five areas:
- history
 - humanities
 - literature
 - religious studies
 - social studies
 - two courses of the student's choice in any Jewish studies-related subject

Students petition for receipt of the certificate by notifying the School of Historical, Philosophical and Religious Studies advising center upon completion of courses.

Depending upon a student's undergraduate program of study, 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. Students wishing to pursue the certificate must make a formal declaration of intent through the submission of the certificate in Jewish studies application to the School of Historical, Philosophical and Religious Studies advising center.

Contact Information:

Liberal Arts & Sciences, College of
 Historical, Philosophical & Religious Studies, Sch
<http://jewishstudies.clas.asu.edu/certificate>
 COOR 3307
 SHPRSadvising@asu.edu
 480-965-8364

Korean Studies Certificate (LAKORCERT)

Campus: Tempe

Description:

The certificate in Korean studies aims to train and produce students who are linguistically able and culturally informed. The program consists of two major components. The first is to build students' Korean language proficiency in the areas of speaking, listening, reading and writing. The second is to offer 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, which cannot be attained through the existing degree or nondegree programs in East Asian studies at ASU.

The program will enrich students' perspectives on different cultures and societies at the intellectual level and also equip students with practical knowledge of Korea that will benefit careers in various professions, including academia, government work, international trade, nongovernmental organizations and translations.

Program Requirements:

The certificate in Korean studies requires 22 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 Korean language courses: (10 credit hours)*

KOR 101 First-Year Korean I (5) and KOR 102 First-Year Korean II (5) or KOR 201 Second-Year Korean I, G (5) and KOR 202 Second-Year Korean II, G (5)

*Course substitutions may be permitted for heritage speakers and other advanced speakers of the Korean language based on their Korean language proficiency level as determined by the Korean Placement Test.

Students must also take the 12 credit hours (4 courses) from the following course list:**

KOR 321 Korean Literature and Translation (3)

KOR 347 Korean Film and Literature, HU (3)

KOR 350 Women of Korea, H (3)

KOR 354 Religious Traditions of Korea, HU (3)

**Additional courses may be approved by the coordinator of the certificate. These credit hours will be chosen in consultation with a School of International Letters and Cultures advisor or the coordinator of the certificate. The completion of the requirements will be reviewed both by the students' designated advisors and the coordinator of the program.

Depending upon a student's undergraduate program of study, 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 would be eligible for the Korean studies certificate program. Please contact the School of International Letters and Cultures for more information about completing the certificate.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad/minor-certs>

LL 440

silcadvising@asu.edu

480-965-6281

Latin American Studies Certificate (LALASCERT)

Campus: Tempe

Description:

The Latin American studies certificate program is designed to give students an understanding of the culture, economies, political structures and history of Latin American nations. The certificate 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 combine in the transdisciplinary certificate.

Program Requirements:

Language Requirement:

The certificate requires Spanish or Portuguese proficiency through the 313 level of conversation and composition. Native speakers, or those with in-field experience equivalent to SPA 313 or POR 313 can have this requirement waived. The School of International Letters and Cultures, under the leadership of its director, is charged with the evaluation of language competency.

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 course work to the Latin American studies certificate course requirements.

Latin American Content Course Requirements:

Students will take 18 upper-division credit hours (six courses) from the list of undergraduate Latin American content courses. See the advisor in the School of International Letters and Cultures for the list of courses. Students are required to select nine credit hours (three courses) from within their major and nine credit hours (three courses) outside their major.

Courses include but are not limited to:

POR 472 Luso-Brazilian Civilization, HU, G (3)

SPA 427 Colonial and Post-Colonial 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 454 19th-Century Spanish American Narrative (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)

At least four of the six courses must be taken from courses offered by the College of Liberal Arts and Sciences. Only courses completed with a grade of "C" (2.00 on a 4.00 scale) or better may be used to satisfy the requirements for the certificate.

Depending upon a student's undergraduate program of study, 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.

For more information, contact the School of International Letters and Cultures and see the school's website.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Leadership and Ethics Certificate (PPLDECERT)

Campus: Downtown Phoenix

Description:

The certificate in leadership and ethics is designed for undergraduate students who are interested in developing leadership skills or wish to enhance their degree in an existing major at ASU, working adults who may wish to further their education yet may not be looking for a degree program, or BIS students who seek to combine certificates with their degree.

The certificate program provides a catalyst for students to become ethical leaders of organizational and community change. This certificate is designed to:

- explore the relationship between leadership and the capacity for individuals to assume responsibility for their actions and to act with a sense of ethics and integrity
- focus on understanding the broad transdisciplinary field of leadership and its application to various elements of society and community
- prepare individuals for positions of leadership and responsibility in the university, in student organizations, in their communities and throughout their careers in business, government and society

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 course work may be selected from an approved list of elective classes 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:

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)

Electives: (choose one from the following list)

BUS 497 or HON 497 Honors Colloquium (3)
COM 430 Leadership in Group Communication (3)
MGT 300 Organization and Management Leadership (3)
PAF 420 Public Leadership (3)
POS 314 The American Presidency, SB (3)
NLM 430 Managing Nonprofit Organizations, L (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.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

There are different application requirements, depending on the student's enrollment status with ASU. Students are also encouraged to schedule an appointment with the undergraduate academic adviser in the School of Public Affairs.

Undergraduate Students Currently Enrolled at ASU

Current students interested in earning the certificate must complete a request to add an undergraduate certificate and return it to the undergraduate academic advisor in the School of Public Affairs at the University Center on the Downtown Phoenix campus. Students may begin taking courses before they formally register for the certificate; however, they are encouraged to complete the paperwork as soon as possible.

Download the request to add an undergraduate certificate at <https://students.asu.edu/forms/undergraduate-certificate> (<https://students.asu.edu/forms/undergraduate-certificate>).

Individuals Not Currently Enrolled at ASU

Individuals who are not currently enrolled as students at Arizona State University must complete an application to enroll as a nondegree-seeking student before they may begin taking courses. For information on admission and to complete an application, visit the university's nondegree student admission page at <https://students.asu.edu/admission/nondegree> (<https://students.asu.edu/admission/nondegree>).

Once students have been admitted, they are eligible to enroll in courses to complete the certificate program.

Contact Information:

Public Service and Community Solutions, 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 is designed to help students understand the concept of leadership, to cultivate their leadership identity and to understand how the development of their leadership skills will impact their professional development. Through this certificate program, students will develop a strong set of skills necessary for success in a dynamic workplace including communication, teamwork and collaboration, and problem-solving skills.

Program Requirements:

Required leadership course work: (6)
MGT 310 Collaborative Team Skills (3)
MGT 411 Leading Organizations (3)
Elective course work: (9)
two courses of leadership development electives (6)
one cultural competency elective (3)

Completion of four cocurricular experiences:

- Complete an approved internship. This must include internship or employment supervisor documentation. This requirement must be completed after approval to add the certificate.
- Complete an ASU-affiliated study abroad program or 75 hours of service learning or community service.
- Hold an approved leadership position on an executive board with a registered ASU club or organization on campus. This must be approved by the organization's staff or faculty advisor.
- Hold an approved leadership role in support of the W. P. Carey School of Business or ASU community.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

W. P. Carey students may apply to this program once they have completed MGT 310 Collaborative Team Skills (3) and at least one of the four required experiences.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees/leadership-business-certificate>
BA 170
wpcareyug@asu.edu
480-965-4227

Leadership, Ethics and Service Certificate (PPLETSCERT)

Campus: Downtown Phoenix

Description:

The certificate program includes course work with an emphasis on values, ethics, leadership and public service. In addition to in-class instruction, the certificate includes a service learning component during the summer and out-of-classroom activities.

Program Requirements:

The certificate consists of the following courses:

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)

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in this certificate should schedule an appointment with the assistant dean for the College of Public Service and Community Solutions by calling 602-496-0600.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://publicservice.asu.edu/>
UCENT 780
copp@asu.edu
602-496-0600

Lesbian, Gay, Bisexual and Transgender Certificate (PPLGBTCERT)

Campus: Downtown Phoenix

Description:

The undergraduate certificate in lesbian, gay, bisexual and transgender studies is offered by the Committee on Lesbian, Gay, Bisexual and Transgender Studies, administered through the College of Public Service and Community Solutions. Advising is provided through the College of Letters and Sciences. Lesbians, gay men, bisexuals and transgendered 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. The philosophy of this certificate program 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 LGBTQ community
- practical experience utilizing course work knowledge in the community through an internship or community service project
- theoretical perspectives on heterosexuality as a presumptive sexual identity
- an understanding of lesbian, gay, bisexual and transgender studies as an academic area of inquiry
- an understanding of community politics, dynamics and conflicts
- use-inspired education that culminates in a public presentation

Program Requirements:

The certificate requires 15 credit hours; a minimum of 12 must be upper-division.

Required Courses:

SWU 180 Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies, SB, C (3)

Electives (9):

electives are selected from an approved list*

Capstone (3)

*Please see: <https://cls.asu.edu/lgbt/checksheets> (<https://cls.asu.edu/lgbt/checksheets>).

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students interested in admission to the certificate program should meet with an LGBT certificate academic advisor in the College of Letters and Sciences as soon as possible in order to complete a certificate declaration form and to select courses that most appropriately meet students' individual needs. For more information see: <https://cls.asu.edu/lgbt/> (<https://cls.asu.edu/lgbt/>).

Contact Information:

Public Service and Community Solutions, College of
College of Public Service and Community Solutions

<https://cls.asu.edu/lgbt/>

UCENT 300

copp@asu.edu

480-965-4464

Medieval and Renaissance Studies Certificate (LAMRSCERT)

Campus: Tempe

Description:

In order to reflect the transdisciplinary nature of the field, the Arizona Center for Medieval and Renaissance Studies has established a certificate program for undergraduate students in medieval and Renaissance studies.

The program provides students the opportunity to take classes from several disciplines and to receive training in both Latin, the international language of the periods, and early vernacular languages. Obtaining the certificate prepares undergraduate students for advanced study in their fields.

Program Requirements:

In addition to the course work and examinations required in a student's major field of study, students must complete a minimum of 18 credit hours to

earn the certificate:

two semesters (6-8 credit hours) of classical Latin or biblical Hebrew

two semesters (6-8 credit hours) of either classical or Medieval Latin, biblical Hebrew, or of a vernacular language of the period (e.g., Old English, Old Norse, Old French, Renaissance Italian)

two semesters (6 credit hours) of upper-division course work (300-level or above) in medieval and Renaissance studies outside the student's major discipline

a thesis of approximately 25 pages in length written within the student's major discipline for an upper-division course on a topic concerning the Middle Ages or Renaissance*

*Students may earn three course credits for the thesis if taken as an individualized instruction course (e.g., ENG 499, HST 499, REL 499) at ASU. The thesis may be used to fulfill the thesis requirement for students enrolled in the Honors College.

A minimum of a "C" (2.00 on a 4.00 scale) is required in all course work leading to the certificate.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to a degree program at ASU may complete a certificate. Please contact the Arizona Center for Medieval and Renaissance Studies for more information and to complete the online application <https://acmrs.org/academic-programs/certificate/undergrad> (<https://acmrs.org/academic-programs/certificate/undergrad>).

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://acmrs.org/academic-programs/certificate>
COOR 4432
acmrs@asu.edu
480-965-8097

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 modern Hebrew. The certificate program also includes study of the Israeli culture, literature, politics and history. It enriches students' perspectives on the Middle East and offers deeper understanding of current affairs. Students pursuing careers in foreign politics, international business, tourism, media, translation and in different levels of education will benefit from this certificate program.

Program Requirements:

The certificate requires 20 credit hours. A "C" (2.00 on a 4.00 scale) or better is required in all courses.

Required courses: (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)

Elective courses: (6 credit hours)

HEB 347/JST 347/SLC 347 Modern Israeli Literature in Translation, HU and G (3)

HEB 348/JST 348/SLC 348 or REL 311 Israeli Society and Culture, HU and G (3)

HST 372 Modern Middle East, SB, G and H (3)

Note: A minimum of 12 credit hours must be earned at ASU or in an ASU-approved study abroad program.

Depending upon a student's undergraduate program of study, 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 will be 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, G (4) to satisfy the requirements to enroll in HEB 201 Intermediate Modern Hebrew, G (4).

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/student-life/academic-advising>
LL 440
silcadvising@asu.edu
480-965-6281

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 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.

The NLA/ASU program provides curricular and cocurricular programs that prepare students through its competency-based, experiential educational framework. 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/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 cocurricular, experiential activities in addition to required academic course work.

Required Courses:

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) (one credit each, over four semesters)
NLM 420 Nonprofit Leadership Alliance Institute (1-2)
NLM 430 Managing Nonprofit Organizations, L (3)
NLM 463 Senior internship (6-12) or NLM 484 Internship (1-12)*

*NLM 484 Internship is for students not pursuing a Nonprofit Leadership and Management major.

Standards:

- 30 hours of graded course work
- minimum "C" (2.00 on a 4.00 scale) grade required for all classes in the certificate
- minimum GPA of 2.00 for those pursuing the certificate
- should be a junior to take 400-level courses

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Applications for the Certified Nonprofit Professional certificate are available through the School of Community Resources and Development academic advisors and the Nonprofit Leadership Alliance senior program coordinator.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/PPNPYCERT/Gedt.html> (<https://catalog.asu.edu/files/disclosures/PPNPYCERT/Gedt.html>).

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Oral History Certificate (ASOHCCERT)

Campus: West

Description:

The certificate in oral history, offered by the School of Humanities, Arts and Cultural Studies, introduces the interdisciplinary theories and methods required to collect, document and preserve the stories of people's lives. Through the oral history certificate, students will gain an understanding of and appreciation for diverse cultures, past and present, and will 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.

Program Requirements:

Students must meet with the program coordinator to review the certificate requirements and sign the certificate check sheet agreement. The student should also consult an academic advisor in the college, school or department of their major to make sure the college, school or department recognizes the certificate. All course work in the program must be completed with a grade of "C" (2.00) or higher. A total of 18 credit hours is required.

Residency Requirement:

Of the 18 upper-division credit hours required for the certificate, students must complete a minimum of six upper-division (300 and 400 level) credit hours offered by the School of Humanities, Arts and Cultural Studies.

Core Requirements:

HRC 310 Social and Cultural Studies: Method and Theory (3)

HRC 480 Capstone: Practices and Approaches (3)

The course bank includes upper-division courses offered throughout the university. Students may choose from the following prefixes, upon approval by appropriate faculty or advisor:

- American Studies (AMS)
- Communication Studies (COM)
- English (ENG)
- Ethnic Studies (ETH)
- History (HST)
- Humanities, Arts and Cultural Studies (HRC)
- Interdisciplinary Arts and Performance (IAP)
- Integrative Studies (IAS)
- Latin American Studies (LAS)
- Philosophy (PHI)
- Religious Studies (REL)
- Sociology (SOC)
- Spanish (SPA)
- Women and Gender Studies (WST)

Recommended Courses:

COM 342 Oral History and Storytelling (3)
ENG 317 Cross-Cultural Writing, L or HU, G (3)
ENG 361 Scriptwriting (3)
ENG 376 Writing a Personal History, L (3)
ENG 377 Editing Family History for Public Audiences, L (3)
ENG 412 Creative Nonfiction (3)
ENG 476 Studies in Folklore, L or HU or SB, C (3)
IAP 331 Performance, Acting and the Individual (3)
IAP 364 Documentaries (3)
SOC 389 Ethnographic Field Lab (3)
WST 370 Chronicling Women's Lives, HU, C (3)
WST 473 Indigenous and Latina/Chicana Representation, SB, C (3)

Depending upon 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 oral history is open to all ASU undergraduate majors. This certificate is also available for graduate students, nondegree 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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/oral-history-certificate>
FAB N201
harc sadvising@asu.edu
602-543-4444

Philosophy, Rhetoric and Literature Certificate (ASPRLCERT)

Campus: West

Description:

The certificate in philosophy, rhetoric and literature, offered by the School of Humanities, Arts and Cultural Studies, is an interdisciplinary humanities program that integrates continental philosophy and religion, critical theory, rhetoric, literary criticism, aesthetics and communication. Through course work, students examine philosophical approaches to literary studies, conflicts between rhetoric and philosophy, and rhetorical elements of literature and theory. This program will prepare students for advanced study in the humanities, social and behavioral sciences, and the arts as well as lifelong learning in a variety of fields.

Program Requirements:

The certificate in philosophy, rhetoric and literature is awarded for successful completion of 18 upper-division credit hours of course work:

- one course (3 credit hours) in Core I: Rhetorical Perspectives
- one course (3 credit hours) in Core II: Continental Philosophy
- twelve elective credit hours from the approved course list in philosophy, rhetoric and literature (6 credit hours from Pool A and 6 credit hours from Pool B)

All elective course offerings from the course bank will be regularly updated and overseen by the facilitators of the certificate program. Students must meet with the program academic advisor to review the requirements and sign the certificate check sheet. Students should also consult an academic advisor in the college or department of their major to make sure the college or department recognizes the certificate. All course work in the program must be completed with a grade of "C" (2.00) or higher.

Of the 18 upper-division credit hours required for the certificate, 12 credit hours must be completed at ASU.

Core I Requirements

Rhetorical Perspectives: (3 credit hours)
ENG 400 History of Literary Criticism, L or HU (3)
ENG 472 Rhetorical Studies, L (3)

Core II Requirements

Philosophical Perspectives: (3 credit hours)

ENG 401 Topics in Critical Theory (3)

PHI 304 Existentialism, HU (3)

PHI 311 Philosophy and Literature, HU (3)

PHI 411 Continental Philosophy (3)

Pool A: (6 credit hours)

ENG 394/494 Special Topics (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, HU (3)

ENG 454 Gender and Literature, L or HU (3)

ENG 461 Studies in Women and Literature, HU (3)

ENG 472 Rhetorical Studies, L (3)

ENG 478 Studies in Modernism, L or HU (3)

ENG 479 Studies in Postmodernism, HU, G (3)

HON 394/494 Special Topics (3)

IAP 371 Verbal Art (3)

IAP 471 Language, Culture and Performance, L or HU (3)

IAP 473 Aesthetic Research, L or HU (3)

Pool B: (6 credit hours)

COM 321 Rhetorical Theory and Research, L or HU, H (3)

COM 324 Rhetoric and Media Criticism (3)

COM 394/494 Special Topics (3)

COM 421 Rhetoric of Social Issues, HU (3)

COM 429 Semiotics and Visual Communications (3)

ENG 401 Topics in Critical Theory (3)

PHI 303/REL 300 The Future of Religions, L or HU (3)

PHI 304 Existentialism, HU (3)

PHI 311 Philosophy and Literature, HU (3)

PHI 318 Philosophy of Religion, HU (3)

PHI 336 Social and Political Philosophy, HU (3)

PHI 339 Philosophy of Art, HU (3)

PHI 390/REL 314 Jewish Philosophy (3)

PHI 391/REL 391 Historical Perspectives on Philosophy and Religion (3)

PHI 394/494 Special Topics (3)

PHI 411 Continental Philosophy (3)

PHI 494/REL 494 ST: Philosophical and Spiritual Issues in Death and Dying (3)

PHI 494/REL 494 ST: Post-Holocaust and Reparative Ethics (3)

REL 345 Asian Religious Traditions, HU, G (3)

Depending upon 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 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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/philosophy-rhetoric-and-literature-certificate>

FAB N201

newcollegePRL@asu.edu

602-543-4444

Political Entrepreneurship through Internships: Local to Global Certificate (LAPEICERT)

Campus: Tempe

Description:

The certificate is designed to prepare 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 requirements include applied practice in these settings and an internship. A variety of internship opportunities exist for students with global national, state or local interests. Course work in the social sciences, humanities and business will prepare students to be participants in policy processes as an avenue of civic engagement.

Program Requirements:

The requirements include applied practice in public policy settings and internship opportunities. Students majoring in any subject at the university may be awarded the certificate upon completion of the following 15 credits (12 of which must be upper-division and nine of which must be taken from the College of Liberal Arts and Sciences):

Part One: Introductory Course

Select one of the following:

- POS 110 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: The Individual and Authority, SB (3)
- SGS 301 Principles of Global Studies (3)

Part Two: Policy and Leadership

Select one of the following:

- 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 468 Comparative Asian Foreign Policies, SB, G (3)
- POS 486 International Political Economy, SB, G (3)
- SGS 320 Mechanisms of 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

Students may use three or six credits of the following:

- POS 484 Internship
- SGS 484 Internship

Part Four: Related Elective

Select one or two of the following depending on the number of credits taken in part three:

- 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 Introduction to Organizational Communication, 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)
- FIN 380 Personal Financial Management (3)
- JUS 320 Community and Social Justice, SB, C (3)
- MGT 290 My Life Venture (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 311 Leadership and Change, SB (3)
PAF 340 Contemporary Policy Challenges (3)
PAF 410 Building Leadership Skills, SB (3)
PAF 420 Public Leadership (3)
PAF 460 Public Service Ethics (3)
POS 494 Special Topics: McCain Institute Policy Design (3)
SGS 204 Professional Global Career Development (or equivalent career exploration course) (3)
SOS 111 Sustainable Cities, HU or SB, G (3)
SOS 321 Policy and Governance in Sustainable Systems (3)
URB 305 Urban Governance (3)
URB 405 Citizen Engagement and Community Building (3)
USL 210 Service Learning: Intro to Diverse Community Issues, L, C (3)
USL 410 Service Learning: Diverse Community Issues, L, C (3)

Students earning the certificate must have a minimum GPA of 2.00 (scale is 4.00 = "A"); only courses in which students have a grade of "C" or higher count toward the certificate.

Depending upon a student's undergraduate program of study, 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. To apply to the university, please complete the Admission Services online application. Please contact the School of Politics and Global Studies for more information about completing this certificate.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu>
COOR 6702
SPGS@asu.edu
480-965-8563

Political Thought and Leadership Certificate (LAPTLCERT)

Campus: Tempe

Description:

The certificate program in political thought 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 in that history. The certificate program will prepare students for leadership in their own careers, political or otherwise. 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.

Program Requirements:

This certificate requires 15 credit hours.

Required Courses: (6 credit hours)

HST 112 Foundations of Democracy (3)
HST 414 Political Thought and Leadership (3)

Upper-division Electives: (nine credit hours from at least two different disciplines; such courses may include, but are not limited to the following)

HST 315 Political History of the U.S., SB, H (3)
HST 317 History of Postwar U.S. Conservatism (3)
JUS 321 Wealth Distribution and Poverty, SB, C (3)
JUS 332 Politics of Energy Policy and Justice (3)
PHI 336 Social and Political Philosophy, HU (3)
POS 341 History of Political Philosophy II, HU, H (3)

REL 420 Religion in American Life and Thought, HU (3)

Additional upper-division courses from disciplines such as economics, history, justice studies, philosophy, public service and public policy, and religious studies may be used with approval. All courses must be taken in residence at Arizona State University.

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to declare the certificate must meet with an academic advisor in the School of Historical, Philosophical and Religious Studies and one of the program's co-directors.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/minors>
COOR 4575
SHPRSadvising@asu.edu
480-965-8364

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:

Prerequisite course:

MKT 300 Marketing and Business Performance (3) or MKT 303 Honors Marketing Theory and Practice, L (3)

Required courses:

MKT 370 Professional Sales and Relationship Management (3)

MKT 410 Sales Management (3)

Choose any two courses from the following set:

MGT 430 Negotiations (3)

MKT 435 Entrepreneurial Marketing (3)

MKT 441 Sports Revenue Generation (3) or MKT 460 Sports Revenue Generation (BS students only) (3)

MKT 484 Internship (in sales) (3)

MKT 493 Honors Thesis (3)

To receive the certificate, students must complete the specified business courses with a grade of "C" or higher (2.00 on a 4.00 scale).

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

Open to W. P. Carey School of Business, non-marketing majors. The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>).

Contact Information:

Business, W. P. Carey School of
Department of Marketing

Public Administration and Public Management Certificate (PPPAFCERT)

Campus: Downtown Phoenix

Description:

The certificate in public administration and public management prepares students for citizenship, leadership and careers in governmental and nonprofit agencies. Students will learn the context and principles of public administration and how to apply these in a practitioner setting; the role of the public administrator in the design, implementation and evaluation of public policy; and how to lead change and address ethical issues in public service.

It is intended 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; or for BIS students who seek to combine certificates with their degree.

The program is designed for students interested in public service who want to learn skills 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
- strengthen democratic governance

Program Requirements:

The certificate in public administration and public management consists of 15 credit hours of course work; students take 12 credit hours of core classes and three credit hours of elective courses. The three credit hours of elective course work may be selected from an approved list of elective classes, taken upon the recommendation of the department.

Core Courses:

PAF 300 Public Management and Administration (3)

PAF 340 Contemporary Policy Challenges (3)

PAF 420 Public Leadership (3)

PAF 460 Public Service Ethics (3)

Contact college for a list of approved electives.

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

There are different application requirements, depending on the student's enrollment status with ASU. Students are also encouraged to schedule an appointment with the undergraduate academic advisor in the School of Public Affairs.

Undergraduate Students Currently Enrolled at ASU:

Current students interested in earning the certificate must complete a request to add an undergraduate certificate and return it to the undergraduate academic advisor in the School of Public Affairs at the University Center on the Downtown Phoenix campus. Students may begin taking courses before they formally register for the certificate; however, they are encouraged to complete the paperwork as soon as possible. Download the application at <https://students.asu.edu/forms/undergraduate-certificate> (<https://students.asu.edu/forms/undergraduate-certificate>).

Individuals Not Currently Enrolled at ASU:

Individuals who are not currently enrolled as students at Arizona State University must complete an application to enroll as a nondegree-seeking student before they may begin taking courses. For information on admission and to complete an application, visit the university's nondegree student

admission page at <https://students.asu.edu/admission/nondegree> (<https://students.asu.edu/admission/nondegree>).

Once students have been admitted, they are eligible to enroll in courses to complete the certificate program.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs

<https://spa.asu.edu/undergradminors>

UCENT 400

spa@asu.edu

602-496-0450

Religion and Conflict Certificate (LARELCERT)

Campus: Tempe

Description:

The certificate will be of particular interest for students pursuing careers in journalism, law, policy work, diplomacy, the military, public advocacy, publishing, education, ministry or other fields in which an enhanced understanding of religion and conflict is becoming increasingly vital.

Program Requirements:

Students complete a minimum of 18 credit hours of qualifying course work (at least 12 credit hours from ASU and at least 12 upper-division credit hours), consisting of regional, political and cultural components. To ensure that students are exposed to a wide variety of approaches to the study of religion and conflict, a transdisciplinary component requires that at least six of the 18 credit hours be fulfilled with courses from the humanities and at least three credit hours from the social sciences. In some cases, the same course can be used to fulfill several component requirements simultaneously.

Regional component (six credit hours):

Courses in this category provide students specific regional knowledge of how religion has been implicated in human conflict. Required course work in at least two different regions fosters a comparative understanding of the dynamics of religion and conflict in historical and global contexts.

Political component (three credit hours):

Courses in this category explore how religion influences or is influenced by matters of state, law, government or other dimensions of political life.

Cultural component (three credit hours):

Courses in this category provide students with an understanding of how religion operates as a powerful force that impacts and intersects with expressions of human identity, thought and culture.

Electives (six credit hours):

Any approved or qualifying course (either from the above categories or other approved classes) may be used as an elective to fulfill remaining requirements toward the total number of credit hours and to meet the transdisciplinary requirement.

Of the total 18 credit hours taken to fulfill the certificate, at least three must be from the social sciences (COM, JUS, POS, SGS, SOC or WST) and six from the humanities (ARB, HST, POR or REL).

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Religion and Conflict Course Offerings

A minimum grade of "C" (2.00 on a 4.00 scale) is required for a course to fulfill a certificate requirement. For a current list of approved courses, see the Center for the Study of Religion and Conflict website at <https://csrc.asu.edu/index.php?q=education/certificate-program> (<https://csrc.asu.edu/index.php?q=education/certificate-program>).

Enrollment Requirements:

Any student admitted to study at ASU may complete a certificate. To apply to the university, please complete the online application found on the Admission Services website. Students wishing to pursue the certificate must complete enrollment documents located in the student portal on the Center for the Study of Religion and Conflict website: <https://csrc.asu.edu/index.php?q=education/certificate-program> (<https://csrc.asu.edu/index.php?q=education/certificate-program>) before formally declaring the certificate with an academic advisor in the School of Historical, Philosophical and Religious Studies. For questions about the program, contact the certificate director in the Center for the Study of Religion and Conflict.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://csrc.asu.edu/index.php?q=education/certificate-program>
WHALL 130
csrc@asu.edu
480-965-7187

Risk Communication Certificate (ASRCMCERT)

Campus: West

Description:

The certificate 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 rising importance of the field of risk communication stems from the need to name, understand and manage physical and social risks as we are 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. The certificate will prepare students for a range of diverse careers in risk management, crisis communications and environmental public affairs. Specifically, students will 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, 12 of which must be upper division. Eight credit hours must be unique credit hours not already being counted toward the students' BA or BS degree requirements in communication or environmental science. To earn the certificate, a "C" or better must be earned in each upper-division course.

Required Certificate Courses:

BIO 130 Introduction to Environmental Science, SQ (4) or ENV 201 Fundamentals of Environmental Science (3) (for ENV or BIO majors)
COM 415 Risk Communication (3)
Elective Certificate Courses: (complete three courses)

COM 414 Crisis Communication (3)
COM 454 Rhetorical and Critical Approaches to Public Relations (3)
IAS 340 Bioethics, HU (3)
IAS 407 Environmental Philosophy and Policy, L or HU (3)
IAS 409 Eco-Community Ethics, HU (3)
LSC 362 Human Environment (3)

Depending upon 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 risk communication is open to all ASU undergraduate majors. 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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/college-degree-programs/minors-certs>
FAB S105
sbsadvising@asu.edu
602-543-6058

Russian and East European Studies Certificate (LAREECERT)

Campus: Tempe

Description:

The certificate in Russian and East European studies encourages students to develop special competency in Russian or East European languages and area studies. Course work leading to the certificate is offered in agr business, architecture, biology, economics, Eurasian languages (Armenian, Tajik, Tatar and Uzbek), geography, history, international business, music, political science, religious studies, Slavic and East European languages (Albanian, Bosnian/Croatian/Serbian, Macedonian, Polish, Romanian and Russian), sociology and women's studies. However, the certificate program is open to all students, regardless of major.

Certificate holders enhance their prospects for study abroad fellowships and graduate admissions and also qualify for unique entry-level government employment opportunities. Past certificate awardees have moved into positions of leadership in government, academia and the private sector.

Program Requirements:

The requirements for the Russian and East European studies certificate are 22 credit hours of Russian or another Eurasian or East European language and 30 credit hours in Russian, East European and Eurasian area-related course work, of which at least 24 credit hours are upper-division.

At least three disciplines must be represented in the area-related course work, and at least 12 credit hours must be outside the School of International Letters and Cultures (i.e., non-RUS, SLC and SLV courses). Fulfillment of these requirements is certified by the Melikian Center for Russian, Eurasian and East European Studies and is recognized on the transcript as a certificate in Russian and East European studies. The purpose of this undergraduate certificate program is to encourage students majoring in a chosen discipline to develop special competency in Russian, Eurasian or East European languages and area studies. 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 in the Melikian Center.

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to study at ASU may pursue a certificate program. In order to apply to study at ASU, complete the Office of Admission online application. Please contact the Melikian Center for more information <https://melikian.asu.edu/> (<https://melikian.asu.edu/>).

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://melikian.asu.edu/>
COOR 4448
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 essential marketing knowledge in a wide variety of marketing application domains. While students are required to enroll in two fundamental courses in marketing for three credit hours each (MKT 390 Essentials of Marketing and MKT 391 Essentials of Selling), students can then choose three other courses from a larger set (services marketing, business marketing, global marketing, sports business and advertising) to tailor their 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 to complete and is available to undergraduate nonbusiness majors or nondegree-seeking students at ASU. The entire certificate may be taken online.

Required:

MKT 390 Essentials of Marketing (3)
MKT 391 Essentials of Selling (3)

Choose any three of the following set:

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)

To receive the certificate, students must complete the specified business courses with a grade of "C" (2.00 on a scale of 4.00) or higher.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate application is accessed and submitted through Advising SOS: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>). Please contact the department for more information and see <https://my.wpcarey.asu.edu/undergrad/academics/sales-and-mkt-certificate.cfm> (<https://my.wpcarey.asu.edu/undergrad/academics/sales-and-mkt-certificate.cfm>).

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://my.wpcarey.asu.edu/undergrad/academics/sales-and-mkt-certificate.cfm>
BA 160
wpcareyug@asu.edu
480-965-4227

Secondary Education Certificate (TESEDCERT)

Campus: Polytechnic, Tempe, West

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 certification focuses on developing the requisite teaching knowledge and abilities to successfully teach middle or high school students. In order to integrate teacher preparation with the academic specialization, Teachers College collaborates and communicates with academic departments throughout the university. Clinical experience and student teaching are required components of this certificate. Students who complete this certificate program will be issued an institutional recommendation for certification in Arizona. Students desiring to teach in a public school must also pass the appropriate Arizona educator exams (either the National Evaluation Series or the Arizona Educator Proficiency Assessments) in both content area and professional knowledge 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 will be considered a nondegree graduate pathway.

Program Requirements:

The certificate requires a minimum of 30 hours.

Students must complete the identified courses and earn a minimum grade of a "C" (2.00 on a scale of 4.00) or higher to receive the certificate.

BLE 220 Foundations of Structured English Immersion (3)
RDG 323 Literacy Processes in Content Areas (3)
SED 322 Classroom Leadership in Secondary Schools, L (3)*
SPE 417 Inclusion Practices at the Secondary Level (3)
TEL 311 Instruction and Management in the Inclusive Classroom (3)
a methods course (see advisor for approved list based on content specialization) (3)

*literacy course

All students must complete the following clinical experiences:

SED 496 Clinical Experience III (1)

- Students are required to complete a minimum of one semester of field experience which includes one full day per week in a grade 6-12 classroom.

SED 478 Student Teaching in the Secondary School (11)

- A full-time 15-week student teaching experience is also required. Degree requirements for student's major must be completed prior to student teaching.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

- enrolled as a degree-seeking undergraduate or a nondegree-seeking graduate student
- have a 2.50 GPA
- have a valid Arizona DPS Identity Verified Print (IVP) fingerprint clearance card
- content knowledge in one of the following areas, demonstrated by having a minimum of 24 credits in course work 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, Spanish

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education/undergraduate-minors-and-certificates/secondary-education-certificate>

ED 120

educationadvising@asu.edu

480-965-5555

Security Studies Certificate (PPSCSCERT)

Campus: Downtown Phoenix

Description:

The 24 credit hour security studies certificate will provide students with the skills and credentials necessary to expand their employment opportunities in corporate and public security. Students will receive extended education in transdisciplinary topics such as accounting, computer studies, and advanced crime and law courses. Upon completion of this certificate, students will be well-equipped to have fluid conversations with professionals from different backgrounds.

Program Requirements:

The following courses are required: (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 from the following: (6 credit hours)

CRJ 410 Procedural Criminal Law (3)

CRJ 412 International Terrorism (3)

CRJ 413 Forensics (3)

CRJ 450 Crime Analysis (3)

CRJ 463 White Collar Crime (3)

CRJ 464 Organized Crime (3)

Select one 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 from the following: (3 credit hours)

CRJ 484 Internship (3)

LES 305 Business Law and Ethics for Managers (3)

LAW 480 Business, Law and Society (3)

A grade of "C" (2.00 on a 4.00 scale) or better is required for upper-division course work.

Depending upon a student's undergraduate program of study, 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.

Contact Information:

Public Service and Community Solutions, 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

Description:

Students learn how to launch their own business or work with small or startup operations. Courses 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:

The certificate requires 15 credit hours of courses, including the following six credit hours:

MGT 440 Entrepreneurship (3)
MGT 445 Business Model Development (3)

The remaining nine credit hours consist of three additional upper-division courses relevant to small business. A copy of the approved electives for business majors pursuing the certificate in small business and entrepreneurship can be found here:

https://my.wpcarey.asu.edu/undergrad/academics/upload/Certificate_Small-Business-Entrepreneurship-new.pdf
(https://my.wpcarey.asu.edu/undergrad/academics/upload/Certificate_Small-Business-Entrepreneurship-new.pdf). To receive the certificate, students must complete the specified business courses with a grade of "C" (2.00 on a 4.00 scale) or higher.

Depending upon a student's undergraduate program of study, additional courses may need to be completed as prerequisites in order to complete the requirements of this certificate.

Enrollment Requirements:

The certificate in small business and entrepreneurship is available only to business majors at ASU. Students majoring in Business Entrepreneurship or Management (Entrepreneurship) are not eligible to pursue this certificate. The certificate application is accessed and submitted through Advising SOS at: <https://wpcarey.asu.edu/SOS> (<https://wpcarey.asu.edu/SOS>). No more than six credit hours may be shared between the certificate and other degree programs.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://my.wpcarey.asu.edu/undergrad/academics/small-business-certificate.cfm>
BA 160
wpcareyug@asu.edu
480-965-4227

Social Transformation Certificate (LASOTCERT)

Campus: Tempe

Description:

Students enrolled in the certificate learn how diverse communities, locally and globally, have achieved social change and consider how to apply what they have learned in identifying just solutions to the social problems facing communities today. The areas of focus include, but are not limited to:

- civil rights movements
- democracy movements
- gender equality
- gender justice
- labor movements

Program Requirements:

Students pursuing the certificate must complete 15 credit hours of course work, of which at least 12 credit hours must be completed at the upper-division level. At least 12 credit hours must be completed at ASU. There is no language requirement. Courses for the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or better. There are two required courses, a foundational core course and an upper-division capstone internship or independent study. The remaining nine credit hours must be taken at the upper-division level and selected from an approved list of courses.

Required courses:

- SST 220 Introduction to Social Transformation (3)
- an upper-division capstone internship or independent study: SST 484 Internship (3) or SST 499 Individualized Instruction (3)

Certificate elective courses:

In addition to the two required courses, certificate students must take three upper-division courses, or nine credit hours, related to social transformation and transformational knowledge. These courses may be chosen from the following course list. Additional related courses can be applied to the certificate with advisor approval.

AFR 325/JUS 326 Music as Political Discourse: Reggae, Calypso and Hip Hop, HU, H, G (3)

AFR 355 Democracy and Civil Society in Africa (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/WST 471 Women's International Human Rights (3)

AIS 394 Topic: Innovation for American Indian Sustainability (3)

APA 350 Inequality and Diversity in Education, L, C (3)

APA/AFR 352 Race, Space and the Production of Inequality, SB, C (3)

COM 312 Communication, Conflict and Negotiation (3)

COM 341 Social Contexts for Performance (3)

ENG 333 American Ethnic 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)

HST 306 Studies in United States History, HU or SB, H (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 Mass Media, SB (3)

JUS 394 Topic: Black Political Movements (3)

JUS 394 Topic: Cyberpolitics (3)

JUS 394 Topic: Prison Social Movement (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 474 Legislation of Morality, L or SB, C (3)

JUS 497 Topic: Social Enterprise: Innovation and Justice (3)

MHL 494 Topic: Music and Movement in Urban Culture (3)

MHL 494 Topic: Urban Movement Practices (3)

NLM 410 Social Entrepreneurship (3)

REL 379 Religion, Nationalism and Ethnic Conflict, HU, G (3)

REL 482 Religion, Violence and Conflict Resolution (3)

REL 494 Topic: Inquiry into Religion and Conflict (3)

SOC 352 Social Change, SB, G, H (3)

TCL 340 Chicana/o and Latina/o Politics and Policy, L, C (3)

TCL 341 Policy Issues in Chicana/o and Latina/o Urban Settings, C (3)

THP 482 Theatre for Social Change, C (3)

URB 405 Citizen Engagement and Community Building (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)
WST 394 Topic: Women, Power and Leadership (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students admitted to study at Arizona State University are eligible to pursue the requirements of a certificate. In order to be admitted to the university, complete the Admission Services undergraduate online application. Please contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/social-transformation>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Socially Engaged Practice in Design and the Arts Certificate (HISEPCERT)

Campus: Tempe

Description:

Socially engaged practice centers around participation, reciprocal relationships and collaborations in which arts and design promote civic dialogue and investigate pressing issues of our time. This certificate program provides a theoretical framework, rigorous training and field experience in arts and design in civic and applied settings.

Program Requirements:

The certificate in socially engaged practice in design and the arts requires 18 credit hours; 12 hours of upper-division course work is required. All upper-division courses must be completed with a minimum grade of "C" (2.00).

Required Courses:

HDA 210 Creativity and Innovation in Design and the Arts (3)
HDA 310 Socially Engaged Practice (3)
HDA 410 Seminar in Socially Engaged Practice (3)

Electives (6)

one upper-division and one upper- or lower-division elective*

Fieldwork (3)

*Electives are to be selected from the master list of courses flagged as socially engaged practice shown on the Herberger Institute website, http://herbergerinstitute.asu.edu/institute/initiatives/socially_engaged_certificate/ugrad_courses.php.
(http://herbergerinstitute.asu.edu/institute/initiatives/socially_engaged_certificate/ugrad_courses.php)

Students will complete a fieldwork assignment through an internship (HDA 484 or a 484 course in a specific Herberger Institute arts or design discipline) or an individualized study (a 499 course in a Herberger Institute arts or design discipline) or other capstone course approved by petition through the Herberger Institute Office of Student Success.

Depending upon a student's undergraduate program of study, 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 is open to all undergraduate students admitted to ASU or nondegree undergraduate students wishing to complete the certificate only.

Students enrolled in the BA in the arts in the Herberger Institute must complete three additional hours of course work unique to the certificate program that does not also count toward their major (due to the overlapping requirements of HDA 210 and HDA 310).

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/institute/initiatives/socially_engaged_certificate/
CDS 101
herbergeradvising@asu.edu
480-965-4495

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 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 of qualifying course work from ASU. 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: (6 credit hours; select two courses)

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 (3) or CRJ 470 Discretionary Justice, L or SB (3)
JUS 465 Death Penalty in the United States, L (3)
JUS 479 Law and Disputing, L or SB (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: (9 credit hours)

To provide students an opportunity to focus on a particular area of socio-legal justice, students will select three electives. The courses must be taken from at least two academic units. For questions pertaining to any courses listed or additional course options, please speak with the certificate program director. Exceptions need to be approved in advance of enrollment.

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/JUS 304 Islands of Globalization: Caribbean Politics and Political Economy, SB, G, H (3)
AFR 420/JUS 421 Race, Ethnicity and Politics in African Diaspora, SB, G (3)
AFR/APA/JUS/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)
HON 310 Justice and Law (3)
HON 410 Philosophy, Politics and Law (3)
HST 306 Topic: US Race and the Law, HU or SB, H (3)
JUS 329 Domestic Violence, SB (3) or CRJ 461 Domestic Violence (3)
JUS 350 Immigration and Justice, SB, C (3)
JUS 374 The Holocaust, Genocide and Human Rights (3)
JUS/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 474 Legislation of Morality, L or SB, 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 The Sociology of 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)
WST 345 Gender, Religion and Global Violence, SB, G (3)
WST 375 Women and Social Change, SB, C (3)

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who have attained junior standing (56 credit hours) in any undergraduate degree program at ASU are eligible for admission to the certificate in socio-legal studies. There is no formal admission procedure, but students should contact the certificate in socio-legal studies program director or advisor as soon as they decide to pursue the certificate.

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/content/socio-legal-studies>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Southeast Asian Studies Certificate (LASALCERT)

Campus: Tempe

Description:

The certificate in Southeast Asian studies can supplement a bachelor's degree by demonstrating knowledge of a Southeast Asian language and Southeast Asian history, art, culture and society.

This certificate prepares students for admission to graduate programs in Southeast Asian area studies, or in an academic discipline with a focus on Southeast Asia, or for advanced programs in international law, journalism, business or other professional fields.

Recent graduates have gone on to enter medical school and MBA and doctoral programs. An earned certificate will appear on student transcripts as a Southeast Asian studies emphasis.

Program Requirements:

The certificate requires a simultaneous two-year sequence in a Southeast Asian language (Indonesian, Thai or Vietnamese) and 18 credit hours, of which a minimum of 12 credit hours must be upper-division, including the three courses listed below plus two electives (selected from an approved list available at the advising office) and a three credit capstone project.

Required Courses:

ASB 240 Introduction to Southeast Asia, HU or SB, G (3)*
ASB 325 Peoples of Southeast Asia, G (3)
HST 391 Modern Southeast Asia, SB, G, H (3)

Suggested electives include but are not limited to:

GCU 433 Geography of Southeast Asia (3)
HST 456 The Vietnam War, SB, G, H (3)
POS 358 Southeast Asia, SB, G (3)

REL 357 Theravada Buddhism In South and Southeast Asia, L or HU, G (3)

Capstone:

HST 496 South, Southeast and East Asia in the Global Matrix (3)**

*Also offered as GCU 240, HST 240, POS 240, REL 240 and SGS 240.

**The capstone is only offered in the spring semester.

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.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

A certificate in Southeast Asian studies is available to any undergraduate student. There are no specific admission requirements other than a student's desire to learn about Southeast Asia. Please contact the School of Historical, Philosophical and Religious Studies advising center for more information.

Contact Information:

Liberal Arts & Sciences, College of
Dean, College of Liberal Arts and Sciences
<https://car.clas.asu.edu/>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Spanish for the Professions Certificate (LSSPPRFCER)

Campus: Downtown Phoenix

Description:

The series of courses in this 18 credit hour certificate will help students hone Spanish communication skills and cultural knowledge so they may serve the needs of the U.S.-Latino community in professional settings (i.e., education, social work, health care, criminology, journalism). This certificate is open to ASU students and to the community at large. The combination of professionally focused courses and practical experience in this program will enhance 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:

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Prerequisite: SPA 314 Spanish Conversation and Composition, G (3) and SPA 316 Spanish Conversation and Composition for Bilinguals, L and C (3) or permission of instructor.

Required Courses: (12 credit hours)

SPA 317 Spanish for the Professions (3)
SPA 404 Spanish in U. S. Professional Communities, C (3)
SPA 405 Latino Cultural Perspectives for the Professions, C (3)
SPA 484 Internship (3)*

Elective Course Options: (6 credit hours)

SPA 300- or 400-level Spanish courses focused on the professions (e.g., health care, business, medical and legal interpretation, journalism, social work, education, legal and justice studies, sustainability, engineering and urban planning) (3)
SPA 403 Spanish Grammar and Stylistics for the Professions (3)

*Students should complete a minimum of 12 credit hours in the certificate and seek instructor approval before enrolling in SPA 484.

All courses for this certificate will require a minimum grade of "C" (2.00) or better to receive credit toward fulfilling certificate requirements.

Enrollment Requirements:

For additional admission and registration requirements, please visit the school's website.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Special Events Management Certificate (HSRTMUERT)

Campus: Downtown Phoenix

Description:

The special events management certificate is a career enhancement program offered to nondegree-seeking students or those who already have a degree from an accredited university in any major or to students currently pursuing a bachelor's degree in any major.

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 course work 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 486 Special Events Management (3) (must take this first, as prerequisite for the following required courses):

PRM 422 Entertainment, Protocol and Programming for Special Events (3)

PRM 423 Special Event On-Site Operations (3)

PRM 427 Revenue Generation for Special Events Management (3)

PRM 488 Event Marketing and Promotion (3) (iCourse, offered summers only)

Elective Courses: (3 credit hours; select one course)

CRD 301 Sustainable Communities (3)

NLM 220 Introduction to Nonprofit Organizations (3)

NLM 310 Volunteer Management (3)

PRM 470 Environmental Communication (3)

PRM 475 Entrepreneurial Recreation and Tourism (3)

PRM 487 Advanced Special Events Management (3)

TDM 205 Introduction to Travel and Tourism, G (3)

TDM 345 Meeting and Convention Planning (3)

TDM 350 Tourism, Recreation and Sports Marketing (3)

TDM 448 Heritage and Cultural Tourism (3)

Standards:

- 18 hours of graded classroom course work (no internship, no independent study)
- minimum of a "C" (2.00 on a 4.00 scale) grade required for all classes in the certificate
- minimum GPA of 2.00 for those pursuing the certificate
- should be a junior to take 400-level courses

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students wishing to pursue the special events management certificate should consult with an academic advisor in the School of Community Resources and Development. For additional information, please visit the official website.

Contact Information:

Public Service and Community Solutions, College of

School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 500
scrd@asu.edu
602-496-0550

Speech-Language Pathology Assistant Certificate (LASLPACERT)

Campus: Tempe

Description:

The speech-language pathology assistant certificate prepares students to work with individuals with communication disorders under the direction of a speech language pathologist. Students majoring in speech and hearing science or persons already holding a bachelor's degree in speech and hearing science receive additional course work and clinical training to be eligible for the speech-language pathology assistant licensure and for positions working under the direction of an speech-language pathologist in schools, clinics and rehabilitation agencies that provide speech and language services.

Program Requirements:

The speech-language pathology assistant certificate program includes 15 credit hours of course work and clinical internships completed in conjunction with the bachelor's degree in speech and hearing science. The student must take:

SHS 402 Clinical Methods and Treatment of Communication Disorders (3)
SHS 473 Implementation of Treatment Plans for Individuals with Communication Disorders (3)
SHS 483 Professional Issues and Ethical Considerations for the SLPA (3)
two internships of clinical practice (SHS 484) (6)

Twelve of the 15 credit hours for the speech-language pathology assistant certificate must be completed at ASU. A minimum grade of "B-" (scale is 4.00 = "A") is required for a course to count toward the certificate.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students who have completed 15 credit hours in speech and hearing science course work with at least a 2.75 GPA (on a 4.00 scale) in those courses are eligible to apply. Applications will also be 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 (on a 4.00 scale). Please contact the Department of Speech and Hearing Science for more information.

Contact Information:

Health Solutions, College of
Department of Speech and Hearing Science
<https://chs.asu.edu/shs/speech-language-pathology-assistant-certificate>
COOR 2211
shsinfo@asu.edu
480-965-2374

Sports Business Certificate (BASPBCERT)

Campus: Tempe

Description:

The certificate in sports business is an innovative curriculum designed for BS students 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 prepares students for success by complementing course work from a degree program with specialized business knowledge in the sports business area of interest.

Program Requirements:

The certificate in sports business is available to BS business majors in the W. P. Carey School of Business. The certificate requires 15 credit hours of classes.

Required:

MKT 311 Sports Business (3)

Choose at least two of the following four courses:

MKT 441 Sports Revenue Generation (3)

MKT 465 Projects in Sports Business (3)

MKT 484 Internship (3) or MKT 493 Honors Thesis: Sports, L (3)

MKT 494 Sports Analytics (3)

Choose no more than two of the following courses:

MKT 370 Professional Sales and Relationship Management (3)

MKT 410 Sales Management (3)

MKT 435 Entrepreneurial Marketing (3)

MKT 442 Services Marketing Strategy (3)

MKT 484 Internship (3) or MKT 493 Honors Thesis: Sports, L (3)

A "C" (2.00 on a 4.00 scale) or better is required in all upper-division course work.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to fulfill 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 ASU cumulative GPA and 56 earned 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.

The certificate application is accessed and submitted through Advising SOS: <https://apps.wpcarey.asu.edu/apps/advising/index.cfm> (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>).

Contact Information:

Business, W. P. Carey School of

Department of Marketing

<https://my.wpcarey.asu.edu/undergrad/academics/sports-business-certificate.cfm>

BA 460

wpcareymkt@asu.edu

480-965-3621

Symbolic, Cognitive and Linguistic Systems Certificate (LAPHICERT)

Campus: Tempe

Description:

The symbolic, cognitive and linguistic systems certificate program takes a transdisciplinary approach to the symbolic representation and processing of information in human cognition, in natural languages, and in formal mathematical, logical and computing systems. Course work covers three areas: human cognition and theories of mind; philosophy of language and linguistics; and computing and logic.

Program Requirements:

The certificate requires completion of 18 credit hours from the approved course list below, of which at least 12 hours must be upper-division. Six upper-division credits must be taken through 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. Within the 18 required hours, students must meet the following requirements

- completion of at least one CSE course from approved course list
- completion of at least one PHI course from approved course list, preferably PHI 319 Philosophy, Computing and Artificial Intelligence, CS (3), PHI 331 Philosophy of Language, HU (3) or PHI 333 Symbolic Logic (3)
- completion of at least one course from each area in approved course list

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:

ASB 480 Principles of Linguistics (3)
ASB 483 Sociolinguistics and the Ethnography of Communication, SB (3)
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)*
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)*
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)**

*Course has prerequisites which must be completed or in progress prior to enrollment. To determine prerequisites, please check the course description in class search.

**If not a philosophy major with 56 credit hours of completed course work, permission is required. Please meet with an academic advisor in the School of Historical, Philosophical and Religious Studies.

With the approval of the director of undergraduate studies, students may substitute one course not on approved course list. Please obtain approval prior to enrolling in any course not on the approved list.

Depending upon a student's undergraduate program of study, 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. Please contact the School of Historical, Philosophical and Religious Studies advising center for more information.

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/certificate/symbolic-systems>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

Teaching English to Speakers of Other Languages (TESOL) Certificate (LATESLCERT)

Campus: Tempe

Description:

The undergraduate certificate in teaching English to speakers of other languages consists of a coherent set of courses that are related to teaching English to speakers of other languages. This certificate is designed for students who are interested in teaching English as a foreign language. It would also be a good preparation for students who want to later pursue graduate studies in the Master's of Teaching English as a Second Language program at ASU or in a similar program at another institution. Note that this certificate does not certify students to teach in Arizona public schools (K-12).

Program Requirements:

To complete the certificate, students must complete 18 credit hours with a minimum grade of "C" (scale is 4.00 = "A"). Twelve of these credits will come from upper-division undergraduate classes and at least six of those credits must be from courses offered by the College of Liberal Arts and Sciences.

Required classes: (12)

ENG 213 Introduction to the Study of Language (3)*

one course in second language acquisition (SLA) theory (3)**

one course in teaching English as a second language (TESOL) methods (3)***

ENG 484 Internship (3)

Electives: (6)

one additional ENG 404 course (3) on a topic not used to satisfy required courses

one course from the following:

ENG 214 English Grammar and Usages (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)

or other courses approved by the advisor.

*ASB 480 Principles of Linguistics (3) or SLC 201 Introduction to Linguistics, HU or SB (3) may be substituted with approval of advisor.

**SLA theory courses are taught as topics in ENG 404 Studies in Second Language Acquisition. Theory topics include: The Role of Identity in SLA; Introduction to SLA Theories; Motivation and Emotion SLA/TESOL; and Identity in SLA. Other ENG 404 topics may be substituted with advisor approval.

***TESOL methods courses are taught as topics in ENG 404 Studies in Second Language Acquisition (3). Method topics include: Introduction to TESOL; Second Language Education; Second Language Teaching; and, Teaching English for Specific Purposes. Other ENG 404 topics may be substituted with advisor approval.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Any student admitted to ASU can elect to pursue the certificate program. For more information about the TESOL certificate, students should contact an advisor in the Department of English.

Contact Information:

Liberal Arts & Sciences, College of

Department of English

<https://english.clas.asu.edu/node/252>

LL 542

englishadvising@asu.edu

480-965-3168

Technical Communication Certificate (LSTECERT)

Campus: Polytechnic

Description:

Through the technical communication program, students learn how to produce, design and manage information using traditional and developing technologies.

Program Requirements:

The undergraduate certificate requires 18 hours.

Required courses: (9 credit hours)

TWC 301 Fundamentals of Writing for Digital Media, L (3)
TWC 401 Fundamentals of Technical Communication, L (3)
Choose one of the following courses:
TWC 411 Principles of Visual Communication, L (3)
TWC 421 Principles of Web Authoring, L (3)
TWC 431 Principles of Technical Editing (3)

Electives: (9 credit hours)
Choose three other 400-level TWC courses.

A "C" grade or better is required for all upper-division courses in the certificate.

Depending upon 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 is available to all admitted undergraduate students (regular or nondegree) at ASU. Once students have been admitted, they are eligible to enroll in courses to complete the certificate program. Applications are accepted throughout the year.

Please contact the college for more information.

For U.S. Department of Education Gainful Employment Program Disclosure information, see <https://catalog.asu.edu/files/disclosures/LSTECCERT/Gedt.html> (<https://catalog.asu.edu/files/disclosures/LSTECCERT/Gedt.html>).

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Technology Entrepreneurship Certificate (ESTNECERT)

Campus: Tempe

Description:

Engineers and scientists around the globe launch high-tech companies to move their ideas to the market. Studies show that the majority of innovative products and services in the economy evolve from entrepreneurial ventures. By providing knowledge and skills important to the creation and leadership of such startups, the certificate program in technology entrepreneurship aims to train the founders and leaders of tomorrow's high-tech ventures. The certificate program is designed specifically for engineers. Courses are approached from the perspective of the student whose primary interest is in technological innovation, whose primary concentration is engineering, and who has little or no prior business education.

Program Requirements:

This 15-credit-hour certificate program is limited to students in the Ira A. Fulton Schools of Engineering and is designed to help technically oriented students analyze, launch and operate an entrepreneurial venture. The certificate program in technology entrepreneurship requires that students complete five courses. Admission to the cohort portion of the certificate program can only occur after successful completion of the introduction course, FSE 301 Entrepreneurship for Engineers (prerequisite: junior standing in a bachelor's degree program in the Ira A. Fulton School of Engineering). Once admitted to the certificate program, students must also successfully complete the remaining certificate courses:

FSE 400 Creating and Launching a Technology Venture (3)
FSE 401 Intellectual Property for Technology Ventures (3)
FSE 402 Operating a Technology Venture (3)
FSE 403 Entrepreneurship Practicum (3)

Certificates require a grade of "C" or better in all upper-division courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

The qualifications for admission to the certificate in technology entrepreneurship program are having junior standing in a bachelor's degree program in the Ira A. Fulton Schools of Engineering and successful completion of the selection interview process.

The selection interview process consists of two parts: a letter of intent written by the student to the selection committee and a live interview with the selection committee, which consists of at least one faculty member, one entrepreneurship program advisory board member and one member of the regular engineering faculty.

Each selection interview is conducted according to a fixed format, with each certificate program candidate having the opportunity to respond to the same set of questions. Please contact the department for more information.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<http://engineering.asu.edu/>
BYENG 697BA
engineering@asu.edu
480-965-1726

Translation Certificate (LASPACERT)

Campus: Tempe

Description:

The translation certificate program, which focuses on Spanish and English, is designed to provide:

- advanced training required for professional translation in both public and private sectors
- preparation for the rigorous examinations required by national and international agencies
- training as an ancillary skill for professional fields, such as international business, public health, medicine and law, in accordance with guidelines recommended by the American Translators Association

Program Requirements:

The certificate program consists of 18 credit hours or prerequisite and required courses. Students are also required to complete a translation internship. No less than 12 credit hours can be upper division and a grade of "C" (2.00 on a 4.00 scale) or better is required in all courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Prerequisites: (6)

SLC 201 Introduction to Linguistics, HU or SB (3) or SPA 400 Introduction to Spanish Linguistics (3)*

SPA 412 Advanced Conversation and Composition, G (3)

Required: (3)

SLC 401 Translation Theory and Practice (3)

Also required are nine hours of applied translation course work in specialized areas chosen from the following courses:

SLC 481 Technical and Scientific Translation (3)

SLC 482 Business and Financial Translation (3)

SLC 483 Medical and Legal Translation (3)

Internship: (2)

SLC 484 Internship: Translation Certificate (2)

* Other similar courses may be used with the approval of the program coordinator.

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

Please contact an academic advisor in the school for more information.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad/minor-certs>
LL 440
silcadvising@asu.edu
480-965-6281

Wildlife Management Certificate (LSWLMCERT)

Campus: Polytechnic

Description:

The undergraduate wildlife management certificate program is for both traditional and nontraditional students at ASU interested in biology, conservation, sustainability and management of natural resources. The certificate provides students with professional credentials to qualify for many positions offered by the state (e.g. Arizona Game and Fish Department) and federal agencies (e.g., US Forest Service, US Geological Survey, US Bureau of Land Management). The certificate will provide students with application-based and hands-on experience in the field and allow them to engage with wildlife professionals. The certificate may give a hiring edge to those in the growing field of environmental careers for agencies and non-government organizations.

Program Requirements:

This certificate requires 23 credit hours. A "C" (2.00 on a 4.00 scale) or better is required in each course.

Required courses (14 credit hours)

ABS 274 Introduction to Wildlife Management (4)

ABS 376 Wildlife Ecology (3)

ABS 475 Habitat Management for Small Wildlife (4)

ABS 476 Big Game Habitat Management (3)

Elective certificate courses (9 credit hours; choose three courses)

ABS 377 International Wildlife Conservation (3)

ABS 380 Restoration and Wildlife Plants (3)

ABS 470 Life History of Mammals (3)

ABS 472 Applied Herpetology (3)

ABS 473 Applied Ornithology (3)

Depending upon a student's program of study, prerequisite courses may be needed in order to fulfill the requirements of this certificate.

Enrollment Requirements:

Students interested in pursuing the certificate should speak with an academic advisor in the College of Integrative Sciences and Arts via cisa@asu.edu.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
WANER 1
cisa@asu.edu
480-727-1526

Women and Gender Studies Certificate (ASWSTCERT)

Campus: West

Description:

The certificate program in women and gender studies, offered by the School of Humanities, Arts and Cultural Studies, examines the changing political, social, economic and cultural realities of racial and 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. This certificate will prepare 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.

Program Requirements:

The women and gender studies certificate consists of 18 credit hours of course work, of which 12 credit hours must be upper-division (300 or 400 level).

Core Requirements: (6 credit hours)

HRC 200 Introduction to Social and Cultural Analysis (3)

WST 100 Women, Gender and Society, SB, C (3)

Electives:

WST elective course work (12 credit hours, chosen in consultations with an academic advisor)

A "C" or better is required in all upper-division courses.

Depending upon 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 women and gender 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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/women-and-gender-studies-certificate>
FAB N201
harcsadvising@asu.edu
602-543-4444

Women and Gender Studies Certificate (LAWSTCERT)

Campus: Tempe

Description:

Women and gender studies, in the School of Social Transformation, provides students with an intensive, transdisciplinary liberal arts education that enables them to write well, think critically and analyze problems effectively. The certificate program is equivalent to a transdisciplinary minor.

Program Requirements:

The women and gender studies certificate consists of 18 credit hours, 12 of which must be upper-division.

Students take one of the following courses (3 credit hours):

WST 100 Women, Gender, and Society, SB, C (3)

WST 300 Women and Gender in Contemporary Society, SB, C (3)

Students also choose one from the following courses (3 credit hours):

WST 377 History of American Feminist Thought, H, C (3)

WST 378 Global Feminist Theory, L, G (3)

Twelve additional credit hours of women and gender studies electives are selected from any WST prefix course.

A grade of "C" (2.00 on a 4.00 scale) or higher is required in all courses.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students admitted to study at Arizona State University are eligible to pursue the requirements of a certificate. In order to be admitted to the university, complete the Office of Admission online application. Please contact the unit for additional information.

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/content/women-and-gender-studies-certificate>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Working with Military Families Certificate (LAWWMFCERT)

Campus: Tempe

Description:

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, trauma and deaths. Students interested in careers focusing on these families have a need to understand normative family processes, stress and coping, and military culture and leadership. The working with military families certificate program is offered by the ROTC and the T. Denny Sanford School of Social and Family Dynamics. Students enrolled in the program will take a unique combination of courses designed to focus on human development, marital and familial relationships, and military culture and family dynamics (offered by the Sanford School), as well as military leadership (offered by ROTC). Students who complete the certificate program are expected to pursue careers working to enhance the well-being of military personnel and their families as they face deployments, war, combat and stress.

Program Requirements:

The certificate requires 18 credit hours. A "C" (2.00 on a 4.00 scale) or better is required in all upper-division courses.

Required Courses: (12 credit hours)

FAS 101 Personal Growth in Human Relationships, SB (3)

FAS 331 Marriage and Family Relationships, SB (3)

FAS 410 Military Family Systems in a Democracy (3)

MIS 401 Advanced Military Science III (3)

Electives: (3 credit hours; students may choose one of the following)

CDE 232 Human Development, SB (3)

MIS 301 Advanced Military Science I, L (3)

Internship Requirement:

FAS 484 Internship (3)*

*Students will be required to complete a capstone internship project that includes a field work experience, a written integrative paper and an oral presentation.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

Enrollment Requirements:

Students in related majors can apply for the certificate through the T. Denny Sanford School of Social and Family Dynamics. Admission will be determined by the admissions committee. A student must have a minimum GPA of 3.00 (on a 4.00 scale) in order to be considered for admission to the certificate.

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu/>
COWDN 128
email@thesanfordschool.org
480-965-6978

Writing (Liberal Arts and Sciences) Certificate (LAENGCERT)

Campus: Tempe

Description:

The writing certificate program provides advanced writing instruction for students in any major. Students pursuing the writing certificate gain practical skills in effective communication and enhance their ability to create, structure and present information in a variety of professional settings.

Program Requirements:

The writing certificate program consists of 19 credit hours, at least 12 of which must be completed at the upper-division level. A minimum of six upper-division credit hours must be 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 are as follows:

ENG 216 Persuasive Writing on Public Issues, L (3) or ENG 301 Writing for the Professions, L (3)
ENG 372 Document Production, L (3)
ENG 412 Creative Nonfiction (3)
ENG 472 Rhetorical Studies, L (3)
ENG 484 Internship: Writing Certificate Internship (3)
ENG 498 Pro-Seminar: Writing Certificate Portfolio, L (1)

Also required is an additional writing course in English (three credit hours) or a writing or design course (three credit hours) selected from an approved list of courses. Please see an advisor for a list of approved course options.

All students are required to submit a portfolio before receiving the certificate.

Depending upon a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

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 hours of course work and must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"). Please contact the department for more information.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/254>
LL 542
englishadvising@asu.edu

Writing (New College) Certificate (ASWRTCERT)

Campus: West

Description:

The certificate in writing, offered by the School of Humanities, Arts and Cultural Studies, 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. Certification of advanced writing skills opens the way to a vast array of opportunities, from journalism and publishing to public advocacy, military and government careers, elementary and secondary education, business management, economic development, law, nonprofits and high-tech industry.

The certificate offers five track options (creative writing, generalist, nonfiction writing, professional and technical writing, publishing and editing) and students can tailor the certificate to their individual interests and career goals. The certificate includes intensive course work that culminates in an exit portfolio, a collection of work that demonstrates the writing skills mastered by each student.

Program Requirements:

The writing certificate consists of 19 credit hours, 13 of which must be upper-division (300 or 400 level). Students must complete the required track courses (18 credit hours) as well as the required writing portfolio (AMS 490 for one credit hour). Courses should be chosen in consultation with an academic advisor in the School of Humanities, Arts and Cultural Studies.

Students must complete a minimum of six upper-division credit hours offered by the School of Humanities, Arts and Cultural Studies. Students must complete 12 credit hours at ASU. A 3.00 GPA is required in all courses taken for the certificate.

Depending upon 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 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.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/writing-new-college-certificate>
FAB N201
harc sadvising@asu.edu
602-543-4444

Undergraduate Programs

Undergraduate Degrees (Program Descriptions)

Business, W. P. Carey School of

Accountancy, BS (BAACCBS)

Campus: Tempe, West

Program Description:

The School of Accountancy's undergraduate program offers two tracks during the senior year. The accounting track is followed by most students and is designed to provide a rich educational experience. The accounting master's internship is the track designed for our most highly qualified students who wish to commit to the MAcc program during the second semester of the junior year. The internship provides a particularly rich and individualized educational experience during the senior year. It includes a number of distinct advantages for students:

- a full-time paid internship for credit with a participating accountancy firm
- early consideration for scholarships
- may be eligible for GMAT waiver and graduate application fee waiver for the MAcc or MTax program*

*eligibility determined by GPA at the time of application

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Taxation (MTax)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second

major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

The major in accountancy includes the essential academic preparation for students who are:

- planning to pursue a graduate degree or attend law school
- pursuing professional careers in public, corporate and governmental accounting
- seeking positions in consulting or are planning to operate a business
- seeking positions in personal financial planning and portfolio analysis

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2010-2011) states, "Employment of accountants and auditors is expected to grow by 22 percent between 2008 and 2018, which is much faster than the average for all occupations. Job opportunities should be favorable; accountants and auditors who have a professional certification, especially CPAs, should have the best prospects."

Contact Information:

Business, W. P. Carey School of

School of Accountancy

<https://wpcarey.asu.edu/undergraduate-degrees/accounting>

BA 223Q

wpcareyacc@asu.edu

480-965-3631

Agribusiness (Global Agribusiness), BS (AGAGBGABS)

Campus: Polytechnic

Program Description:

The agr business industry is increasingly competitive, sophisticated and global, driving demand for innovative leaders who understand the industry's unique challenges and practices. The programs offered through the highly respected Morrison School of Agribusiness and Resource Management prepares graduates for success in graduate school or a wide range of careers.

The BS in agribusiness teaches students the business of agricultural production, finance, marketing and distribution. Through a technology-rich curriculum that focuses on real-world projects, students explore global agribusiness issues such as international trade, food safety and sustainability.

The concentration in global agribusiness is an applied, industry-oriented curriculum. This concentration is specifically designed to meet the needs of the students interested in studying the business aspects of agriculture in the domestic and global economy. Students learn to analyze and manage issues involved in food manufacturing, input and output supply activities, commodity trading and food distribution.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman and transfer students must submit either an SAT Reasoning test score or an ACT test score by the end of the first semester in the program (we do not require the writing portion of these tests). There is no minimum score requirement.

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Accounting for more than 50 percent of the global economy and employing 25 percent of Americans, agribusiness brings food from the farm to the global table. Possible career paths include:

- finance and technical positions with private agribusiness firms and governmental agencies
- management
- marketing
- veterinary medicine

Contact Information:

Business, W. P. Carey School of

Morrison School of Agribusiness

<https://wpcarey.asu.edu/undergraduate-degrees>

SANTN 230

wpcareyug@asu.edu

480-727-5183

Business, BA (BABUSBA)

Campus: Polytechnic, Tempe, West

Program Description:

The BA program in business provides an innovative, transdisciplinary approach to learning, which broadens career options upon graduation. Not only will students acquire a strong grounding in the principles of business, they will also immerse themselves in course work outside the business school, supplementing the business degree.

Students in this program will learn how to apply core business knowledge in one of the following disciplines:

- agribusiness (global agribusiness)
- Chinese language and culture
- communication
- food industry management
- global leadership
- global logistics management
- global politics
- human resources
- law

- public service and public policy
- retail management
- Spanish language and culture
- sports and media studies
- statistics
- sustainability
- technology
- tourism

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Career Opportunities:

Students in this bachelor's degree program will graduate from one of 17 concentrations in the W. P. Carey School of Business. See those concentrations for career opportunities.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Business Administration), BA (BABUSBABA)

Campus: Lake Havasu, Polytechnic, West, Online

Program Description:

The BA in business with a concentration in business administration provides a concentration focused on a breadth of knowledge and skills needed for managing business operations. The degree provides the full business core plus a concentration with 18 hours of course work 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.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the Exploratory Social and Behavioral Sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to the W. P. Carey School of Business will be contacted to select an appropriate major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-bachelor-arts-business-concentration-business>)

Career Opportunities:

The bachelor's degree in business with a concentration in business administration will prepare students to work in a wide range of industries through their broad skill set in managing processes and people. Below are several anticipated career opportunities for students completing the concentration in business administration.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcadmissions@asu.edu

480-965-4227

Business (Chinese Language and Culture), BA (BABUSCLBA)

Campus: Tempe

Program Description:

The mission of the concentration in Chinese language and culture within the BA degree program in business is to create global business professionals who can function culturally and linguistically in the business environment in China and domestically. As China becomes an increasingly important participant in the global economy and as the manufacturing and financial sectors become more globalized, the need for business professionals skilled in communicating in the Chinese language is growing. Through a network of 26 flagship programs at 22 institutions of higher education across the U.S., the language flagship graduates students who will take their place among the next generation of global professionals, commanding a superior level of proficiency in languages critical to U.S. national security and economic competitiveness. This program will prepare participants to function professionally in Chinese within diverse business fields.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Career Opportunities:

This degree program provides students with fundamental business skills, linguistic training, critical thinking and the intercultural competencies required to work in the increasingly globalized world markets that now rely on trade and commerce with China. Graduates of this program will be equipped to play a key role in companies and organizations seeking out new markets or dealing with international interests in the U.S. and will be suited to the demands of small business enterprises as well as multinational companies. Currently there are demands for Mandarin-speaking business professionals in the hotel and tourism industry and in the consulting, banking and finance, international trade, sports management and media fields.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcadmissions@asu.edu

480-965-4227

Business (Communication), BA (BABUSCBA)

Campus: Lake Havasu, Polytechnic, Tempe, West, Online

Program Description:

The BA in business with a concentration in communication is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and communication play an important role in ensuring success. Students in this program will complete rigorous courses within the communication concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors. Graduates will have specific knowledge of business practices and the capacity to effectively communicate complex business information.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-communication?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Business communication has exploded as a distinct professional field as companies require rapid and considered responses, from conveying ordinary information to crisis communications. Historically, these positions have been staffed with people trained in communication, English, journalism or other fields but who lack specific business knowledge. Graduates of this program will be qualified to enter these positions with knowledge that will be immediately useful to potential employers while advancing their careers.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Food Industry Management), BA (BABUSFIMBA)

Campus: Polytechnic, Online

Program Description:

The food industry management program is unique and has been developed in close coordination with partners in the food industry to help ensure graduates have the knowledge and skills needed to become immediate leaders in the industry. Students will combine core courses in other business disciplines (finance, marketing, management, accounting, supply chain management and economics) with upper-division courses specific to the food industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-food-industry-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The BA program in business with a concentration in food industry management prepares students for business careers in the food industry, which is defined as the group of firms and organizations involved with manufacturing, marketing and distributing food beyond the farm to retail stores, restaurants and institutions such as schools and hospitals. The industry is becoming increasingly competitive, sophisticated and global and shows a growing demand for professional management as one in six people are employed in the food industry nationwide, with 100,000 in Arizona.

Contact Information:

Business, W. P. Carey School of

Morrison School of Agribusiness

<https://wpcarey.asu.edu/undergraduate-degrees>

SANTN 230

wpcareyug@asu.edu

480-727-5183

Business (Global Agribusiness), BA (BABUSGAGBA)

Campus: Polytechnic

Program Description:

The agr business industry is increasingly competitive, sophisticated and global, driving demand for innovative leaders who understand the industry's unique challenges and practices. The concentration in global agr business teaches students the business of agricultural production, finance, marketing and distribution. Through a technology-rich curriculum that focuses on real-world projects, students explore global agr business issues such as international trade, food safety and sustainability. The concentration is an applied, industry-oriented curriculum. It is specifically designed to meet the needs of students interested in studying the business aspects of agriculture in the domestic and global economy. Students learn to analyze and manage issues involved in food manufacturing, input and output supply activities, commodity trading and food distribution.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Environmental and Resource Management (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Accounting for more than 50 percent of the global economy and employing 25 percent of Americans, agribusiness brings food from the farm to the global table. Possible career paths include:

- finance
- management
- marketing
- technical positions with private agribusiness firms and governmental agencies

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness

<https://wpcarey.asu.edu/undergraduate-degrees>

SANTN 230

wpcareyug@asu.edu

480-727-5183

Business (Global Leadership), BA (BABUSGBA)

Campus: Online

Program Description:

The BA program in business with a concentration in global leadership prepares students for careers in the global business environment by developing strong business skills through global studies courses from a variety of regions around the world. Students study international management and leadership and have the opportunity to select a track in Latin American studies or ones from other parts of the world. Students may also choose to participate in an international study experience in a variety of countries around the globe.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-leadership?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

A degree that incorporates solid business skills and global studies will help prepare students for employment in our global business world. Opportunities exist for qualified students to work either domestically or internationally in an international organization. This degree program

augments business and leadership skills necessary in most corporations.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcadmissions@asu.edu
480-965-4227

Business (Global Logistics Management), BA (BABUSGLBA)

Campus: West, Online

Program Description:

Logistics management focuses on integration and partnerships necessary to meet customer needs on a timely basis, with relevant and high-quality products produced and delivered in a service-effective manner. This program will train students to be strategic thinkers, excellent analysts, effective communicators and team leaders who are focused on efficiency, effectiveness and increasing revenue.

An efficient logistics management system is critical to the success of global corporations, making sure the supply of goods and services flowing through the system closely matches the demand. Logistics management professionals manage, coordinate and transport products from raw materials to the finished goods sitting on a local store shelf or offered by an online retailer. Efficient logistics is a key reason consumers can buy an ever-increasing variety of goods and services at remarkably low prices. Not surprisingly, logistics also plays a major role in the health care industry where efficient, effective delivery systems are gaining significant traction.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: Students must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-logistics-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Logistics management professionals hold a range of job titles and engage in a wide variety of activities in the private, nonprofit and governmental sectors. The current CEOs of Apple and Walmart previously held logistics-related positions at those organizations. This demonstrates the high value of leaders who understand the importance logistics adds to enterprise success.

Contact Information:

Business, W. P. Carey School of

Department of Supply Chain Management

<https://wpcarey.asu.edu/undergraduate-degrees>

FAB N101

wpcareyug@asu.edu

480-965-6044

Business (Global Politics), BA (BABUSGPBA)

Campus: Tempe

Program Description:

The BA program in business with a concentration in global politics incorporates solid business skills and global understanding in order to prepare students to realize and analyze the relationship between business and social science. Students in this program will complete the rigorous courses within the global politics concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Students completing the global politics concentration will think critically about global problems and integrate inquiry and action in order to become responsible leaders. These students will be prepared to successfully launch careers in many fields including:

- campaign and issue management
- information analysis
- public relations

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Human Resources), BA (BABUSHRBA)

Campus: Polytechnic

Program Description:

The W. P. Carey School of Business BA degree in business with a concentration in human resources incorporates solid business and human resource skills. The program involves both theoretical and applied concepts with a focus on practical and applied aspects of human resources. This degree is applicable to any business or governmental organization as all have a need to manage their personnel services.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The bachelor's degree program in business with a concentration in human resources has been designed to provide students with a comprehensive skill set that allows them to move into any business, industry or governmental organization and have the knowledge, skills and abilities to perform necessary human resource tasks. There is growing demand for human resources professionals to handle issues like corporate social responsibility and ethics, sustainability, workplace diversity and inclusion, and labor relations.

Contact Information:

Business, W. P. Carey School of

Department of Management and Entrepreneurship

<https://wpcarey.asu.edu/undergraduate-degrees/human-resources>

SANTN 230

wpcareyug@asu.edu

480-727-5183

Business (Law), BA (BABUSLBA)

Campus: Tempe

Program Description:

The BA in business with a concentration in law is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and law play an important role in ensuring success. Coupled with a strong business background, the law concentration will give students a systematic framework for analyzing real-world legal regulation and corresponding business risks and liabilities. Students in this program will complete rigorous courses within the law concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The law concentration is designed to expose students who will pursue careers in the business world to aspects of law and legal issues relevant to their career goals. Graduates of this program will be prepared to use their skills in a variety of industries ranging from new business ventures to corporate or agency compliance.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Public Service and Public Policy), BA (BABUSPBA)

Campus: Tempe

Program Description:

The BA program in business with a concentration in public service and public policy prepares students for work in public, nonprofit and private sectors, through comprehensive coverage of topics in public policy and public administration. Students will become familiar with leading a public organization and the process of policy development. Students will examine the public sector through multiple lenses and address its challenges in a practical way. Graduates are prepared for professional careers in public service.

The program also offers preparation for students who wish to pursue graduate degrees in:

- law
- nonprofit administration or other public service
- policy-oriented areas
- public administration
- public policy

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

There is an increase in job opportunities in the public sector for graduates due to retiring workers and an increasing demand for public services. The degree program prepares students for work in public, nonprofit and private sectors through comprehensive coverage of topics in public policy and public administration.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Retail Management), BA (BABUSRBA)

Campus: Online

Program Description:

The BA program in business with a concentration in retail management provides a business curriculum focused on the knowledge and skills needed for leadership roles in the retail industry. The program provides the full business core plus 18 hours of retail-specific course work. The degree has been developed in collaboration with faculty and industry professionals to provide a curriculum responsive to industry needs.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements.

Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-retail-management?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The bachelor's degree in business with a concentration in retail management will prepare students to work in the retail industry. Students will gain knowledge in all business core areas as well as specific knowledge in retail. Drawing on course work from four areas in the concentration, students will have broad preparation and leadership skills to assume positions of responsibility in the retail industry. Below are several anticipated career opportunities for students completing the bachelor's degree in business with a concentration in retail management.

- administrative services manager
- business manager
- food service managers
- general and operations management
- management analyst
- operations specialist
- purchasing or buying manager
- sales managers
- training and development managers
- wholesale and manufacturing representative

Contact Information:

Business, W. P. Carey School of

Department of Marketing

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Spanish Language and Culture), BA (BABUSSLBA)

Campus: Tempe, West

Program Description:

The BA in business with a concentration in Spanish language and culture is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and communication play an important role in ensuring success. The mission of the concentration in Spanish language and culture within the BA in business is to create global business professionals who can function culturally and linguistically in the business environment in both Latin America and the domestic market. Students in this program will complete rigorous courses within the Spanish language in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Career Opportunities:

Students who successfully complete this program will be equipped to play a key role in companies and organizations seeking new markets or dealing with international interests in the U.S. Graduates will be suited to the demands of small-business enterprises as well as multinational companies. Currently, there is a demand for Spanish-speaking business professionals in the hotel and tourism industry, consulting, banking and finance, international trade, sports management and media. Additionally, businesses of all types, especially locally, are actively recruiting bilingual applicants.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Sports and Media Studies), BA (BABUSMSBA)

Campus: Tempe

Program Description:

The W. P. Carey BA program in business with a concentration in sports and media studies is attractive to a number of students with an interest in the sports industry. This concentration has been planned to provide students the necessary skills to build knowledge and understanding of the development of the strategic business process in sports organizations and its relationship to media. The proliferation of mass communication (including television, game systems and social networks) has transformed sports into a highly commercialized industry and, in turn, sports continue

to generate revenues for these businesses. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields. The sports and media studies program will offer a strong focus on applied elements of the sports industry, especially as it relates to media and its impact on the industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

A degree that incorporates solid business skills and sports and media studies will attract a number of students to Arizona State University. Career opportunities for students could include jobs with titles such as:

- administrative service manager
- advertising and sponsorship salesperson
- agent
- business manager
- event planner
- management analyst
- operations specialist
- purchasing or buying manager
- wholesale and manufacturing representative

Students in this concentration will find opportunities in mass communication, including television, game systems and social networks. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields.

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees/business-sports-media>
BAC 460
wpcareyug@asu.edu
480-965-3621

Business (Statistics), BA (BABUSTABA)

Campus: West

Program Description:

The BA program in business with a concentration in statistics is designed for students interested in a degree that will help them develop solid business skills with an emphasis in mathematics and statistics. Students will be prepared to move into business or governmental positions using statistics to help make decisions and solve problems. The program involves theoretical and applied statistics with a focus on practical and applied aspects of statistics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Career Opportunities:

Students with a business degree with a concentration in statistics may move into business or governmental positions. Students will find positions such as:

- financial analysts
- market and survey researchers
- personal financial advisors
- statisticians

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>

FAB N101
wpcareyug@asu.edu
602-543-6200

Business (Sustainability), BA (BABUSSBA)

Campus: Tempe, West, Online

Program Description:

The BA in business with a concentration in sustainability is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and sustainability play important roles in ensuring success. Finding ways to grow and prosper while reducing the stress on the global environment is a critical issue facing today's society. Combining the latest trends in business with cutting-edge knowledge of sustainability prepares graduates to excel in career areas that will dramatically increase in demand. Students in this program will complete rigorous courses within the sustainability concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-sustainability?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Interest in sustainability issues is growing and most likely will be increasingly important to business in the next few years. People around the world are asking serious questions about how they can understand, evaluate and act on issues related to sustainability while making sensible business decisions for both the short and long run. Qualified individuals are needed, those who understand the societal, scientific and business aspects of the issues. Graduates from this degree program will fill these needs.

Contact Information:

Business, W. P. Carey School of
Dean, W.P. Carey School of Business
<https://wpcarey.asu.edu/undergraduate-degrees>
BA 160
wpcareyug@asu.edu
480-965-4227

Business (Technology), BA (BABUSTCBA)

Campus: Polytechnic

Program Description:

The BA in business with a concentration in technology is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and technology play an important role. The BA in business with a concentration in technology incorporates business knowledge as well as a strong skill set in technology. This program is designed to help students realize and analyze the relationship between business and technology. Graduates of this program will have a solid foundation in business for tech companies and the tech skills necessary to excel in any career or industry you can imagine.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Students completing a bachelor's degree in business with a concentration in technology will bring a solid background in business to technology companies and also the technological skills necessary to apply their skills in a variety of industries.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees/technology>

SANTN 230

wpcareyug@asu.edu

480-727-5183

Business (Tourism), BA (BABUSTBA)

Campus: Tempe, Online

Program Description:

The BA in business with a concentration in tourism is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and tourism play important roles in ensuring success. Developing tourism and recreation opportunities requires an understanding of effective marketing techniques and the ability to interact with many different types of businesses that support those efforts. A solid academic preparation in business helps prepare students for success in the tourism industry and affiliated professions. Students in this program will complete rigorous courses within the tourism concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-tourism>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Tourism management and development combines marketing and economic development with an emphasis on managerial understanding to promote smooth operations. The combination of skills acquired from exposure to both business and tourism courses will make graduates more marketable and productive in their careers.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business (Urban Policy), BA (BABUSUBA)

Campus: Tempe

Program Description:

The BA in business with a concentration in urban policy is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and urban policy play important roles in ensuring success. Economic development and urban planning are inextricably linked. The urban policy concentration prepares students to address many of the challenges of rapid urban growth. Students in this program will complete rigorous courses that focus on the complexity and range of issues affecting the quality of urban planning and development in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Historically, urban planners have had little business background; however, business success is a key ingredient in high-quality, dynamic urban policy. Graduates with a bachelor's degree in business with an urban policy concentration will be equipped to deal with the wide range of economic and business development issues.

Contact Information:

Business, W. P. Carey School of

Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Business Data Analytics, BS (BABDABS)

Campus: Tempe, Online

Program Description:

The BS program in business data analytics prepares business students with the requisite knowledge, skills and experience to create and manage big data initiatives as well as associated business processes to facilitate large-scale business data analytics in organizations. Students will learn organizational and technical competencies, to implement data gathering, cleansing, integration and modeling tasks as well as data asset analysis for business applications. Graduates will serve as architects, change agents and analytics tool suite operators for business and government. The program covers data warehousing, dimensional modeling, big-data analytics methods and visualization tools and techniques, and it introduces topics such as data mining and predictive analytics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in exploratory social and behavioral sciences in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-business-data-analytics>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
Arizona Western College (<http://transfer.asu.edu/az-western>)
Central Arizona College (<http://transfer.asu.edu/central-az>)
Coconino Community College (<http://transfer.asu.edu/coconino>)
Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

The demand for employees with business analytics skills is strong, with close to 89 percent of employers indicating that their needs for new recruits skilled in business data analytics will increase in the future (Occupational Information Network O*NET). Students can become data analysts, data architects, data visualization developers, data change agents and data operators.

Contact Information:

Business, W. P. Carey School of
Department of Information Systems
<https://wpcarey.asu.edu/undergraduate-degrees/computer-information-systems>
BA 301P
wpcareyis@asu.edu
480-965-3252

Business Entrepreneurship, BS (BABUENTBS)

Campus: Tempe

Program Description:

The BS program in business entrepreneurship prepares students to identify, evaluate and develop entrepreneurial opportunities in existing companies or through new ventures. Students earning the degree may choose to start a new venture, work for a startup or a small business or work as an innovator within an existing organization. The degree has an emphasis on collaboration, leadership, communication and team-building as well as development in refined analytical, managerial and leadership skills appropriate for people who want to change the world through innovation.

Students in the program will frequently collaborate with students from across the university, to give students a breadth of understanding in all business disciplines and a depth of understanding in opportunity recognition, feasibility, management of resources, and strategy. Students completing the program will understand the unique requirements of an entrepreneur and will learn how to operate effectively to identify market opportunities, innovative solutions and execution strategies.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Students may follow multiple self-directed paths such as starting a new venture or nonprofit organization, working for a new venture or a small business, or working as an innovative leader within an existing organization.

Contact Information:

Business, W. P. Carey School of

Department of Management and Entrepreneurship

<https://wpcarey.asu.edu/undergraduate-degrees/business-entrepreneurship>

BA 323

wpcareymgt@asu.edu

480-965-3431

Business Exploratory, (BABUSEXP)

Campus: Tempe

Program Description:

Virtually every profession and organization uses business in some way. Business exploratory students have an opportunity to explore a variety of areas in business prior to selecting one of our nine majors:

- accountancy

- business data analytics
- business entrepreneurship
- computer information systems
- economics
- finance
- management
- marketing
- supply chain management

Students have an opportunity to work with world-class faculty in an environment that values high-quality teaching. Our majors provide students with the skills and knowledge needed in today's companies --- whether they are starting their own businesses or working in large multinational corporations. Additionally, many graduates attend some of the other top-tier graduate schools in the country in a variety of disciplines.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

This major has higher admission standards. Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Career Opportunities:

Students in business exploratory will graduate from one of nine degree programs in the W. P. Carey School of Business. See those programs for career opportunities.

Contact Information:

Business, W. P. Carey School of

Prebusiness Office

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

Computer Information Systems, BS (BACISBS)

Campus: Tempe

Program Description:

Computer information systems are part of every business and organization. In this degree program, students learn about the exciting and innovative ways that information technology is used to help organizations succeed. Dedicated faculty members teach students how to design, build and maintain information systems that support business operations and managerial decision-making. In particular, students will learn about:

- business intelligence for competitive advantage
- business process for workflow redesign
- data management for decision-making
- distributed systems for collaboration and globalization
- enterprise integration for synergy
- project management

- solution development for value creation

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Currently there is a shortage of information systems professionals and many more jobs than graduates. With a degree in computer information systems, career choices are limitless. A computer information systems degree offers job opportunities in a variety of industries, including:

- education
- entertainment
- finance
- health care
- national defense
- transportation

Information systems are key components in the success of other functional business areas such as accounting, supply chain, finance and marketing. Entry-level information systems positions include:

- computer forensics analyst
- database administrator
- information systems consultant
- information technology security manager
- network administrator
- project manager
- software or systems developer
- systems administrator
- systems analyst

Long-term career aspirations for a student with a computer information systems degree include:

- chief executive officer
- chief information officer
- chief knowledge officer
- chief security officer
- chief technology officer

Contact Information:

Business, W. P. Carey School of
Department of Information Systems
<https://wpcarey.asu.edu/undergraduate-degrees/computer-information-systems>
BA 301P
wpcareyis@asu.edu
480-965-3252

Economics, BS (BAECNBS)

Campus: Tempe

Program Description:

The program requires a strong core of economic theory, supplemented by mathematics and data analysis. Students in this BS program choose from a variety of electives offered by the Department of Economics or electives offered by any other ASU department. All students are encouraged to develop programs of study tailored to individual needs and interests. The undergraduate program provides students with the critical-thinking and communication skills needed to succeed in business or graduate school. The department's mission is to provide the highest quality instruction to students, conduct cutting-edge research in economics and provide leadership and service to professional communities.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree with Engineering Management, BSE

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business

BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in exploratory social and behavioral sciences in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Concurrent degree admission requirements: Engineering Management, BSE and Economics, BS:

- minimum 1250 SAT combined math and verbal (650 minimum on SAT math) or minimum 29 ACT combined score (29 minimum on ACT math), and
- 3.00 minimum ABOR GPA

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

A major in economics provides students with the analytical and quantitative skills needed to prepare them for careers in business, government or public policy. The program of study can also be tailored to prepare students for graduate programs in economics, business or law. Students interested in pursuing a doctorate in economics are strongly encouraged to minor or major in mathematics as well.

Graduates have taken positions such as:

- consultants who serve as advisers to state and federal governments as well as private corporations
- corporate economists who collect data and make forecasts relevant to the firm's business
- employment in banking and financial services firms

Each year, many graduates pursue additional studies at other prestigious universities.

Contact Information:

Business, W. P. Carey School of

Department of Economics

<https://wpcarey.asu.edu/undergraduate-degrees/economics>

CPCOM 412

wpcareyecn@asu.edu

480-965-3531

Finance, BS (BAFINBS)

Campus: Tempe

Program Description:

The finance department has a rich tradition of educating leaders who excel in all aspects of the discipline of finance. Whether ascending to the top ranks of the venture capital industry, executing multimillion dollar real estate deals or becoming successful entrepreneurs with their own ideas and drive, our graduates are equipped to succeed.

In particular, our Investment Banking Industry Scholars program mentors students interested in going to Wall Street. Our student investment management fund provides undergraduates the opportunity to manage a real-world investment portfolio worth hundreds of thousands of dollars.

The faculty members are considered among the top in the world. Our professional advisory board, comprised of leading professionals from the financial services, manufacturing, energy, investment banking and real estate sectors, provides a sounding board for new ideas and is a resource of jobs for our top graduates.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Students majoring in finance are prepared for careers in:

- consulting
- corporate financial management
- depository institutions
- financial services
- investment banking
- investment management
- portfolio analysis

Contact Information:

Business, W. P. Carey School of
 Department of Finance
<https://wpcarey.asu.edu/undergraduate-degrees/finance>
 BAC 519
 wpcareyfin@asu.edu
 480-965-3131

Food Industry Management, BS (BAFIMBS)

Campus: Polytechnic

Program Description:

This food industry management program is unique and has been developed in close coordination with partners in the food industry to help ensure graduates have the knowledge and skills needed to become immediate leaders in the industry. Students will combine core courses in business disciplines (finance, marketing, management, accounting, supply chain management and economics) with courses specific to the food industry.

Students will select from courses in:

- environmental management and sustainability
- food industry sales and management
- food marketing strategy
- food retailing
- food supply networks
- futures and options markets
- innovation and food product development
- insurance
- pricing and promotion strategy in food markets
- retail information analysis
- risk management

Each of these courses addresses a different issue in which fundamental concepts, theoretical approaches, analytical methods and industry practice are unique to the food industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman and transfer students must submit either an SAT Reasoning test score or an ACT test score by the end of the first semester in the program (we do not require the writing portion of these tests). There is no minimum score requirement.

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to the College of Letters and Sciences will be contacted to select an appropriate major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The BS in food industry management prepares students for business careers in the food industry, which is defined as the group of firms and organizations involved with manufacturing, marketing and distributing food beyond the farm to retail stores, restaurants and institutions such as schools and hospitals. Employing one in six people nationwide, there is a growing demand for professional management in an industry that is becoming increasingly competitive, sophisticated and global.

Potential careers for graduates include, but are not limited to:

- brand manager for a food manufacturing firm
- commodities trader for an investment bank or hedge fund
- district manager for a food retailer
- loan officer for a bank with a food-industry portfolio

Contact Information:

Business, W. P. Carey School of
Morrison School of Agribusiness
<https://wpcarey.asu.edu/undergraduate-degrees>
SANTN 230
wpcareyug@asu.edu
480-727-5183

Management, BS (BAMGTBS)

Campus: Polytechnic, Tempe, West, Online

Program Description:

The BS program in management prepares students to become effective managers and team leaders by providing theoretical and conceptual knowledge and building critical skills such as:

- analytical research and problem-solving
- communication
- critical thinking
- global applications
- leadership
- personal ethics and integrity
- teamwork

The curriculum includes the fundamentals of the global economy, the world of e-business, ethics, human resource and strategic management, and collaborative team skills. Throughout the program, theories and concepts of management and ethical leadership are enhanced by experiencing and testing these concepts in skill-based exercises, case discussions and real-world team-based project work.

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 210 - Brief Calculus**Program Math Intensity:** Moderate**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-management>)**Transfer Agreements:** ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)Arizona Western College (<http://transfer.asu.edu/az-western>)Central Arizona College (<http://transfer.asu.edu/central-az>)Coconino Community College (<http://transfer.asu.edu/coconino>)Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)Pima Community College (<http://transfer.asu.edu/pima>)Yavapai College (<http://transfer.asu.edu/yavapai>)Mohave Community College (<http://transfer.asu.edu/mohave>)**Career Opportunities:**

The management major prepares graduates for managerial leadership in a world characterized by:

- corporate accountability
- cross-functional management
- demands for continuous process improvements to enhance the value chain
- ethical decision making
- growing technological sophistication
- racial, cultural and gender diversity in the workforce
- the fast pace of e-business
- the need for skills in communicating and working with people, directing projects and managing change

Graduates with skills in these areas are likely to be recruited by:

- for-profit and nonprofit organizations
- high-tech firms
- large and small organizations
- management consulting firms
- service and manufacturing firms

The ONET salaries below reflect median salaries, not starting salaries.

Contact Information:

Business, W. P. Carey School of
Department of Management and Entrepreneurship
<https://wpcarey.asu.edu/undergraduate-degrees/management>
BA 323
wpcareymgt@asu.edu
480-965-3431

Marketing, BS (BAMKTBS)

Campus: Tempe, Online

Program Description:

Students majoring in marketing gain an understanding of the science behind consumer behavior and the critical role that marketing plays in all organizations. In addition, they develop marketing skills that provide a competitive advantage in their careers. The nationally ranked and award-winning marketing faculty share a passion for teaching and mentoring undergraduate students. Faculty members provide many productive ways for students to get involved in the life of our department and work with business partners. The department is home to the Center for Services Leadership, the premier international center for the study of the science of services, and offers distinctive course work in professional sales, relationship management and sports business.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-marketing>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

- Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
- Arizona Western College (<http://transfer.asu.edu/az-western>)
- Central Arizona College (<http://transfer.asu.edu/central-az>)
- Coconino Community College (<http://transfer.asu.edu/coconino>)
- Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
- Pima Community College (<http://transfer.asu.edu/pima>)
- Yavapai College (<http://transfer.asu.edu/yavapai>)
- Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Through the proper selection of course work and other educational experiences, a marketing student may prepare for a variety of careers in areas such as:

- business development
- business-to-business marketing
- customer relationship management
- international marketing
- market research and information management
- marketing communications
- professional sales and relationship management
- retail management
- sales management
- services marketing

The degree program provides fundamentals, flexibility and specialization opportunities.

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees/marketing>
BAC 460
wpcareymkt@asu.edu
480-965-3621

Marketing (Digital and Integrated Marketing Communications), BS (BAMKDIMCBS)

Campus: Tempe

Program Description:

Designed specifically for the marketing major, this concentration builds on the knowledge provided in the major and prepares marketing students with specialized knowledge and training in the areas of advertising, brand management and digital marketing. The purpose of this concentration is to equip marketing students with cutting-edge knowledge in the marketing communications area so they are well-prepared to assume jobs in the areas of advertising, brand management and digital marketing. This concentration will enhance the marketing degree by providing specialized expertise to our graduates in an area that is growing in importance in the marketplace.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet Freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

While the number and quality of job opportunities in advertising and brand management is relatively small, the number of entry-level positions in digital marketing has exploded. A sampling of career opportunities include:

- digital account manager
- digital marketing analyst
- digital marketing coordinator
- digital marketing specialist
- electronic marketing specialist

Contact Information:

Business, W. P. Carey School of

Department of Marketing

<https://wpcarey.asu.edu/undergraduate-degrees>

BAC 460

wpcareymkt@asu.edu

480-965-3621

Marketing (Professional Sales), BS (BAMKTPSBS)

Campus: Tempe

Program Description:

The BS program in marketing with a concentration in professional sales was designed for undergraduate marketing students who are interested in pursuing the many opportunities in professional sales. The curriculum includes courses in professional sales as well as sales management and consumer behavior. This program prepares students to be successful account managers or sales team leaders in both business-to-business and business-to-consumer settings. An internship in sales, as a component of the professional sales concentration, is required.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The number of employers interested in hiring professionals for sales roles far exceeds the number of students who are interested in pursuing career

opportunities in sales. This concentration will prepare students for careers in account management across a variety of industries in the business-to-business and consumer products domains.

Contact Information:

Business, W. P. Carey School of
Department of Marketing
<https://wpcarey.asu.edu/undergraduate-degrees>
BAC 460
wpcareymkt@asu.edu
480-965-3621

Supply Chain Management, BS (BASCMBMS)

Campus: Tempe

Program Description:

Supply chain managers coordinate the purchase of raw materials, the manufacturing and the transportation of materials across multiple vendors and multiple countries to provide the services and finished goods sitting on a local store shelf or available through an online retailer. It is a key reason that people can buy an ever-increasing variety of goods and services at remarkably low prices.

The supply chain management program provides W. P. Carey School of Business students with an in-depth knowledge of integrated supply chain management. The curriculum focuses on:

- execution systems
- logistics
- negotiations
- operations
- planning
- procurement
- strategy development

Classes are small and use projects and case studies to bring the material to life.

This program is consistently ranked as one of the top supply chain programs in the world, providing students an opportunity to be recruited by many leading international companies in many different industries.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree with Sustainability, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshmen admission requirements: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR graduated in the top eight percent of high school class, OR an overall high school GPA of 3.60 in ASU competency courses (scale is 4.00 = "A").

Freshmen should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet freshman admission requirements by way of high school GPA, test score or class rank and must have a 3.00 transfer GPA (if applicable) and a 3.00 cumulative ASU GPA.

Transfer admission requirements (30 or more semester hours of credit after high school): 3.00 transfer GPA and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top eight percent of their high school class.

Transfer students should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social and behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice will be prompted in My ASU to select a new major.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Career track progression can lead to the vice president level in supply chain-related areas. Firms recruit ASU supply chain management graduates from around the world and in all sectors of the economy, including:

- health care
- manufacturing
- public and private
- retail
- service

Students from our program are highly sought after, and we have excellent placements. The following are some positions that our graduates have obtained:

- buyer or planner
- commodity manager
- distribution manager
- Internet marketing analyst
- inventory specialist
- logistics planner
- materials manager
- operations planner or analyst
- planner or analyst
- product forecaster
- production coordinator
- production line manager
- production scheduler
- quality control specialist
- supply management analyst

Contact Information:

Business, W. P. Carey School of

Department of Supply Chain Management

<https://wpcarey.asu.edu/undergraduate-degrees/supply-chain-management>

BA 446

wpcareyscm@asu.edu

480-965-6044

Design & the Arts, Herberger Institute for

Architectural Studies, BSD (ARSTDBSD)

Campus: Tempe

Program Description:

Architects design buildings and environments that are useful, sustainable and aesthetically pleasing. This implies an understanding of people's needs, the science and technology of building, and the concepts of aesthetics. The faculty in The Design School offer a BSD in architectural studies. In addition to developing knowledge and skills in architectural design, building technology, landscape architecture and professional practice, students are encouraged to select electives from a broad range of approved courses within the institute and across the university. These electives may be selected to devise a minor, to further professional study or to enrich the student's academic experience in some other fashion.

All students who are admitted to the major must pass a degree milestone to continue in the major at the end of the first year. For more information on the milestone process, visit: <http://herbergerinstitute.asu.edu/degrees/milestone.php> (<http://herbergerinstitute.asu.edu/degrees/milestone.php>).

This is an eight-semester program requiring sequential completion of studio course work (or approved equivalent) at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates of the bachelor's program who wish to become licensed can complete their professional studies by attending graduate school and earning the accredited professional master's. In Arizona, other graduates work for registered architects for several years before taking their licensing examination. Some begin their careers working in small offices of 10 to 20 people; others work in very large firms, industries, corporations or governmental agencies.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<http://design.asu.edu/degrees/>

CDN 162

herbergeradvising@asu.edu

480-965-3536

Art (Art Education), BFA (FAARTEBFA)

Campus: Tempe

Program Description:

The BFA in art with a concentration in art education involves:

- art learning strategies and processes
- facilitation of the teaching of art
- policymaking in art
- the study of art

The program focuses on public and private K-12 instruction, art in higher education and educational programs in art museums. Students investigate issues in art teaching and learning from multiple perspectives, including:

- art inquiry
- context
- development
- studio
- visual culture

In addition to their art education course work, students are required to take course work in the various studio programs offered in the School of Art.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates who also complete the state certification requirements for an art specialist certificate can teach in public and private elementary schools, middle schools and high schools. Graduates who do not seek state certification may find opportunities for jobs with art museums and recreational or community service groups that offer art instruction.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/arted/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Art History), BA (FAARTHBA)

Campus: Tempe, Online

Program Description:

The BA in art history is a comprehensive degree program designed to train students to engage with visuality in multiple ways. It offers a diverse curriculum intended to foster critical understanding of the aesthetics, production, patronage and consumption of art. Internationally recognized faculty offer classes across many cultures and time periods, geographies and multiple approaches and methodologies.

Additional Program Fee: Y**Second Language Requirement:** Y

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen students applying to the Herberger Institute School of Art enter ASU as art exploratory majors in the School of Art. There is no portfolio review process at the time of admission to ASU for freshmen.

Typically students in their second year interested in studio art and art education will submit a portfolio for review once they have completed their core requirements and are completing the last of the 12 hours of 200-level art requirements or if they are interested in art history or museum studies, they will submit a declaration form in the semester in which they complete 30 hours.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-art-history?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates in art history at the bachelor's degree level find employment opportunities in commercial art galleries, entry-level jobs with art publications and in museums. A graduate degree is essential for professional jobs; a master's degree prepares individuals to teach at the community college level or to gain entry into museums, auction houses and publishing companies. The PhD is a necessity for employment as a

university or college teacher and for responsible administrative posts in the museum and publishing world.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/arhistory/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Art Studies), BA (FAARTSTDBA)

Campus: Tempe

Program Description:

The art studies curriculum offers students a broad educational foundation in the arts and general studies. The BA program in art with a concentration in art studies is a transdisciplinary program featuring course work in art history, studio art, performing arts and a range of arts-related courses throughout the university. This concentration offers students a great deal of flexibility in planning course work. The scope of offerings in art and elsewhere on campus is unparalleled at smaller institutions. An art studies student can assemble an art-related curriculum focused on individual student needs, in consultation with a faculty advisor.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen may apply directly to the art studies program; there is no portfolio review for this major.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates work in arts-related fields such as:

- arts administration
- galleries
- service-related art fields

Career opportunities are also available with employers who seek graduates with a well-rounded humanities education.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/artstudies/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Ceramics), BFA (FAARTCBFA)

Campus: Tempe

Program Description:

The BFA ceramics program provides a stimulating and challenging environment for artistic and intellectual growth. With the realization that discipline, familiarity with historical precedents and freedom go hand in hand with creative activities, the area strikes a balance between the acquisition of traditional skills and the promotion of independence and innovation. Responsibility is placed on the individual student to find personally meaningful content and an effective means to express that content within the ceramic arts. The ceramics program features a complete and varied line of kilns, wheels and other equipment. World-renowned faculty ensure that graduates of the program learn the techniques and concepts that will enable their work to take any direction they wish. A strong guest artist schedule enhances the program and the Ceramics Research Center at the ASU Art Museum, with its collection of more than 3,000 pieces, provides unparalleled opportunities to study and research ceramics.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates of the undergraduate and graduate programs work as artists in the field, selling their works through commercial galleries, commissions and to private collectors. Some artists work as designers and consultants to the commercial ceramic industry; others set up their own businesses, producing handcrafted functional ware, architectural tiles and one-of-a-kind works.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/ceramics/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Drawing), BFA (FAARTDBFA)

Campus: Tempe

Program Description:

The BFA drawing program offers a learning environment for creative, intellectual and technical growth that leads to quality art practice and professionalism. The program encourages a wide spectrum of approaches to contemporary drawing as visual expression, ranging from traditional to innovative. Students work under the guidance of a large, full-time faculty of active professionals who are nationally and internationally recognized. Visiting artists of national stature enhance the program with lectures and individual undergraduate critiques.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 142 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates complete the program with drawing skills that enable them to apply for positions that require knowledge in drawing or two-dimensional conceptual skills. Further education, either formal or informal, is usually necessary to refine their skills in a very competitive marketplace. Many graduates continue their education in an MFA graduate program, which allows them to develop their talent further and to teach. Some take jobs in related fields, such as galleries and museums, allowing them to continue producing their own creative work.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/drawpaint/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Fibers), BFA (FAARTFBFA)

Campus: Tempe

Program Description:

The BFA fibers program cultivates an environment that stimulates creative and intellectual growth. Students are encouraged to discover their distinctive expression informed by knowledge and skills related to surface design, woven structures and 3D structures. Course work covers processes from basic carding, spinning, dyeing and felting to the use of the loom. Throughout, students are challenged to utilize and interpret textile traditions while considering innovative and transdisciplinary approaches to contemporary art.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been

admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to establish their own studios and begin making art or design fabrics for use as interior fabrics or as one-of-a-kind garments. Students are also prepared to begin a graduate program. Some undergraduates have gone to New York City to work in the field of designing textiles. Others prefer to focus on their own art for exhibition. Graduates also set up their own studios and design fabrics that are wearable or for interior use, while others make their living by doing commissioned work for interior spaces.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/fibers/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Intermedia), BFA (FAARTIBFA)

Campus: Tempe

Program Description:

The BFA intermedia program is conceptually driven, with a transdisciplinary approach to art-making. Students work with experimental studio practices, performance and digital media to explore new avenues for self-expression, collaborative practice and community action. The program covers a wide range of conceptual and media orientations reflecting the professional practices of a growing team of faculty members. Currently, emphasis in performance, installation, mixed media, digital video, digital sculpture, animation and Web art are offered. Interaction and collaboration across other areas in the School of Art, including sculpture and photography, are encouraged and supported.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Career opportunities depend on the emphasis selected. Possibilities include:

- computer graphics and animation
- independent artist
- media consultant
- museum or gallery installation
- positions in the music or entertainment industry
- set designer
- teacher
- videography

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/intermedia/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Metals), BFA (FAARTMBFA)

Campus: Tempe

Program Description:

The BFA metals program offers a wide range of traditional and nontraditional approaches to:

- attention to detail
- creativity
- critical thinking
- emphasizing craft skills
- metalworking

A well-equipped studio with a wide variety of metal-smithing tools is offered. Students explore the close relationship with the School of Art's sculpture and foundry programs, learn important entrepreneurial skills, and receive a strong foundation in technical vocabulary and methods for working with metal while being encouraged to experiment with alternative materials and techniques.

Students have the opportunity to gain knowledge and skills through additional educational opportunities that include:

- conferences and symposia
- internship possibilities
- lectures
- visiting artists
- visits to artist studios, museums and exhibitions
- workshops

ASU is located in proximity to numerous galleries and museums as well as local organizations such as:

- The Arizona Artist-Blacksmith Association
- The Arizona Designer Craftsmen
- Metalink

All students who are admitted to the major must pass a portfolio review to continue in the major after successful completion of the art foundational course work. For more information on the portfolio review process, visit: <http://art.asu.edu/admissions/undergrad/applying/> (<http://art.asu.edu/admissions/undergrad/applying/>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Typically, students in their second year who are interested in studio art and art education will submit a portfolio for review after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates find opportunities in jewelry firms or work in independent production as one-of-a-kind jewelers in their own businesses. Many students further their opportunities by going on to complete the MFA.

Contact Information:

Design & the Arts, Herberger Institute for

School of Art
http://art.asu.edu/
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Museum Studies), BA (FAARTMSBA)

Campus: Tempe

Program Description:

Museum studies students explore:

- art galleries
- art history
- art museums
- public art programs
- visual arts organizations

The BA program in art with a concentration in museum studies undergraduate program at ASU is one of the most rigorous in the U.S. The program ensures that students are knowledgeable in:

- art history
- critical writing skills
- foreign languages
- museums, galleries and visual arts organizations

The curriculum includes art history courses taught by faculty with diverse specialties. Museum professionals and arts administrators teach specialized classes in their areas of expertise. Internships enable students to work directly with working arts professionals in their field of interest.

Students must take courses in:

- art history
- galleries and museums
- research
- small business

Course work may also include classes in nonprofit management and arts policy.

Students must also demonstrate an ability to read at least one foreign language.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics OR MAT 142 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen students applying to the Herberger Institute School of Art enter ASU as art exploratory majors in the School of Art. There is no portfolio review process at the time of admission to ASU for freshmen.

Typically students in their second year interested in studio art and art education will submit a portfolio for review once they have completed their core requirements and are completing the last of the 12 hours of 200-level art requirements or if they are interested in art history or museum studies, they will submit a declaration form in the semester in which they complete 30 hours.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Museum studies graduates find employment in art galleries, art-based organizations and entry-level positions with art publications and museums. A graduate degree is necessary for professional positions. An MA prepares individuals to teach at community colleges and to gain entry into museums, auction houses and publishing companies. The PhD is necessary for employment as a faculty member at a university or for administrative posts in museums and higher education.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/museumstudies/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Painting), BFA (FAARTPABFA)

Campus: Tempe

Program Description:

The BFA program in painting offers a learning environment for creative, intellectual and technical growth that leads to quality art practice and professionalism. The program encourages a wide spectrum of approaches to contemporary painting as visual expression, ranging from traditional to innovative. Students work under the guidance of a large, full-time faculty of active professionals who are nationally and internationally recognized. Visiting artists of national stature enhance the program with lectures and individual undergraduate critiques.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of

the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates complete the program with the painting skills that enable them to apply for positions that require knowledge in painting or two-dimensional conceptual skills. Further education, either formal or informal, is usually necessary to refine their skills in a very competitive marketplace. Many graduates continue their education in an MFA graduate program, which allows them to develop their talent further and to teach. Some take jobs in related fields, such as galleries and museums, allowing them to continue their own creative work.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/drawpaint/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Photography), BFA (FAARTPHBFA)

Campus: Tempe

Program Description:

Students in the BFA program in photography are offered a solid education in the creation and analysis of photographs as a form of creative expression. Students work in a wide range of photographic media including specialized nineteenth century processes, traditional black and white and state-of-the-art digital output. The internationally recognized photography faculty at ASU is diverse, representing and encouraging a wide range of approaches to the creation of photo-based art. Students learn to be self-disciplined, self-directed, to understand complex ideas around how images function in their work and to develop a strong sense and control of the craft of photography. The Northlight Gallery engages students and provides opportunity to learn about gallery and museum practice through mounting exhibitions, working with artists and the collection.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

A degree in the arts offers students a pathway to a rich and varied choice of careers. Students with a photography degree may work as independent studio photographers or contract for commercial work for firms, museums, galleries, individuals and other artists. The bachelor's degree program is essential for advanced study leading to the terminal MFA. This advanced degree offers opportunities in:

- curatorial work in galleries, museums and historical collections
- history or studio areas
- nonprofit arts organization management
- university teaching

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/photography/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Printmaking), BFA (FAARTPMBFA)

Campus: Tempe

Program Description:

The BFA program in printmaking provides a complete studio experience with regular courses in:

- book arts
- digital processes
- intaglio
- lithography
- papermaking
- photogravure
- relief
- screenprint
- other graphic applications

Four full-time accomplished faculty teach in spacious, well-equipped studios, offering a complete range of print media. While individual students are encouraged to pursue a personal direction, the faculty encourage students to become well-rounded printmakers by experiencing and understanding many media, processes and approaches. No style, technique or aesthetic approach is stressed over another, so that the individual quality of each student's work is the essential measure of achievement. Collaboration, experimentation and transdisciplinary approaches to making art are encouraged, and students often work with other areas in the School of Art, such as photography, intermedia, painting and drawing, and sculpture.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Trained printmakers are working artists, practicing the expression of a personal understanding of their place in the world. They may find employment as artists or printmakers in schools of all levels teaching the execution and appreciation of visual art. They also work in fine art print studios, executing original prints for other artists. Printmaking skills such as screenprinting or photomechanical and digital techniques, acquired for the production of art, also have commercial, nonart applications that may afford skilled employment. Artists with printmaking skills may also work with graphic designs, illustrations and signage or may work in museums, conservation, publishing, galleries and in other art-related activities. Additionally, their art may sell successfully in the open marketplace.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/printmaking/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Art (Sculpture), BFA (FAARTSBFA)

Campus: Tempe

Program Description:

The BFA program in sculpture recognizes the broad, transdisciplinary nature of sculpture today. A wide range of media now falls within an expanded definition of sculpture. Course work includes:

- architectural sculpture
- foundry
- interactive and kinetic sculpture
- neon
- small metals
- wood
- video and sound installation

While classes run the gamut of the contemporary sculpture environment, there also is an emphasis on helping students put today's creations in the contexts of the history of sculpture and the larger field of contemporary art. Critical inquiry is augmented by courses in the art history program. Visiting artists, curators and critics connect students to the contemporary context.

Students must submit a BFA declaration form after successful completion of the art foundational course work to be admitted to the major.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All art students will be admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements including foundational course work and successfully passing a portfolio review to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division course work in the studio. There is no portfolio review process at the time of admission to ASU for freshmen.

Students in their second year who are interested in studio art and art education will obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies will submit a declaration form in the semester in which they complete 30 hours. The student's major will be changed upon successful completion of the portfolio. Students may choose to remain in and complete the Bachelor of Arts (art studies) in which case no portfolio is required.

Transfer students who have completed the foundational core and pre-art requirements may submit a portfolio for review before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two year degree and have completed the foundational core and pre-art requirements, apply and submit a portfolio in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to embark on a lifetime exploration of the many aspects of 3D art. Positions are available in:

- 3D design
- the fabrication and design of exhibitions
- the motion picture industry
- set design
- teaching
- welding

Academic posts and positions with museums generally require advanced degrees. Many students also prefer to establish their own studios after graduation.

Contact Information:

Design & the Arts, Herberger Institute for
School of Art
<http://art.asu.edu/sculpture/>
ART 102
herbergeradvising@asu.edu
480-965-3468

Arts (BA in the Arts), BA (FAATSBA)

Campus: Tempe

Program Description:

The BA in the arts is an interdisciplinary degree program designed for students who are passionate about the arts and interested in combining knowledge about multiple arts disciplines. Students will gain an increased understanding of the theoretical, historical and cultural forces that shape the arts through an open-ended path for exploration and development of a range of skills that will be valuable for advanced study in multiple areas.

The major includes a common core for all students, and students choose a focus from:

- arts administration
- entertainment design
- fashion design
- historical and theoretical studies in the arts
- individualized focus designed by the student and subject to approval by the institute's standards committee and the dean's office

Additional Program Fee: Y

Second Language Requirement: Students pursuing the historical and theoretical studies focus area must demonstrate foreign language proficiency. Remaining focus areas do not have a second-language requirement.

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative

GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

As the population in the state of Arizona grows, numerous arts organizations are developing to provide cultural and artistic experiences for our residents. These organizations will need and demand individuals with the necessary critical thinking skills who understand the impact the arts have on society and who will be passionate employees committed to the arts. This program will provide the skill set necessary for such careers as:

- arts administrators
- arts critics
- entertainment designers
- fashion historians
- media arts authors and publishers
- museum curators and directors
- public art specialists

Contact Information:

Design & the Arts, Herberger Institute for
Dean, Herberger Institute for Design and the Arts
http://herbergerinstitute.asu.edu/degrees/ba_arts/
CDS 101
herbergeradvising@asu.edu
480-965-4495

Dance, BFA (FADANBFA)

Campus: Tempe

Program Description:

The School of Film, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. The BFA program in dance offers a transdisciplinary curriculum that emphasizes collaboration and a holistic approach to education. The program encourages the thought that artists of the 21st century need to develop multiple skills for success in the arts and related fields. The core values of the program include creativity, research, leadership, reflection, humanity and context. These values are embedded in a broad range of academic experiences that emphasize:

- creative practices: the study of the creative process and dance making using improvisation, choreography and interdisciplinary approaches
- movement practices: the study of the theory, history and technique of a range of dance forms and mind-body practices, including:
 - contemporary ballet
 - postmodern contemporary dance
 - somatic practices
 - urban dance practices
 - dance and digital arts
 - dance history, ethnography and philosophy
 - seminars

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If you pass your interview, the School of Film, Dance and Theatre will change your major to the BFA in dance. In the event that you are admitted to ASU, but not selected as a dance major or you miss the interview application deadline, you will enter ASU as a dance interview student and will need to successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days take place in November, February and April of each year. To ensure a smooth curricular progression, we strongly encourage all prospective dance students, including transfer students, to participate in the interview day during the semester prior to their intended date of enrollment. More information on the interview process and deadlines can be found at <https://filmdancetheatre.asu.edu/degree-programs> (<https://filmdancetheatre.asu.edu/degree-programs>).

Dance Interview Days 2016-2017

Materials due October 21, 2016 for November 19, 2016 interview.

Materials due January 13, 2017 for February 11, 2017 interview.

Materials due March 3, 2017 for April 1, 2017 interview.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

The comprehensive academic foundation of the Bachelor of Fine Arts degree program in dance prepares students to be leading dance professionals of the 21st century. Graduates of the program have the expertise to pursue professions as choreographers, performers, educators, community artists, scholars and much more. After leaving ASU, many graduates:

- conduct academic research
- curate or produce dance festivals and events
- direct or manage performing art companies, studios or dance-related organizations
- facilitate community partnerships and projects
- produce dance media for performance or instruction
- pursue certification in somatic practices (Laban Movement Analysis, Feldenkrais, Alexander Technique, Body-Mind Centering, etc.)
- teach and design curriculum
- work as a dance critic
- work in the areas of health and wellness (fitness, yoga, massage therapy, etc.)
- work in the field of arts management and administration
- work in technical theatre and dance production
- write for scholarly publications

Contact Information:

Design & the Arts, Herberger Institute for

School of Film, Dance and Theatre

<https://filmdancetheatre.asu.edu>

GHALL 232

fdt@asu.edu

480-965-5337

Dance (Dance Education), BFA (FADANEBA)

Campus: Tempe

Program Description:

The BFA program in dance education prepares students for certification to teach dance in K-12 schools in the state of Arizona. Students in this degree program are required to complete additional state certification requirements. The School of Film, Dance and Theatre provides a dynamic and culturally diverse learning environment where students develop as creative artists, scholars and educators. Studies in dance cultures, music, digital media, dance history, philosophy and criticism, movement science, somatics, and stage and screen production enhance the rich educational setting. Creativity and research, the core program values, are embedded in a broad range of academic experiences emphasizing movement and

creative practices, artistic process, leadership and pedagogy.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Film, Dance and Theatre will change the student's major to the BFA in dance. In the event that the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student will enter ASU as a dance interview student and will need to successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days take place in November, February and April of each year. To ensure a smooth curricular progression, we strongly encourage all prospective dance students, including transfer students, to participate in the interview day during the semester prior to their intended date of enrollment. More information on the interview process and deadlines can be found at <https://filmdancetheatre.asu.edu/degree-programs> (<https://filmdancetheatre.asu.edu/degree-programs>).

Dance Interview Days 2016-2017

Materials due October 21, 2016 for November 19, 2016 interview.

Materials due January 13, 2017 for February 11, 2017 interview.

Materials due March 3, 2017 for April 1, 2017 interview.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

The concentration in dance education lays the foundation for a career in teaching in public and private settings. Students earn an Arizona teaching certification while pursuing the dance education degree, and they can expect to find employment in one of many thriving middle school and high school dance programs throughout the state or in more informal community settings.

Contact Information:

Design & the Arts, Herberger Institute for

School of Film, Dance and Theatre

<https://filmdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Design Studies, BA (ARDSNBA)

Campus: Tempe

Program Description:

The BA in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

It is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories:

- communication for design
- design history
- general design

It provides a design education, general and specific, to students who seek opportunities in the broader design sector or in graduate education.

Students may undertake the program in one of two specific concentrations: design studies, which allows students to discover the myriad possibilities of design as a subject area as well as the flexibility that it provides for further exploration; or design management, which offers a selection of courses in management and human communication that complement design.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector or have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

Contact Information:

Design & the Arts, Herberger Institute for

Dean, Herberger Institute for Design and the Arts

http://herbergerinstitute.asu.edu/degrees/ba_design/

CDS 101

herbergeradvising@asu.edu

480-965-4495

Design Studies (Design Management), BA (ARDSNMBA)

Campus: Tempe

Program Description:

The BA in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

It is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories:

- communication for design
- design history
- general design

It provides a design education, general and specific, to students who seek opportunities in the broader design sector or in graduate education.

The concentration in design management offers a selection of courses in management and human communication that complement design and allows for more focused study in these areas.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector or have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

Contact Information:

Design & the Arts, Herberger Institute for

Dean, Herberger Institute for Design and the Arts

http://herbergerinstitute.asu.edu/degrees/ba_design/

CDS 101

herbergeradvising@asu.edu

480-965-4495

Digital Culture, BA (HIDGCBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first-of-its-kind BA in digital culture. The degree program is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with the everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills to understand the broader impact of technologies on life and culture.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Career opportunities include the following fields:

- audio
- creative writing
- comparative literature
- computing
- technical writing
- technology
- visual media

Digital culture alumni have obtained careers as:

- designers
- graphic designers
- engineers
- programmers
- software specialists
- special effects artists
- 3D modelers
- visual media artists

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://digitalculture.asu.edu>

STAUF B 217

AME@asu.edu

480-965-9438

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills that enable the understanding of the broader impact of technologies on life and culture. Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Art Concentration

The program is for students wishing to specialize in visual composition aspects of new media. Students complement their knowledge of digital culture with discipline-specific courses in the School of Art focused on the historical and theoretical aspects of visual arts, foundational visual arts skills and hands-on knowledge of visual composition through digital means.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital Culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development

- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
 Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
 STAUF B 217
herbergeradvising@asu.edu
 480-965-9438

Digital Culture (Arts and Design Studies), BA (HIDCADSBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills that enable understanding of the broader impact of technologies on life and culture.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - The Arts and Design Studies Concentration

The program is for students wishing to integrate transdisciplinary studies in design and the arts into new media applications.

Students complement their knowledge of new media with broad-based transdisciplinary studies in design and the arts.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
STAUF B 217
herbergeradvising@asu.edu
480-965-9438

Digital Culture (Design), BA (HIDGCDBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills to understand the broader impact of technologies on life and culture. Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Design Concentration

The program allows students to specialize in hybrid (physical and digital) product and space design. Students complement their knowledge with an understanding of the principles of space and product design as well as the historical and theoretical aspects of design, and they develop integrative design approaches to the digital and physical elements of hybrid products and spaces.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in the following fields:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
STAUF B 217
herbergeradvising@asu.edu
480-965-9438

Digital Culture (English), BA (HIDGCENBA)

Campus: Tempe

Program Description:

The Digital Culture program with a concentration in English is designed for students who wish to explore the historical, scientific and theoretical intersections of art, media and technology. Sharing of stories and media through electronic communities; participatory art-making and creativity forums on the web; gaming; digital movies and effects; mediated public spaces and electronic design are only a few of the new activities that are defining and evolving culture. Students in the major will assist in the establishment, evolution and proliferation of such culture at the state, national and international level. Students will use tools of inquiry to examine, analyze and create works of art through a hands-on approach to communication, writing, rhetoric and literacies in collaboration with the English department.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Career opportunities include fields in which the following are sought: technology commentary, future studies, design fiction, technical writing, creative writing, comparative literature and fields in which collaboration is needed.

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://digitalculture.asu.edu>

STAUF B 217

ameed@asu.edu

480-965-9438

Digital Culture (Film), BA (HIDGCFBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills that enable understanding of the broader impact of technologies on life and culture.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Film Concentration

The program is for students wishing to integrate digital aspects of film into new media. Students complement their knowledge of digital culture with discipline specific courses in the School of Film, Dance and Theatre that focus on the foundations of filmmaking practices, historical and theoretical aspects of film, knowledge of the film industry and hands-on knowledge of digital processes in filmmaking processing skills.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative

GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media, involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the digital culture program who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
STAUF B 217
herbergeradvising@asu.edu
480-965-9438

Digital Culture (Graphic Information Technology), BA (HIDGCTEBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills that enable the understanding of the broader impact of technologies on life and culture.

Graduates interested in continuing their education are well prepared to apply for the top transdisciplinary new media programs in the nation.

Digital Culture - Graphic Information Technology concentration

This concentration is offered in partnership with the Ira A. Fulton Schools of Engineering. Students complement their knowledge of new media with technology and new media entrepreneurship skills, knowledge of legal and ethical issues for technology, and additional skills in graphic

communication, digital illustration and design methodology.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education will be well prepared to apply for admission to the top transdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://digitalculture.asu.edu>

STAUF B 217

herbergeradvising@asu.edu

Digital Culture (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media, but also with the critical-thinking skills that enable understanding of the broader impact of technologies on life and culture.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Interdisciplinary Arts and Performance Concentration

This concentration, offered in partnership with New College, focuses on a transdisciplinary and collaborative approach to the arts, technology and performance. The program emphasizes the traditions of transdisciplinary, avant-garde and experimental arts and on contemporary art and performance. Courses include digital media arts, music and electronic sound art, performance studies, theatre and performance practice, and digital graphics.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
 Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
 STAUF B 217
herbergeradvising@asu.edu
 480-965-9438

Digital Culture (Media Processing), BA (HIDGCMPBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills that enable understanding of the broader impact of technologies on life and culture.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Media Processing Concentration

This concentration is offered in partnership with the Ira A. Fulton Schools of Engineering.

The program is for students wishing to specialize in media processing aspects of new media. Students complement their knowledge with a more advanced understanding of programming, data structures, signals processing and system architecture aspects of new media.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
 Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
 STAUF B 217
herbergeradvising@asu.edu
 480-965-9438

Digital Culture (Music), BA (HIDGCMBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills needed that enable the understanding of the broader impact of technologies on life and culture.

Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Music Concentration

Students complementing their knowledge of digital culture with discipline-specific courses in the School of Music focus on understanding the foundations, historical and theoretical structures of commercial and popular music, and the principles of electronic music composition and digital sound.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media to choose from, in fields such as:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for

Arts, Media and Engineering Sch T

<https://digitalculture.asu.edu>

STAUF B 217

herbergeradvising@asu.edu

480-965-9438

Digital Culture (Theatre), BA (HIDGCTBA)

Campus: Tempe

Program Description:

The School of Arts, Media and Engineering offers a first of its kind BA in digital culture. The degree is for students who are interested in helping shape the future creative uses of digital technology in our day-to-day lives. Digital culture majors learn to go beyond merely using digital tools; they

develop the ability to program media and integrate computational systems with everyday physical human experience. This dynamic curriculum not only prepares students with tangible skills in cultural media but also with the critical-thinking skills that enable the understanding of the broader impact of technologies on life and culture. Graduates interested in continuing their education are well prepared to apply for the top interdisciplinary new media programs in the nation.

Digital Culture - Theatre Concentration

The concentration is for students wishing to integrate principles of design and production with digital culture. Students complement their knowledge of digital culture with discipline specific courses in the School of Film, Dance and Theatre that focus on understanding the fundamentals and principles of theatre design, including scene, lighting, sound, costume and multimedia design, while developing art and technical direction and digital design skills.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon graduation, digital culture students have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education will be well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in the following fields:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects

- 3D modeling and fabrication
- visual media

Contact Information:

Design & the Arts, Herberger Institute for
Arts, Media and Engineering Sch T
<https://digitalculture.asu.edu>
STAUF B 217
herbergeradvising@asu.edu
480-965-9438

Environmental Design, BS (HIEDSBS)

Campus: Tempe

Program Description:

The BS in environmental design offers an integrated curriculum in environmental design primarily in a nonstudio format. This undergraduate program is designed to create a deep awareness and knowledge of issues that influence the design of built environments and the design of artifacts in general. The program of study emphasizes general knowledge and design research as well as focus areas. Focus areas include histories and theories of design; innovation, technology and design strategies; and sustainability in environmental design. The curriculum will provide special understanding of theories, technologies, social issues and management aspects related to the student's chosen focus area. While studio courses cannot be taken as electives, students will be able to take career-specific design electives, and the degree prepares students for all graduate programs in The Design School. The program itself is not a professional degree program but intends to provide a broad base of skills and knowledge in environmental design.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates of this program may take on roles in offices, businesses, public institutions and industries that require an awareness of issues that affect environmental design. Additionally, graduates may choose to apply to graduate programs in related disciplines to pursue professional or other graduate degrees.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<http://design.asu.edu>
CDN 162
herbergeradvising@asu.edu
480-965-3536

Film (Film and Media Production), BA (FAFLMBA)

Campus: Tempe

Program Description:

The School of Film, Dance and Theatre offers a BA in film with a concentration in film and media production. Students pursuing this concentration develop a comprehensive and practical knowledge of production; awareness and impact of media and entertainment on audiences and culture; and an understanding of the role of the artist in society. Students have access to digital cameras, lighting and sound equipment, post-production software and facilities, and other resources and technologies that will give them an opportunity to produce a final capstone project of exceptional technical quality.

Within this concentration, students have the option of three tracks of study: directing, producing, or media and technology. Each of these focused courses of study is supported by the degree-wide emphasis on ethical filmmaking practices, innovative creative expression, and preparation for a career as an industry professional.

All students enter as majors in the filmmaking practices concentration. After completing the required five core film degree courses (15 credits), students are eligible to apply to the selective, studio-based concentration in film and media production. Students who enter ASU as freshman typically apply for the film and media production program in their third or fourth semester; transfer students may apply earlier depending on academic record, experience, and preparation.

Additional Program Fee: Y**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 OR MAT 119**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

All film students will be admitted to ASU into the Bachelor of Arts in film, filmmaking practices concentration. Students who wish to pursue the highly-selective, studio-based Bachelor of Arts in film, film and media production concentration must complete the 15-hour film core and successfully pass an interview and review of their creative work to enter the concentration. This interview and creative work review generally takes place in the second or third term at ASU.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

The film and media production concentration provides students with the knowledge and experience to prepare them to enter careers in media and entertainment as:

- cinematographers
- directors
- editors
- producers
- screenwriters

The bachelor's degree program is an excellent broad-based foundation for work in the profession or to prepare students for further training at graduate schools or conservatories.

Contact Information:

Design & the Arts, Herberger Institute for

School of Film, Dance and Theatre

<https://filmdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Film (Filmmaking Practices), BA (FAFPRBA)

Campus: Tempe

Program Description:

Students in the filmmaking practices concentration receive grounding in fundamental production skills; entertainment and media ethics; feature, short, and episodic screenwriting; and general film industry history and practices.

Students will have the option of two tracks of study in the upper division: screenwriting or preprofessional. Students who choose the track in screenwriting will be required to take multiple writing courses at the intermediate and advanced levels; students in the preprofessional track will choose among a series of course options in each of the areas of writing; producing; and film and media technology. Production experience is regularly available through select lower-division courses that provide creative course work options; the upper-division course FMP 300 Focus on Film (3); and credited opportunities to work on projects produced by students, faculty, and the School of Film, Dance and Theatre. All students will complete a year-long senior project, initiated and developed by the students and supported with dedicated faculty mentorship.

Bachelor's degree students in film begin their studies in the School of Film, Dance and Theatre in the filmmaking practices concentration. All students complete the same 15-hour core requirements in their first two years of study.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The filmmaking practices concentration provides preprofessional students with the knowledge and experience to prepare them for entry-level positions in media and entertainment production, producing, and film management or to enter advanced graduate-level education. Screenwriting will allow students to develop a diverse and unique writing portfolio and an understanding of the creative and professional skills required to establish and maintain a successful career as a writer.

Contact Information:

Design & the Arts, Herberger Institute for

School of Film, Dance and Theatre

<https://filmdancetheatre.asu.edu/>

GHALL 232

fdt@asu.edu

480-965-5337

Graphic Design, BSD (ARGRABSD)

Campus: Tempe

Program Description:

Graphic designers are responsible for designing how information is communicated. Forms of communication include print, video, film and electronic (Web). The faculty in The Design School offers the BSD in graphic design.

Graphic designers are concerned with:

- appearance

- choosing the appropriate mechanism for communication
- clarity of information and its effectiveness
- how communication is transferred and received

This program places an emphasis on strategic communication, developed through a design process that includes research, analysis, conceptualization, planning and realization. The process leads to innovative visual communication design solutions for contemporary design problems that are local to global in scope.

All students who are admitted to the major must pass a degree milestone at the end of the first year to continue in the major. For more information on the milestone process, visit: <http://herbergerinstitute.asu.edu/degrees/milestone.php> (<http://herbergerinstitute.asu.edu/degrees/milestone.php>).

This is an eight-semester program requiring sequential completion of studio course work (or approved equivalent) at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Based on a diversified portfolio upon graduation, students opting for the graphic design profession gain employment in:

- advertising and marketing design
- brand and corporate identity design
- broadcast (TV graphics) design
- interaction and interface design
- museum or exhibition design
- publication design
- visual communication design
- Web design

Specific examples of graphic designers' work include:

- annual reports
- books
- environmental graphics
- information design
- motion graphics
- multimedia presentations
- publications
- Web sites

Students may also pursue graduate studies leading to careers in design education and other fields of professional endeavor in design.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School

<http://herbergerinstitute.asu.edu/degrees/design.php>

CDN 162

herbergeradvising@asu.edu

Industrial Design, BSD (ARINDBSD)

Campus: Tempe

Program Description:

Industrial designers are responsible for the design of product and service systems that people use in their everyday lives. The industrial design program at ASU focuses on a new model of transdisciplinary product development called integrated innovation.

Using this model of innovation, students systematically work through a matrix of four questions:

- What is valuable to users?
- What is possible through engineering?
- What is desirable to business?
- What is good for society and the environment?

The goal of the program is to help students learn how to create product and service systems that:

- benefit society while minimizing impacts on the environment
- can be realized through appropriate technology and engineering
- create measurable value for business
- satisfy people's needs

All students who are admitted to the major must pass a degree milestone to continue in the major at the end of the first year. For more information on the milestone process, visit: <https://herbergerinstitute.asu.edu/degrees/milestone.php> (<https://herbergerinstitute.asu.edu/degrees/milestone.php>).

This is an eight-semester program requiring sequential completion of studio course work (or approved equivalent) at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

After completing the program successfully, graduates have the option of working as designers in several capacities:

Obtain employment as members of in-house design teams at corporations in a variety of industries including, but not limited to:

- consumer goods
- furniture
- health care and medical products
- packaging design
- sports and outdoor goods
- toys
- trade show and exhibit design
- transportation and mobility device design
- user interface design
- Obtain employment with consulting firms that design products and services for a variety of clients.
- Obtain employment with nonprofit institutions or nongovernmental organizations and use their skills to address specific social or environmental problems.
- Pursue entrepreneurship opportunities: some graduates have established their own design and manufacturing ventures.
- Pursue teaching a variety of courses in art and design schools, colleges or universities, part time or full time.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://herbergerinstitute.asu.edu/degrees/design.php>
CDN 162
herbergeradvising@asu.edu
480-965-3536

Interior Design, BSD (ARINTBSD)

Campus: Tempe

Program Description:

Course work in the BSD program in interior design examines the context and spaces in which individuals and groups live and work. Interior designers create environments within buildings that meet the physical and psychological needs of individuals and institutions, providing a useful, rich and rewarding environment for their lives. Interior design involves the design of space, equipment and furniture. It requires substantial technical and organizational understanding; sensibility to form, lighting, color and texture; and an awareness of design history and theory.

All students who are admitted to the major must pass a degree milestone at the end of the first year to continue in the major. For more information on the milestone process, visit: <https://herbergerinstitute.asu.edu/degrees/milestone.php> (<https://herbergerinstitute.asu.edu/degrees/milestone.php>)

This is an eight-semester program requiring sequential completion of studio course work (or approved equivalent) at any point of entry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates find employment opportunities with interior design firms or architecture firms and corporations and governmental entities of any size. Firms may specialize in interior design for residential, commercial, retail, hospitality, institutional, and health care spaces. Career specialties include historic restoration, branding, sustainability, new product innovation and incorporation of new technology.

Contact Information:

Design & the Arts, Herberger Institute for
The Design School
<https://herbergerinstitute.asu.edu/degrees/design.php>
CDN 162
herbergeradvising@asu.edu
480-965-3536

Landscape Architecture, BSLA (ARPLABSLA)

Campus: Tempe

Program Description:

The BS program in landscape architecture offers students the opportunity to engage with the community in applied projects that focus on designing sustainable outdoor environments and improving the ecological and social health of the urban environment.

Undergraduate landscape architecture program projects can range from large-scale work encompassing urban design, landscape reclamation, open space preservation planning, and landscape ecological design to projects at the more intimate scale of a neighborhood park or residential back yard. Emerging areas of focus include biotechnical design; urban agriculture; construction of greenways, green roofs and living walls; and the design of healing environments. Students complement their design learning with electives from a broad range of approved courses.

All students must pass a degree milestone at the end of the first year to continue in the major. For more information, visit: <http://herbergerinstitute.asu.edu/degrees/milestone.php> (<http://herbergerinstitute.asu.edu/degrees/milestone.php>). This is an eight-semester program requiring sequential completion of studio course work (or approved equivalent).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

The bachelor's degree program is designed to prepare students for landscape architecture professional practice and advanced study at the graduate level. Our students have found employment in nationally recognized firms working with notable landscape architects in large multinational firms or in public agencies. Students also have gone on to pursue graduate study at universities with distinguished graduate programs in landscape architecture and allied design fields.

The U.S. Bureau of Labor Statistics projects employment for landscape architects will grow 16 percent from 2010 to 2020, about as fast as the average for all occupations. The bureau also notes that "employers prefer to hire entry-level landscape architects who have internship experience, which significantly reduces the amount of on-the-job training required." The bachelor's degree program has an internship requirement meant to address this preference and better prepare our graduates for employment.

Contact Information:

Design & the Arts, Herberger Institute for

The Design School

<http://design.asu.edu>

CDN 162

herbergeradvising@asu.edu

480-965-3536

Music, BA (FAMUSBA)

Campus: Tempe

Program Description:

The BA program in music provides students with a broadly based liberal arts degree applicable to careers in music and many other fields. The music curricular core, together with more elective flexibility than a BMUS, leads students to develop mainstream and alternative musical competencies, to explore music as human history, cultural artifact and social behavior, and to pursue other areas of interest.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion
- music publishing
- performing in community and professional ensembles in a variety of styles and traditions
- teaching in a private studio or community program

Many graduates pursue a master's degree or a doctorate in music or another professional field.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Music (Music and Culture), BA (HIMUSMCBA)

Campus: Tempe

Program Description:

The BA in Music (music and culture) concentration provides students with a broadly based liberal arts degree applicable to careers in music and many other fields. The music curricular core, together with more elective flexibility, leads students to develop mainstream and alternative musical competencies, to explore musics as human history, cultural artifact and social behavior and to pursue other areas of interest. The degree is a liberal arts-based degree in which students have a higher percentage of elective courses allowing them to tailor both the general studies courses and the music electives to suit their career goals.

Additional Program Fee: Y**Second Language Requirement:** Y**First Required Math Course:** MAT 117 - College Algebra

Or MAT 119 or MAT 142

Program Math Intensity: General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> for details. Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Audition process for admittance to music and culture concentration:

- Submit a writing sample, which will be evaluated by all musicology faculty members.

Submit evidence of musicianship broadly defined (basic notational literacy plus live audition on, for example, didgeridoo or gospel-style composition, or documented transdisciplinary installation including music), which will be evaluated by all musicology faculty.

- Attend an interview with at least three musicology faculty members.
- Each student will be matched with a musicology advisor at the time of acceptance. The advisor will assist students in the choice of ensembles (as qualified) and electives to support their programs of study. Students must audition and be accepted into large ensembles following established procedures.
- Students who wish to take studio lessons as part of the degree must audition for the appropriate performance faculty members. Students should follow the BA in music audition requirements.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Career Opportunities:

The BA program in Music (music and culture) concentration prepares students for potential careers in fields that require skilled written communication, the ability to conduct research both in electronic and print media, critical and logical thinking, the dissection of an argument and careful time management. In addition to the careers listed below, graduates may pursue jobs in music and medical humanities or copyright and entertainment law. Graduates are prepared to work in various professional capacities, including:

- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion
- music in culture
- music publishing
- performing in community and professional ensembles in a variety of styles and traditions
- teaching in a private studio or community program
- work in music-related fields

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music Education, BMUS (FAMUSEBM)

Campus: Tempe

Program Description:

The BMUS program in music education is designed for students interested in pursuing careers as music teachers in the public schools. The degree program also prepares students for K-12 teaching certification.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to teach in public and private school music programs that offer a variety of music classes including general music, choir, band, orchestra, strings or other innovative music programs.

Graduates are also prepared to work in various professional or entrepreneurial capacities, including:

- performing in community and professional ensembles in a variety of styles and traditions
- teaching in a private studio or community program
- presenting school and community programs as artist-in-residence
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- work in music-related fields such as media production, music business, publishing, marketing and education

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu/>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Music Therapy, BMUS (FAMUSTHBM)

Campus: Tempe

Program Description:

The BMus program in music therapy prepares students for a career in the health care and special education professions. Music therapists use carefully planned music interventions to achieve desired changes in client individualized-behavior and functioning. Music therapy is a profession in which engagement in active music-making helps a client achieve nonmusical therapeutic goals. Educating the potential music therapist requires both a wide range of musical skills and the ability to work with people in a therapeutic manner. Music therapy students have many opportunities to develop their clinical skills. Students also study:

- human anatomy
- musical improvisation
- popular music styles
- psychology
- songwriting
- special education

- world music

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists. Positions are available regionally and nationally in hospitals, schools, rehabilitation centers, nursing homes and other health care facilities. Graduates are prepared to work in:

- geriatric care
- mental health
- physical rehabilitation
- special education
- community music therapy and wellness
- veteran and military populations

A music therapy career may also provide an opportunity for private practice with flexible hours.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Collaborative Piano), BMUS (FAMUSPPBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in collaborative piano offers private instruction in both solo and collaborative piano, faculty coaching of chamber music repertoire, and ample opportunity for extensive collaborative performance experiences. The program focuses on the core repertoire of art song, piano chamber music, and selected works from the operatic, musical theatre and oratorio repertoire. Collaboration within the School of Music involves all performance areas, including:

- classes and opportunities with the Lyric Opera Theatre
- concerts with large ensembles and choirs
- duo recitals with instrumental and voice colleagues
- performances of great chamber music literature

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a choral, collaborative or orchestral pianist
- performing in music theatre and opera pit ensembles and chamber music ensembles
- recording and studio work
- teaching in a private studio and community program
- working as a vocal coach
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Performance (Guitar), BMUS (FAMUSPGBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in guitar is a program that focuses on the study of guitar literature and techniques. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue careers as professional musicians. The course of study includes extensive performance experiences.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs, or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance (Jazz), BMUS (FAMUSPJBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in jazz places an emphasis on the improvisational aspects of jazz. The curriculum combines jazz performance, composition and pedagogy in a program that allows the student to express himself or herself musically while emphasizing the skills necessary to pursue a career as a professional musician. The study of jazz performance can be a suitable background for work in:

- contemporary composition
- film scoring, writing and arranging
- performance
- private instruction
- recording studios
- teaching jazz pedagogy and other related fields in the music industry

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> for details. Admission to the School of Music is based on an audition. Live auditions

take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- accompanying
- jazz composing or arranging
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-3371

Performance (Keyboard), BMUS (FAMUSPKBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in keyboard is a program that focuses on the study of literature and techniques of the piano or organ. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue a career as a professional musician. The course of study includes extensive performance experience.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching privately or in a professional music school, a college or a university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu>

MUSIC E167

MusicAdmissions@asu.edu

480-965-5069

Performance (Music Theatre), BMUS (FAMUSPMBM)

Campus: Tempe

Program Description:

This BMus program in performance with a concentration in musical theatre is designed to hone all the skills necessary for the complete singing actor. Training includes private voice lessons, acting, dance, audition techniques, technical production, repertoire classes, scene study and

performance. Students in this degree who wish to focus on opera may choose course options in the junior and senior years, with faculty approval, which prepare them for entrance into master's degree programs in opera performance.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit

<https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions>

(<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

This degree program is designed for individuals who plan a career as a performing singer and actor or actress in opera, operetta, musicals and other forms of musical theatre. Graduates become conductors, teachers, singers and actors or actresses and are prepared to work in various professional capacities, including performance:

- at universities, colleges and schools
- in major opera houses
- in national touring companies
- on Broadway

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu>

MUSIC E167

Performance (Orchestral Instrument), BMUS (FAMUSPOBM)

Campus: Tempe

Program Description:

The BMus in performance with a concentration in orchestral instrument focuses on the study of music literature and techniques on specific orchestral instruments. Goals of study include building and emphasizing the skills necessary to pursue a career as a professional musician. The course of study includes extensive performance experience in large ensembles, as a soloist and as a chamber musician.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- performing in orchestras, chamber music ensembles, music theatre and opera pit ensembles
- presenting school and community programs
- recording and studio work

- teaching privately or as part of a college or university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
 School of Music
<http://music.asu.edu>
 MUSIC E167
 MusicAdmissions@asu.edu
 480-965-5069

Performance (Voice), BMUS (FAMUSPVBM)

Campus: Tempe

Program Description:

The BMus program in performance with a concentration in voice focuses on the study of specific vocal literature and techniques. Goals include enabling students to express themselves musically while emphasizing the skills necessary to pursue a career as a professional musician. The course of study includes extensive performance experience.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative

GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional and entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- presenting school programs, or state or community arts councils as artist-in-residence
- teaching in a private studio and community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-5069

Performance and Movement, BA (HIPERMVBA)

Campus: Tempe

Program Description:

The BA program in performance and movement, with specialized tracks, provides students with a wide diversity of movement and performance arts training as well as a solid foundation in creative practice within the context of a liberal arts degree. This degree provides a place for those students interested in dance, acting and performance across a wide diversity of stages, platforms and communities. The School of Film, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. The bachelor's degree in performance and movement provides a transdisciplinary performance curriculum promoting innovative collaboration and a holistic approach to acquiring skills for successful career transitions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The bachelor's degree in performance and movement provides an excellent broad-based foundation for work in the arts or entertainment professions or readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis, combined with a focus on physical presence, prepares graduates for a variety of occupations in both performance and nonperformance fields. Opportunities may include work with:

- arts entrepreneurship

- professional performing
- studio ownership and management
- themed entertainment

Contact Information:

Design & the Arts, Herberger Institute for
 School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
 GHALL 232
 fdt@asu.edu
 480-965-5337

Theatre, BA (FATHEBA)

Campus: Tempe

Program Description:

The BA program in theatre provides students with a rigorous academic and hands-on theatre education within the context of a liberal arts degree. The program offers specialty course work in the following areas:

- film
- design and production
- new work development
- performance
- theatre and performance studies
- theatre for youth

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students interested in the BA in theatre are admitted directly into the major by indicating their degree preference on their ASU admission application.

Students interested in the BA in theatre, BA in theatre with a concentration in acting, or BA in theatre with a concentration in design and production will enter as BA theatre majors. Once students begin to complete classes at ASU in the BA theatre program, they may apply to a concentration in either acting or design and production.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Career Opportunities:

The bachelor's degree program in theatre provides an excellent broad-based foundation for work in the arts or entertainment professions or readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis prepares graduates for a variety of occupations in both theatre and nontheatre fields. Opportunities may include work with:

- arts entrepreneurship
- production companies in theatre, television or film
- schools
- commercial entertainment

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Acting), BA (FATHEABA)

Campus: Tempe

Program Description:

The BA program in theatre with a concentration in acting provides students with a rigorous academic and hands-on theatre education that emphasizes performance. Within the context of a comprehensive, liberal arts education, the program prepares students for both advanced graduate study in the field and entry-level careers in acting and performance. The program offers specialty course work in the following areas:

- film
- movement
- new work development
- performance styles
- theatre for youth
- voice and speech

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students interested in the BA in theatre are admitted directly into the major by indicating their degree preference on their ASU admission application.

Students interested in the BA in theatre, BA in theatre with a concentration in acting, or BA in theatre with a concentration in design and production will enter as BA theatre majors. Once students begin to complete classes at ASU in the BA theatre program, they may apply to a concentration in either acting or design and production.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

The bachelor's degree program in theatre with a concentration in acting provides an excellent broad-based foundation for work in the profession. It prepares students for advanced graduate study and independent career pursuits in performance. It offers students advanced study that can lead to careers in professional theatre, film, television, media, education and other related arts disciplines.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theatre (Design and Production), BA (FADSNPRBA)

Campus: Tempe

Program Description:

The BA program in theatre with a concentration in design and production provides students with a rigorous academic and hands-on theatre education with an emphasis on design and production for performance. Within the context of a comprehensive liberal arts education, the program prepares students for both advanced graduate study in the field and entry-level careers in entertainment design and production. The program offers specialty course work in the following areas:

- costume design and technology
- lighting design and technology
- media design and technology
- scenic design and technology
- sound design and technology
- stage management
- technical direction

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students interested in the BA in theatre are admitted directly into the major by indicating their degree preference on their ASU admission application.

Students interested in the BA in theatre, BA in theatre with a concentration in acting, or BA in theatre with a concentration in design and production will enter as BA theatre majors. Once students begin to complete classes at ASU in the BA theatre program, they may apply to a concentration in either acting or design and production.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel

and equal courses in the college's curriculum, and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 semester hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 semester hours of resident credit in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

The bachelor's degree program in theatre provides an excellent broad-based foundation for work in the profession or readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis prepares graduates for a variety of occupations. The design and production concentration offers students advanced study that can lead to careers as designers or technicians in the performing arts and the entertainment industry.

Contact Information:

Design & the Arts, Herberger Institute for
School of Film, Dance and Theatre
<https://filmdancetheatre.asu.edu/>
GHALL 232
fdt@asu.edu
480-965-5337

Theory and Composition (Composition), BMUS (FAMUSTCBM)

Campus: Tempe

Program Description:

Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition, and completion of the requirements for this concentration result in the completion of one degree in either theory or composition. Students who select the concentration in composition focus on developing techniques for writing music. The School of Music offers students the opportunity to study with composers who have established national and international reputations. This program may be used as the first step toward a master's degree or doctorate in music composition, or other graduate academic music degree.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines. Submission of a prescreening portfolio is required for all composition applicants.

Spring 2017: The deadline to apply for admission to the Bachelor of Music in composition is Oct. 1, 2016. A prescreening portfolio is required, uploaded to the online School of Music Application.

Fall 2017: The deadline to apply for admission to the Bachelor of Music in composition is Dec. 1, 2016. A prescreening portfolio is required, uploaded to the online School of Music Application.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Career Opportunities:

Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- presenting school programs, or state or community arts councils as artist-in-residence
- teaching in a private studio and community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for
School of Music
<http://music.asu.edu>
MUSIC E167
MusicAdmissions@asu.edu
480-965-3371

Theory and Composition (Theory), BMUS (FAMUSTTBM)

Campus: Tempe

Program Description:

Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition, and completion of the requirements for this concentration result in the completion of one degree in either theory or composition. Students who select the concentration in theory focus on the theoretical study of music. The School of Music offers students the opportunity to study with theorists who have established national and international reputations. This program may be used as the first step toward a master's degree or doctorate in music theory, or other graduate academic music degree.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics OR MAT 117 OR MAT 119

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music application. Visit <https://music.asu.edu/admissions/undergraduate-steps-to-apply> (<https://music.asu.edu/admissions/undergraduate-steps-to-apply>) for details.

Admission to the School of Music is based on an audition. Live auditions take place on campus in November (spring admission), and January and February (fall admission) of each year. Review audition information at <http://music.asu.edu/admissions/undergraduate-auditions> (<http://music.asu.edu/admissions/undergraduate-auditions>).

Admission to the School of Music is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, the applicant's major will be changed to music. In the event you are admitted to ASU but not to the School of Music or you miss the audition deadline, you will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Visit <http://music.asu.edu/admissions/undergraduate-deadlines-fees> (<http://music.asu.edu/admissions/undergraduate-deadlines-fees>) for complete music deadlines.

Spring 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Oct. 15, 2016.

Fall 2017: The deadline to apply for admission to the Bachelor of Arts in Music is Jan. 6, 2017.

Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates are prepared to work in various professional capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- presenting school programs, or state or community arts councils as artist-in-residence
- teaching in a private studio or community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

Contact Information:

Design & the Arts, Herberger Institute for

School of Music

<http://music.asu.edu>

MUSIC E167

MusicAdmissions@asu.edu

480-965-3371

Engineering, Ira A. Fulton Schools of

Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)

Campus: Polytechnic

Program Description:

The BS program in aeronautical management technology with a concentration in air traffic management provides a technical foundation in the air traffic control procedures used by air traffic controllers in air traffic control towers and air traffic control radar facilities. Students gain a strong background in aircraft operations, management skills and business principles through course work specific to air traffic control and aviation. As a part of the degree program, students are required to take courses that will qualify them to earn their airline dispatcher certificate.

This is an intensive program of classroom study and laboratory practice using state-of-the-art air traffic control simulators to enhance and reinforce classroom study. Students develop the following skills:

- analytical thinking
- clear and concise communication
- problem-solving
- teamwork

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

To be considered for employment by the Federal Aviation Administration, graduates of the program need to be aware of minimum requirements for employment. See https://www.faa.gov/jobs/career_fields/aviation_careers/ (https://www.faa.gov/jobs/career_fields/aviation_careers/) for more information. Graduates of the program are not guaranteed employment by the Federal Aviation Administration. Students who do not have U.S. citizenship may be admitted to the program but will not be eligible for employment by the Federal Aviation Administration.

Career Opportunities:

The Federal Aviation Administration's 2015 Controller Workforce Plan has projected that that agency plans to hire more than 6,300 new controllers over the next five years to keep pace with the expected attrition rate and traffic growth. The total number of planned hires for the period of 2015-2024 is 10,241 new controllers. Increases in the volume of air traffic will require more controllers to handle the additional work. New computerized systems will assist controllers by automatically making many of the routine decisions. This will allow controllers to handle more traffic, thus increasing their productivity.

To prepare for this challenge, students receive training in the methodologies and technologies that are currently being developed for the next generation of air traffic control systems. Despite the obvious demand for new controllers in the immediate future, competition to get into the FAA-approved training programs is expected to remain intense as there generally are many more applicants than there are openings. Graduates who have met all the FAA requirements will be eligible for consideration for employment.

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<http://poly.engineering.asu.edu/aviation/>

WANER 201

technology@asu.edu

480-727-1874

Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)

Campus: Polytechnic

Program Description:

The air transportation management concentration, under the BS in aeronautical management technology, provides students with a strong foundation of aviation concepts, including aviation law, policy and human factors as well as technical knowledge focusing on power plants, structures and aerodynamics. Students will then progress into courses focusing on business and management and operational aspects of aviation such as airline administration and airport planning. All students will finish the program by participating in an internship within industry and completion of a capstone project. This program prepares students for leadership positions within airlines, airports, government, consulting and entrepreneurial enterprises.

The Aviation Accreditation Board International accredits this program.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Aviation Management and Human Factors) (MSTech) Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

A degree in air transportation management prepares graduates for these careers:

- airline manager
- airline operations manager
- airport manager
- aviation consulting
- entrepreneurial ventures
- Fixed Based Operations
- general aviation operations manager
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/air-transportation-management-bs/>

WANER 201

technology@asu.edu

480-727-1874

Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)

Campus: Polytechnic

Program Description:

Students in the professional flight concentration learn to fly in an academic environment that prepares graduates for careers as professional pilots. Flight training is offered by an ASU-approved flight provider in late-model aircraft equipped with state-of-the-art avionics. Students may take advantage of pathway agreements for guaranteed interviews with regional air carriers.

Arizona's clear skies offer the best flying environment in the country. The Polytechnic campus is adjacent to the Phoenix-Mesa Gateway Airport where flight instruction takes place. Students have access to state-of-the-art flight training devices, including a Level 5 regional jet flight simulation training device. Other facilities, like the high-altitude simulation chamber, provide students with educational opportunities unique among collegiate aviation programs.

This program is for students who are seriously interested in becoming professional airline pilots. Graduates are prepared to assume responsibilities in a wide variety of technically related areas within professional aviation flight operations.

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional course-related fees apply; please see the program website for more information.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Aviation Management and Human Factors) (MSTech) Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: This major has additional admission requirements including Federal Aviation Administration requirements. Students will be admitted to the preprofessional status and then complete additional requirements for admission to the professional program. See <http://innovation.asu.edu/degrees-programs/human-environmental-systems/professional-flight-undergraduate> (<http://innovation.asu.edu/degrees-programs/human-environmental-systems/professional-flight-undergraduate>) for more information.

Career Opportunities:

The professional flight concentration offers students private pilot, commercial pilot and flight instructor certificates, as well as instrument pilot, instrument instructor and multiengine pilot ratings. With these flight qualifications and the technically based bachelor's degree, the graduate has a wide variety of career opportunities, including flight crew service on commercial and business aircraft.

Career opportunities include:

- airline pilot
- corporate pilot

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/professional-flight-bs/>

WANER 201

technology@asu.edu

480-727-1874

Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)

Campus: Polytechnic

Program Description:

The unmanned aerial systems concentration prepares students for careers in the rapidly growing area of unmanned aerial systems, including operations, remote sensing, data collection and analysis. The concentration incorporates all aviation management technology core courses and unmanned aerial systems concentration courses. This provides an overview of unmanned aerial systems operations followed by detailed knowledge of unmanned aerial systems-specific systems and technology (ground control stations; data links; flight planning and operations; search, detect and avoid technologies; and payloads) and unmanned aerial systems sensor operations. A critical aspect of this academic area of study is the data capture and transfer of the sensor information collected from the unmanned aerial vehicle. This innovative concentration brings together the most up-to-date and relevant aspects facing multiple industries today by addressing flight system planning and operations and the employment of the systems in the congested National Airspace System.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Aviation Management and Human Factors) (MSTech) Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Students graduating from this program will find various employment opportunities as unmanned aerial vehicle pilots and sensor operators in both the U.S. and worldwide. This concentration prepares students to operate small to mid-range platforms that will be used by emergency responders, forestry, agriculture, energy and oil, and other similar industries. Entry-level pay is competitive for this highly specialized field.

Contact Information:

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/unmanned-aerial-systems-bs/>

WANER 201

technology@asu.edu

480-727-1874

Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)

Campus: Tempe

Program Description:

The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems. The aeronautics concentration, under the BSE in aerospace engineering, emphasizes engineering and the design of aircraft, helicopters, missiles and other vehicles that fly through the atmosphere. Topics in required courses cover:

- aerodynamics
- aerospace materials
- aircraft structures
- flight mechanics
- propulsion
- stability and control

Required astronautics topics include:

- attitude control
- orbital mechanics

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Aerospace Engineering (MS)

Mechanical Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance

- wind tunnel and flight testing

The aerospace engineering program has the following program educational objectives:

- Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate
- Through volunteering, entrepreneurial endeavors, community service, employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Mechanical and Aerospace Engineering Program
<http://semte.engineering.asu.edu/aerospace-undergraduate/>
 ECG 202
 semte@asu.edu
 480-965-2335

Aerospace Engineering (Astronautics), BSE (ESAEASBSE)

Campus: Tempe

Program Description:

The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems.

The astronautics curriculum covers:

- attitude determination and control
- elective topics in aeronautics
- gas dynamics
- orbital mechanics
- rocket propulsion
- space environment
- space structures
- telecommunications

Students in the astronautics concentration culminate their major study with a capstone design project that incorporates the multiple disciplines involved in the creation of a space-going vehicle.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Aerospace Engineering (MS)

Mechanical Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following program educational objectives:

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within their organization

- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate
- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<http://semte.engineering.asu.edu/aerospace-undergraduate/>
ECG 202
semte@asu.edu
480-965-2335

Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)

Campus: Tempe

Program Description:

Emerging emphasis on autonomous aircraft technology and operations in both military and civilian sectors signals a new era within the aeronautical community focused on autonomous vehicles and systems. The autonomous vehicle concentration will provide graduates with knowledge and skills required for any career in aerospace engineering plus those specific to unmanned aerial vehicles and systems. The concentration curriculum is structured so that students will have general exposure to engineering of autonomous aircraft plus track courses in one area important to this field. The tracks, are: guidance, navigation and control; and communications. Both tracks are intended for aerospace engineering students. All paths through this concentration satisfy accreditation criteria for aerospace engineering.

This program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Aerospace Engineering (MS)

Mechanical Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students who earn a degree in this concentration will be prepared for a career in the aerospace industry, focusing on unmanned vehicles.

The aerospace engineering program has the following program educational objectives:

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or another field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within their organization

- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate
- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<http://semte.engineering.asu.edu/aerospace-undergraduate/>
ECG 202
semte@asu.edu
480-965-2335

Air Traffic Management, BS (TSATMBS)

Campus: Polytechnic

Program Description:

The air traffic management program provides a technical foundation in the air traffic control procedures used by air traffic controllers in air traffic control towers and air traffic control radar facilities. Students gain a strong background in aircraft operations, management skills and business principles through course work specific to air traffic control and aviation. As a part of the degree program, students are required to take courses that will qualify them to earn their airline dispatcher certificate.

This is an intensive program of classroom study and laboratory practice using state-of-the-art air traffic control simulators to enhance and reinforce classroom study. Students develop the following skills:

- analytical thinking
- clear and concise communication
- problem-solving
- teamwork

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Aviation Management and Human Factors) (MSTech) Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

To be considered for employment by the Federal Aviation Administration, graduates of the program need to be aware of minimum requirements for employment. See https://www.faa.gov/jobs/career_fields/aviation_careers/ (https://www.faa.gov/jobs/career_fields/aviation_careers/) for more information. Graduates of the program are not guaranteed employment by the Federal Aviation Administration. Students who do not have U.S. citizenship may be admitted to the program but will not be eligible for employment by the Federal Aviation Administration.

Career Opportunities:

The Federal Aviation Administration's 2015 Controller Workforce Plan has projected that the agency plans to hire more than 6,300 new controllers over the next five years to keep pace with the expected attrition rate and traffic growth. The total number of planned hires for the period of 2015-2024 is 10,241 new controllers. Increases in the volume of air traffic will require more controllers to handle the additional work. New computerized systems will assist controllers by automatically making many of the routine decisions. This will allow controllers to handle more traffic, thus increasing their productivity.

To prepare for this challenge, students receive training in the methodologies and technologies that are currently being developed for the next generation of air traffic control systems. Despite the obvious demand for new controllers in the immediate future, competition to get into the FAA-approved training programs is expected to remain intense as there generally are many more applicants than there are openings. Graduates who have met all the FAA requirements will be eligible for consideration for employment.

Contact Information:

Engineering, Ira A. Fulton Schools of
Aviation Programs
<http://poly.engineering.asu.edu/aviation/air-traffic-management-bs/>
WANER 201
technology@asu.edu
480-727-1874

Applied Computer Science, BS (TSACSBBS)

Campus: Polytechnic

Program Description:

The BS program in applied computer science provides students with an education that targets the computing profession. Students will learn to use mathematics, science and economics, along with technological knowledge and skill in the application of programming languages and software processes, to design, analyze, implement and test software systems and applications. The program is problem- and project-based, using the languages, tools and methods of computing best practices. Graduates gain significant exposure to team-based software development through industry-driven projects.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The current demand for software and computer hardware personnel is high, and the starting salaries for these employees are typically well above the average. Graduates find opportunities as members of an engineering team in software applications areas such as:

- databases

- embedded systems
- game development
- graphics
- mobile systems
- networks
- security
- Web applications

Contact Information:

Engineering, Ira A. Fulton Schools of
 Software Engineering
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/>
 WANER 201
cidse.advising@asu.edu
 480-965-3199

Applied Science, BAS (TSAPSBAS)

Campus: Polytechnic

Program Description:

The BAS program is a transfer pathway specifically for students who have earned a community college AAS degree. The goal of the program is to provide students with management, leadership, critical thinking and communication skills along with significant work in a professional specialization. Students must complete an Associate of Applied Science degree to be eligible for this program. AA and AS students are not eligible for this program.

This program allows students who have earned an Associate of Applied Science from a regionally accredited institution to transfer 60 or 75 credit hours toward a Bachelor of Applied Science at ASU. Students may opt to complete additional general studies course work at a community college to be eligible to transfer up to 75 credits toward the BAS. The BAS curriculum builds on the general education content of the AAS and includes four blocks of credits: general studies, core, concentration and assignable credits.

The ASU general studies requirements will be completed through upper-division course work. The BAS core curriculum includes content in management and organization, professional communication, statistical processes and computer competency. The concentration has a 20-semester hour minimum of specialization courses. The assignable credits (six semester hours) are traditional electives selected in consultation with an advisor to enhance the curriculum. Assignable credit also can be used to strengthen math and science capabilities or computer skills.

Students in the BAS program can select one of six specialty concentrations shown below. Students who choose to create their own specialty should select the courses in conjunction with an advisor.

- aviation management technology
- electronic and energy systems
- graphic information technology
- Internet and Web development
- manufacturing technology and management
- operations management technology

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: ASC 315 - Numeracy in Technology

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Career Opportunities:

The wide range of concentrations provides graduates diverse career opportunities. Bachelor's degree program course work gives the graduate greater skills to be successful as a professional working in a technical area. Graduates have the ability to supervise and manage people in highly specialized technical and service industry positions.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<http://poly.engineering.asu.edu/degrees/undergraduate-degrees/applied-science/>
WANER 201
technology@asu.edu
480-727-1874

Applied Science (Aviation), BAS (TSAMTABAS)

Campus: Polytechnic

Program Description:

This program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college can transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

The concentration in aviation is for students who have received training and education in some aspect of the air transportation industry, such as air transportation management, flight or aviation maintenance, as part of their associate degree.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: ASC 315 - Numeracy in Tech

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. Not available for freshmen.

Career Opportunities:

Students receive an orientation in management practices that prepares them for advanced positions in the aviation management field.

Contact Information:

Engineering, Ira A. Fulton Schools of
Aviation Programs
<https://poly.engineering.asu.edu/aviation/>
WANER 201
technology@asu.edu
480-727-1874

Applied Science (Electronic Energy Systems), BAS (TSEESBAS)

Campus: Polytechnic

Program Description:

The BAS program is flexible, designed specifically for students who have earned an AAS from a regionally accredited institution.

The electronic and energy systems concentration serves students with an electronics background via three paths or emphasis areas: alternative energy, electronic systems and integrated electronic systems (focused on the semiconductor industry).

The alternative energy technologies emphasis explores various alternative energy resources. This program provides hands-on laboratory experience on energy conversion and storage technologies, including photovoltaics, fuel cells, batteries, electrolyzers and supercapacitors.

The electronic systems emphasis allows students to continue to develop a knowledge of electrical and electronic fundamentals, with an applications perspective and a focus on the general topics of microcontrollers and advanced digital controllers and how these are used in industry.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Career Opportunities:

Graduates from the alternative energy emphasis are able to work in a number of different companies involved in alternative energy. These companies may be traditional energy production companies expanding into new production technologies or start-up companies involved in solar energy or fuel cells.

Graduates from the electronic systems emphasis are able to work as members of engineering teams in applied design, product development, manufacturing, production or operations. They may also be employed in technical services capacities, including field engineering, marketing or sales.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Applied Science (Graphic Information Technology), BAS (TSGITBAS)

Campus: Polytechnic

Program Description:

The BAS program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college can transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

This concentration in graphic information technology prepares graduates in the cross-media graphic industry that includes:

- commercial photography and video
- digital design, print and publishing
- Web design and development

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Graphic Information Technology) (MSTech)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students applying to this program must have completed an Associate of Applied Science degree in computer graphic design, digital arts, digital photography, eLearning design specialist, game technology, graphic design, animation and Web publishing design, graphic design: visual communication, information technology; Web and graphic design, media arts; desktop publishing, media art; Web design, multimedia, multimedia and business technology, and video production technology.

Career Opportunities:

Because the program combines technical course work with management content, graduates are prepared to assume supervisory positions such as:

- art director
- client support specialist
- commercial photographer or videographer
- graphic designer
- production manager
- user interface designer
- Web designer

The Web design and development focus area prepares graduates for careers in website design.

The digital design, print and publishing focus area prepares graduates for lead technical and management positions in print, imaging and digital publishing.

The commercial photography and video focus area prepares students for commercial photography, videography and 2-D to 3-D interactive communications.

Contact Information:

Engineering, Ira A. Fulton Schools of

Graphic Information Technology

<http://poly.engineering.asu.edu/git/bas-graphic-information-technology/>

WANER 201

technology@asu.edu

480-727-1874

Applied Science (Internet and Web Development), BAS (TSIWDBAS)

Campus: Polytechnic, Online

Program Description:

The BAS program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college can transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

The concentration in Web design and development focuses on the development of web sites, including user experience design, usability, multimedia design, emerging Web technologies, and cross-media and cross-platform graphic applications. All courses for this program are available both on campus and online through ASU Online.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Graphic Information Technology) (MSTech) Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students applying to this program must have completed an Associate of Applied Science degree in Web design, Web development, media arts; digital animation, media arts; Web design, Web developer, Web designer, and graphic design, animation, and Web publishing design.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-applied-science-internet-and-web-development?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

This degree prepares graduates for careers in website design and development.

Contact Information:

Engineering, Ira A. Fulton Schools of

Graphic Information Technology

<http://poly.engineering.asu.edu/git/bas-internet-and-web-development/>

WANER 201

technology@asu.edu

480-727-1874

Applied Science (Manufacturing Technology and Management), BAS (TSMETFBAS)

Campus: Polytechnic

Program Description:

The BAS program is a flexible, 60 credit hour degree designed specifically for students who have earned an AAS from a regionally accredited institution.

The manufacturing technology and management concentration provides a broad understanding of the complex world of manufacturing.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. Not available for freshmen.

Career Opportunities:

Typically, students who graduate with this bachelor's degree concentration work in manufacturing, production or operations.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Applied Science (Operations Management), BAS (TSIMCOBAS)

Campus: Polytechnic, The Gila Valley, CAC, Online

Program Description:

The BAS program in operations management prepares students for supervisory and management functions in industry, manufacturing, public service and other service organizations. Program graduates provide strategic focus to implement best practices, manage people and create value to meet organizational objectives.

This program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college can transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

Arizona State University has established partnerships with Central Arizona College and Eastern Arizona College that will allow students to complete their associate degree at CAC or EAC and then pursue this bachelor's degree through classes delivered on the EAC Thatcher campus or at CAC in Pinal county. Visit <https://transfer.asu.edu/eac> (<https://transfer.asu.edu/eac>) for more information about ASU degrees offered at Eastern Arizona College Thatcher campus or <https://transfer.asu.edu/cac> (<https://transfer.asu.edu/eac>) for degrees offered at Central Arizona College. View the check sheet for this program at EAC here: https://catalog.asu.edu/files/majormap16/TSIMCOBAS_2016_EAC.pdf (https://catalog.asu.edu/files/majormap16/TSIMCOBAS_2016_EAC.pdf).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: ASC 315 - Numeracy in Tech
Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-applied-science-operations-management-technology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Dine College (Dine College)

Career Opportunities:

The bachelor's degree program in operations management technology prepares undergraduate students for supervisory and management functions in industry, manufacturing, public service and other service organizations.

Contact Information:

Engineering, Ira A. Fulton Schools of

Tech Entrepreneurship & Mgmt

<http://poly.engineering.asu.edu/tem/>

WANER 201

technology@asu.edu

480-727-1874

Applied Science (Software and Computing Systems), BAS (TSCSTBAS)

Campus: Polytechnic

Program Description:

The BAS program with a concentration in software and computing systems is a 60 credit hour degree designed specifically for students who have earned an AAS from a regionally accredited institution in a computing area. Students are expected to have an AAS with course work in object-oriented programming, data structures, computer organization, and assembly language programming. to enroll in upper-division major courses. The program requires upper-division course work and laboratories, and culminates in a capstone senior project.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Career Opportunities:

The program exposes students to advanced concepts and critical thinking skills that prepare them for expanded career opportunities and professional advancement. Graduates from this concentration are prepared to work in systems administration and cybersecurity for Internet and telecommunication companies, a wide variety of information technology providers, and information technology centers within most midsize to large corporations. Demand for graduates with these skills continues to rise even while the job market in many other areas is stagnant or declining.

Contact Information:

Engineering, Ira A. Fulton Schools of
Software Engineering
<http://cidse.engineering.asu.edu/>
WANER 201
cidse.advising@asu.edu
480-965-3199

Biomedical Engineering, BSE (ESBMEBSE)

Campus: Tempe

Program Description:

Biomedical engineering applies principles of engineering to the study and resolution of problems in biology and medicine.

Our graduates are trained to apply their skills in an ethical, sustainable and environmentally responsible manner to make contributions that address societal and individual needs.

Our objective is to prepare high-quality graduates with a broad-based education in biomedical engineering:

- for productive employment, graduate study or professional programs, especially in human and animal medicine, biotechnology and related biology-based engineering fields
- who continue to develop technical knowledge, awareness and leadership abilities so they may address domestic or global issues in human health
- who will ethically and responsibly contribute to society by drawing from an integrated, transdisciplinary biomedical engineering education that focuses on sustainability and environmentalism

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Biomedical Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Biomedical engineers are primarily employed in:

- governmental regulatory agencies
- hospital and research facilities
- medical and educational institutions
- the medical device, biotechnology and pharmaceutical industries

In industry, they may work in all aspects of product development including:

- business development
- manufacturing
- marketing
- quality
- regulatory
- research and design
- sales

Because of their background in both the engineering and medical fields, they often serve a coordinating or interfacing function and provide a key role for transdisciplinary teams. Government positions may involve:

- evaluating new technologies
- product testing and safety
- setting standards

In the hospital, biomedical engineers serving in a clinical engineering function may provide advice on the selection and use of medical equipment and supervise performance testing and maintenance. Biomedical engineers may also build customized devices for special health care, rehabilitation or research needs.

Contact Information:

Engineering, Ira A. Fulton Schools of
Harrington Bioengineering Program

<http://sbhse.engineering.asu.edu/>
ECG 334
sbhse-advising@asu.edu
480-965-3028

Chemical Engineering, BSE (ESCHEBSE)

Campus: Tempe

Program Description:

Chemical engineering deals with the application of chemistry, physics and mathematics to the process of converting raw materials or chemicals into more useful or valuable forms. Chemical engineering also involves the design of valuable new materials and chemical products.

The BSE offered in the chemical engineering program builds on a broad base of knowledge within the basic and mathematical sciences and engineering, and it offers excellent career opportunities. Chemical engineers are engaged in the development and production of a diverse range of products, including high-performance materials needed for aerospace, automotive, biomedical, electronic, environmental and military applications. The modern discipline of chemical engineering is intertwined with biology and biomedical engineering.

This program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Chemical Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and

- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Chemical engineers have traditionally played a key role in industries as varied as:

- artificial fibers
- ceramics
- food
- glass
- petrochemicals
- petroleum
- plastics
- primary metals
- specialty chemicals

There are also many newer fields with great demand for chemical engineering graduates, such as: semiconductors, biotechnology, biomedical engineering, modern materials (composites, superconductors) and the solution of environmental problems.

Contact Information:

Engineering, Ira A. Fulton Schools of
Chemical Engineering Program
<https://semte.engineering.asu.edu/chemical-undergraduate/>
ECG 202
semte@asu.edu
480-965-2335

Civil Engineering, BSE (ESCEEBS)

Campus: Tempe

Program Description:

Civil engineering majors in the Ira A. Fulton Schools of Engineering have three choices within the accredited BSE program:

- civil engineering
- civil engineering with environmental engineering concentration
- civil engineering with sustainable engineering concentration

The first choice allows students to choose among design and technical elective courses in their senior year. The other choices specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Civil engineering involves the analysis, planning, design, construction, maintenance and application of sustainable practices in all areas of urban infrastructure for government, commerce, industry and the public domain. These include:

- airports
- bridges
- canals
- dams
- factories
- office towers
- roadway systems
- schools
- tunnels and subway systems
- water purification facilities

Civil engineers are concerned with the impact their projects have on the public and the environment; they coordinate the needs of society with technical and economic feasibility.

The curriculum exposes students to the following areas of civil engineering, with a strong emphasis on sustainability:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structures
- transportation

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Civil, Environmental and Sustainable Engineering (MSE)
- Civil, Environmental, and Sustainable Engineering (MS)
- Construction Engineering (MSE)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and

- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

ASU graduates with a bachelor's degree in civil engineering readily find employment. Civil engineers work in many different types of companies, from large corporations to small, private consulting firms or governmental agencies. A civil engineering background is an excellent foundation for jobs in management and public service. Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business. The bachelor's degree prepares graduates for the fundamentals of engineering examination, the professional engineering examination and graduate degrees.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<http://ssebe.engineering.asu.edu/prospective-students/civil.html>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Environmental Engineering), BSE (ESCEEEBSE)

Campus: Tempe

Program Description:

Civil engineering majors have three choices within the accredited BSE program:

- civil engineering
- civil engineering with environmental engineering concentration
- civil engineering with sustainable engineering concentration

The first choice allows students to choose among design and technical elective courses in their senior year. The other choices specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

The bachelor's degree in civil engineering with a concentration in environmental engineering is a transdisciplinary field based on traditional civil engineering principles, chemistry, biology and geology. Environmental engineers are involved with:

- air pollution technology
- analysis of the fate and transport of pollutants
- application of sustainable practices in all areas of urban infrastructure
- construction of hazardous waste containment systems
- design and operation of water and wastewater treatment systems
- remediation of contaminated soils and waters
- surface water quality management
- water conservation and reuse

The curriculum also exposes students to other traditional civil engineering areas.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Civil, Environmental and Sustainable Engineering (MSE)
- Civil, Environmental, and Sustainable Engineering (MS)
- Construction Engineering (MSE)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

ASU graduates with a bachelor's degree in civil engineering with a concentration in environmental engineering find employment in:

- consulting firms
- industry
- municipalities
- regulatory agencies

The growth of environmental engineering positions has been balanced by the growing number of students entering the field, resulting in a stable job market.

A civil engineering background is an excellent foundation for jobs in management and public service. International opportunities are abundant and are likely to expand. The bachelor's degree in civil engineering prepares graduates for the fundamentals of engineering examination, the professional engineering examination and graduate degrees.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<http://ssebe.engineering.asu.edu/prospective-students/civil.html>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)

Campus: Tempe

Program Description:

Civil engineering majors have three choices within the accredited BSE program:

- civil engineering
- civil engineering with environmental engineering concentration
- civil engineering with sustainable engineering concentration

The first choice allows students to choose among design and technical elective courses in their senior year. The other choices specify design and technical courses to students with minimal choices. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

The bachelor's degree in civil engineering with a concentration in sustainable engineering incorporates systems modeling and life cycle approaches to assessing the resiliency and material selection across all areas of urban infrastructure, or built environment, currently addressed within the civil engineering degree. The program is designed to provide students with exposure to material from several disciplines that comply with the principles of economic, social and ecological sustainability and apply them to traditional civil engineering areas.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Civil, Environmental and Sustainable Engineering (MSE)
- Civil, Environmental, and Sustainable Engineering (MS)
- Construction Engineering (MSE)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Many jobs are currently available that are applicable to the civil engineers with sustainable engineering concentration in different types of companies, from large corporations to small, private consulting firms or governmental agencies. Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business. The bachelor's degree in civil engineering prepares graduates for the fundamentals of engineering examination, the principles and practice of engineering examination and graduate degrees.

Contact Information:

Engineering, Ira A. Fulton Schools of
Civil, Environmental and Sustainable Eng Program
<http://ssebe.engineering.asu.edu/prospective-students/civil.html>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Computer Science, BS (ESCSEBS)

Campus: Tempe

Program Description:

Computer science professionals design, analyze and improve the quality of computer software and systems for a variety of applications, including:

- artificial intelligence
- computer vision
- graphics
- information management
- multimedia
- networking
- security

Examples of projects a computer scientist might work on include:

- computer networking
- database and information systems
- distribution processing systems
- gaming systems
- next-generation computing systems

- search engines
- software engineering
- Web services

The program focuses on the design of computers, computational processes for problem-solving, and information transfer and transformation with an emphasis on improving software and system quality, security, performance and usability. The program supports the evolution of the computing and informatics disciplines, the integration of computer and information sciences with engineering, science and other disciplines.

Accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science (Art, Media and Eng) (MS)
- Computer Science (Big Data Systems) (MCS)
- Computer Science (Big Data Systems) (MS)
- Computer Science (Biomedical Informatics) (MS)
- Computer Science (Information Assurance) (MCS)
- Computer Science (Information Assurance) (MS)
- Computer Science (MCS)
- Computer Science (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Computer science graduates secure employment in a variety of capacities ranging from computer and software design to development of information technologies. Their jobs are often distinguished by the high level of theoretical expertise applied to solving complex problems and to the creation and application of new computing technologies. Some computer science-related jobs may include:

- creating computer games and graphics systems
- designing artificial intelligence systems
- developing mobile computing applications
- developing network security applications
- discovering data management and mining solutions for large scale data analytics
- inventing and implementing more efficient computing systems for managing data and information, including information retrieval and search on the Internet

With the theoretical foundation built into the program, computer science graduates can excel in system and software development as well as in designing effective computing solutions for emerging and challenging problems in modern society. Skills in system development and research can lead to entrepreneurial activity that produces innovative computing products and services.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequirementsbscs/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Information Assurance), BS (ESCSEIBS)

Campus: Tempe

Program Description:

The BS program in computer science with a concentration in information assurance provides students with the knowledge and skills needed to build dependable and secure information systems and networks and to ensure the integrity and quality of information being stored, processed and transmitted.

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). For more information on information assurance courseware at ASU, see <http://ia.asu.edu/education.php> (<http://ia.asu.edu/education.php>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science (Art, Media and Eng) (MS)
- Computer Science (Big Data Systems) (MCS)

Computer Science (Big Data Systems) (MS)
Computer Science (Biomedical Informatics) (MS)
Computer Science (Information Assurance) (MCS)
Computer Science (Information Assurance) (MS)
Computer Science (MCS)
Computer Science (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students enrolled in the information assurance concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information on the scholarship programs, see <http://ia.asu.edu/scholarship.php> (<http://ia.asu.edu/scholarship.php>).

Graduates with a degree in computer science with an information assurance concentration find employment in a variety of capacities ranging from

computer system and software development to research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and databases
- developing secure software
- information security consulting
- secure computer and network applications

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequirementsbscs/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Science (Software Engineering), BS (ESCSESBS)

Campus: Tempe

Program Description:

The software engineering concentration is appropriate for computer science students seeking careers as software engineers. Students will learn advanced processes, methodologies and tools for developing and testing large and small software applications in emerging areas such as:

- databases
- enterprise systems
- interoperable systems
- mobile computing
- service-orientated computing

They will also learn information assurance concepts and techniques, or principles of human computer interaction and methods, for developing these applications. The curriculum prepares students to assume leadership roles in software development organizations and to practice professional standards and emerging software technology to the software engineering life-cycle activities.

Accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science (Art, Media and Eng) (MS)
- Computer Science (Big Data Systems) (MCS)
- Computer Science (Big Data Systems) (MS)
- Computer Science (Biomedical Informatics) (MS)
- Computer Science (Information Assurance) (MCS)
- Computer Science (Information Assurance) (MS)
- Computer Science (MCS)
- Computer Science (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities are strong and numerous for software engineering concentration graduates. Graduates possess the knowledge and skills to work across the spectrum of software development process activities including:

- architecture
- coding
- project management
- quality assurance
- requirements engineering
- testing

Careers include:

- software analyst
- software architect
- software engineer
- software task leader
- software tester

Software engineering concentration graduates find employment in large and small organizations that develop, deploy and manage software systems. They work on all types of projects that include large, complex engineering systems; distributed banking; financial and government software; and gaming.

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-science-bs/degreerequirementsbscs/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Systems (Computer Hardware Technology), BS (TSCSTHBS)

Campus: Polytechnic

Program Description:

The computer hardware technology concentration under the BS in computer systems offers students the opportunity to develop knowledge and skills in the broad area of digital systems, computer hardware and computer network applications. Current computing industry needs drive the program's curriculum. The computer systems program uses mathematics, science and economics along with technological knowledge and skill in the application of programming languages, computer hardware, operating systems and networking to design, analyze, implement and test systems that integrate hardware and low-level software. The program is problem-based with exercises utilizing the languages, tools and methods of computing best practices.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates find employment opportunities as members of engineering teams working in computer hardware technology, systems development and system analysis. The current demand for highly trained software and computer hardware personnel is high, and the starting salaries for these employees are typically well above the average.

Contact Information:

Engineering, Ira A. Fulton Schools of
Software Engineering
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/>
WANER 201
cidse.advising@asu.edu
480-965-3199

Computer Systems (Embedded Systems Technology), BS (TSCSTMBS)

Campus: Polytechnic

Program Description:

The embedded systems technology concentration under the BS in computer systems provides students with the opportunity to develop knowledge and skills in the broad area of digital systems, computer hardware and computer network applications. Current computing industry needs drive the program's curriculum. The computer systems program uses mathematics, science and economics along with technological knowledge and skill in the application of programming languages, computer hardware, operating systems and networking to design, analyze, implement and test systems that integrate hardware and low-level software. The program is problem-based with exercises utilizing the languages, tools and methods of computing best practices.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates find employment opportunities as members of engineering teams working in computer embedded systems technology, systems development and system analysis. The current demand for highly trained software and computer hardware personnel is high, and the starting salaries for these employees are typically well above the average.

Contact Information:

Engineering, Ira A. Fulton Schools of

Software Engineering

<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/>

WANER 201

cidse.advising@asu.edu

480-965-3199

Computer Systems Engineering, BSE (ESCSEBSE)

Campus: Tempe

Program Description:

The computer systems engineering program focuses on the analysis, design, testing, integration and evaluation of hardware and software systems.

The curriculum is grounded in many engineering disciplines, including the applications of science and technology to the design of:

- computer architecture
- computer security
- digital circuits
- distributed and embedded systems
- networking
- operating systems

Students engage in the design of integrated hardware and software solutions for computing, communication and control applications. They practice many aspects of engineering activities, such as the development of:

- computer networks
- embedded and ubiquitous systems
- high performance computer systems
- individual digital components

Students become skilled at interfacing different pieces of hardware and software components and integrating systems and products with new capabilities and improved quality and performance.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N**First Required Math Course:** MAT 265 - Calculus for Engineers I**Program Math Intensity:** Substantial**Accelerated Degrees:**

This degree is also offered as an accelerated degree with:

- Computer Engineering (Computer Systems) (MS)
- Computer Science (Art, Media and Eng) (MS)
- Computer Science (Big Data Systems) (MCS)
- Computer Science (Big Data Systems) (MS)
- Computer Science (Biomedical Informatics) (MS)
- Computer Science (Information Assurance) (MCS)
- Computer Science (Information Assurance) (MS)
- Computer Science (MCS)
- Computer Science (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Computer systems engineers are employed in industry, government, education and consulting firms where they engage in the design, development and operation of hardware and software systems of computer and networking equipment.

Computer systems engineers often find themselves focusing on engineering problems or challenges of emerging computer systems, from chips to device controllers, embedded systems and high performance computing servers. Their jobs usually involve the research, design and development of computer hardware and software for practical applications. Their work can result in innovative, state-of-the-art products that integrate computing and communication capabilities, such as those in:

- avionics and space vehicles
- digital television and photography
- intelligent highways and control systems for vehicles
- mobile devices and smart applications
- new apparatuses for health care and for the sight-impaired or others with physical disabilities
- security and defense systems

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-systems-engineering-bse/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Computer Systems Engineering (Information Assurance), BSE (ESCSEIBSE)

Campus: Tempe

Program Description:

The information assurance concentration in the computer systems engineering BSE degree program provides students with the knowledge and skills needed to build dependable and secure information systems and networks and to ensure the integrity and quality of the information being stored, processed and transmitted.

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). For more information on information assurance courseware at ASU, see <http://ia.asu.edu/education.php> (<http://ia.asu.edu/education.php>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Computer Science (Art, Media and Eng) (MS)
- Computer Science (Big Data Systems) (MCS)
- Computer Science (Big Data Systems) (MS)
- Computer Science (Biomedical Informatics) (MS)
- Computer Science (Information Assurance) (MCS)
- Computer Science (Information Assurance) (MS)
- Computer Science (MCS)
- Computer Science (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students enrolled in the information assurance concentration are eligible for federal fellowships such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program. For more information on the scholarship programs, see <http://ia.asu.edu/scholarship.php> (<http://ia.asu.edu/scholarship.php>).

Graduates with a degree in computer systems engineering with an information assurance concentration find employment in a variety of capacities ranging from computer systems and software development to research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and networks
- information security consulting
- information systems security engineering
- network security engineering

Contact Information:

Engineering, Ira A. Fulton Schools of
Computer Science and Engineering Program

<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/computer-systems-engineering-bse/>
BYENG 225
cidse.advising@asu.edu
480-965-3199

Construction Engineering, BSE (ESCONBSE)

Campus: Tempe

Program Description:

The BSE program in construction engineering focuses on a combination of design and management topics, preparing the student for a career in the engineering and construction industry. The program prepares students who wish to gain a professional engineering license while working at the interface of design and construction; it is attractive for students interested in a career that emphasizes construction of infrastructure. The degree makeup includes engineering design and construction management courses with a focus on sustainability and building information modeling topics. Construction management content includes:

- construction methods
- contract management
- cost and schedule control
- people management
- project estimating

The curriculum's design content includes structures, geotechnical engineering and transportation. Students are further prepared with the computer, management, technical and people skills needed to succeed. This degree is the third in the Southwestern U.S. and one of about 20 worldwide.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Construction Engineering (MSE)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer student with 24 or more transferable college credit hours must meet EITHER the primary OR secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The construction engineering graduate will be prepared to begin as a field engineer, project engineer or project designer working for:

- construction companies
- design firms
- facility owners
- material suppliers
- specialty subcontractors

The graduate will have unique skills which will allow them to take on the role of integrator in the delivery of design-build projects or development activities. As the graduate's career progresses, they should be able to take on leadership roles in the delivery of sustainable facilities in the built environment and then progress through successively higher levels of management responsibility. The graduate should be particularly attuned to design and construction of heavy civil and industrial facilities meeting the infrastructure needs of society.

Contact Information:

Engineering, Ira A. Fulton Schools of
Construction Engineering

<http://ssebe.engineering.asu.edu/prospective-students/constengineering.html>

CAVC 437

sebe.advising@asu.edu

480-965-0595

Construction Management, BS (ESCONMGTB)

Campus: Tempe

Program Description:

The BS program in construction management allows students to specialize in commercial, heavy construction, residential, specialty construction and facility management. Students learn to organize, lead and manage the building construction business processes related to real estate, facility and infrastructure projects. Construction management is the most vital function on a job site. Construction managers represent the interests of the building owner or the contractor and interact with architects, engineers, subcontractors, vendors and suppliers to ensure the success of the construction projects in the built environment. This program focuses on the business of construction and technology (such as building information modeling).

Students learn:

- the basics of design
- the construction methods specific to each type of construction (heavy, residential, commercial, specialty)
- how to estimate, schedule and control the costs of a project
- what it takes to manage the people involved and the various types of contracts
- the process of sustainable or green construction

Students are prepared with the computer, management, technical and people skills needed to succeed. This is one of two construction programs in the state of Arizona and one of approximately 80 accredited programs in the nation.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Construction Management (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The construction management 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
<http://ssebe.engineering.asu.edu/>
CAVC 437
sebe.advising@asu.edu
480-965-0595

Construction Management (Concrete Industry Management), BS (ESCONIMBS)

Campus: Tempe

Program Description:

The Del E. Webb School of Construction offers the BS in construction with a concentration in concrete industry management. Concrete industry management graduates are broadly educated, articulate managers grounded in basic construction management, who are knowledgeable about concrete technology and techniques, and are able to manage people and systems and to promote products or services in the concrete industry.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1140 SAT combined math and verbal or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1140 SAT combined math and verbal or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses), and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Career Opportunities:

The concrete industry management concentration provides a foundation for students who wish to pursue careers as project managers, estimators, schedulers or a combination of all three at an executive level. Concrete industry management career opportunities include:

- advanced mixing technology or equipment manufacturing
- cement
- concrete or general contracting
- concrete production
- development
- field sales
- operations
- project and production management
- technical service

Contact Information:

Engineering, Ira A. Fulton Schools of

Del E. Webb Construction

<http://ssebe.engineering.asu.edu/prospective-students/construction-management.html>

ECG 251

sebe.advising@asu.edu

480-965-0595

Electrical Engineering, BSE (ESEEEBSE)

Campus: Tempe, Online

Program Description:

The goal of the electrical engineering undergraduate program is to prepare graduates for positions as electrical engineers. Faculty in the Ira A. Fulton Schools of Engineering offer a BSE in electrical engineering. Following initial course work in mathematics and sciences, the foundation classes build a solid base of engineering knowledge. The electrical engineering curriculum includes a number of required upper-division electrical engineering and technical elective courses in such areas as:

- circuits
- communication, signal processing and control systems
- computer engineering
- electromagnetics
- power
- solid-state devices

Approved technical elective courses provide students with an opportunity either to broaden their background in electrical engineering or to study, in greater depth, technical subjects in which they have special interest.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Electrical Engineering (MSE)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-engineering-electrical-engineering?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates with the bachelor's degree in electrical engineering find many exciting opportunities in industry. These include:

- communication equipment and network providers
- computer and peripheral device manufacturers and defense organizations
- consulting companies
- electric power utilities
- semiconductor chip designers and manufacturers

The program also prepares graduates for continued learning experiences, either in a formal graduate program or in continuing education applications.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)

Campus: Tempe

Program Description:

The goal of the electric power and energy systems concentration is to prepare graduates for positions in industries dealing with generation, transmission and utilization of electric power. Generation includes conventional power generation (fossil fuel and nuclear) and alternative energy systems, including solar, wind and fuel cells.

Students in this program will complete the foundation courses in math, science and engineering. They are then required to take the pathway course in electric power and complete nine of the 15 technical elective credit hours with power classes. In addition, the senior design capstone project should be in the area of electric power and energy systems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Electrical Engineering (MSE)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities for graduates with a concentration in electric power and energy systems include:

- consulting engineering firms
- employment in utility companies
- entrepreneurial opportunities
- power equipment manufacturers
- research and design organizations
- state, federal and municipal agencies

This concentration will also prepare students to pursue graduate degrees in the areas of:

- power generation
- power systems
- power transmission and distribution
- renewable and sustainable energy sources

The program also prepares graduates for continued learning experiences, either in a formal graduate program or in continuing education applications.

Contact Information:

Engineering, Ira A. Fulton Schools of
Electrical Engineering Program
<http://ecee.engineering.asu.edu/>
GWC 209
askee@asu.edu
480-965-3424

Electronics Engineering Technology (Alternative Energy Technologies), BS (TSEETABS)

Campus: Polytechnic

Program Description:

The curriculum of the BS program in electronics engineering technology serves the needs of students interested in applied aspects of electronics technology. The electronics engineering technology program has a practice-based approach and uses laboratories to make electronics technology real to students. Major components of the program include:

- design
- electronics-related technical courses
- engineering science
- general education
- science and mathematics

The alternative energy technologies concentration explores the demands of energy resources in the new economy. This program strives to educate individuals in the use of energy sources such as solar, wind, ocean, geothermal and biomass and provides hands-on laboratory experience on

several energy conversion and storage technologies, including photovoltaics, fuel cells, batteries, electrolyzers and supercapacitors.

This program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates have an understanding of energy and power technology, how materials and components contribute to the performance of electronic systems, and how to exploit the power of integrated electronics to enhance productivity and technology solutions. The alternative energy technologies concentration is designed to prepare graduates for careers in alternative energy as related to electric power conditioning, control systems, electronics and instrumentation. The specific positions might include:

- application interface
- environmental and reliability analysis
- policy analysis
- process control
- system design
- technology analysis

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Electronics Engineering Technology (Electronic Systems), BS (TSEETES)

Campus: Polytechnic

Program Description:

The curriculum of the BS program in electronics engineering technology serves the needs of students interested in applied aspects of electronics technology. The electronics engineering technology program has a practice-based approach and uses laboratories to make electronics technology real to students. Major components of the program include:

- design
- electronics-related technical courses
- engineering science
- general education
- science and mathematics

The field of electronics engineering technology applies mathematics, science and economics, along with state-of-the-art electronics techniques, materials and devices to solve technological problems and to produce useful products. The concentration in electronic systems, under the BS in electronics engineering technology, allows students to develop a broad-based knowledge of electrical and electronic fundamentals with an applications perspective.

This program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates have an understanding of energy and power technology, how materials and components contribute to the performance of electronic systems, and how to exploit the power of integrated electronics to enhance productivity and technology solutions. The electronic systems concentration prepares students for careers in:

- control applications
- electronics applications
- instrumentation applications
- power systems applications

Engineering technologists typically work as members of engineering teams in:

- applied design
- manufacturing
- operations
- product development
- production

They may also be employed in technical services capacities, including:

- field engineering
- marketing
- sales

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Electronics Engineering Technology (Integrated Electronic Systems), BS (TSEETINBS)

Campus: Polytechnic

Program Description:

The curriculum of the BS program in electronics engineering technology serves the needs of students interested in applied aspects of electronics technology. The electronics engineering technology program has a practice-based approach and uses laboratories to make electronics technology real to students. Major components of the program include:

- design
- electronics-related technical courses
- engineering science
- general education
- science and mathematics

The integrated electronic systems concentration explores the processes and technology used to develop, design, manufacture and exploit integrated electronic functions on silicon, in packages and on boards. The program provides hands-on laboratory experience in integrated circuit device fabrication and manufacturing in a setting that emulates industry.

This program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates have an understanding of energy and power technology, how materials and components contribute to the performance of electronic systems, and how to exploit the power of integrated electronics to enhance productivity and technology solutions. Upon completion of this concentration, graduates are prepared for careers in the microelectronics industry. Graduates secure positions in:

- diverse scientific engineering teams
- field applications
- integrated circuit processing
- system integrators
- testing

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Engineering, BSE (TSEGRBSE)

Campus: Polytechnic

Program Description:

Engineers are creative problem-solvers who help shape the future. No profession unleashes the spirit of innovation like engineering. The ABET-accredited BSE engineering program prepares graduates to:

- collaborate across disciplines to design and build solutions to real-world problems
- design innovative products
- improve the quality of life for humankind
- provide technological leadership

In the Bachelor of Science in Engineering program, students apply engineering fundamental knowledge and design thinking to real projects every semester. Students choose a disciplinary concentration where they develop in-depth knowledge in a specific area; students also choose a secondary focus area. This flexibility allows students to tailor their education to achieve their individual career and life goals.

Students can choose from the following concentrations:

- automotive systems
- electrical systems
- humanitarian engineering
- mechanical engineering systems
- robotics

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The Bachelor of Science in Engineering program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to graduate school to pursue advanced degrees. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some students start companies of their own.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

technology@asu.edu

480-727-1874

Engineering (Automotive Systems), BSE (TSEGRASBSE)

Campus: Polytechnic

Program Description:

The BSE engineering program at ASU's Polytechnic campus is a transdisciplinary engineering program with multiple concentrations. The program allows students to learn from a problem-focused curriculum and with hands-on projects. Additionally, development of applied industry skills are integrated into the program.

Students in the automotive systems concentration will begin with a broad engineering foundation on which they develop the skills and knowledge necessary for vehicle design and testing. The concentration curriculum focuses on automotive engineering fundamentals, including powertrain

engineering and chassis system design as well as hands-on projects that involve designing, analyzing and building of actual automotive systems. Graduates in this concentration will be able to provide leadership in automotive engineering settings, especially automotive testing and hybrid propulsion systems, which are intrinsically transdisciplinary in nature.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N
Second Language Requirement: N
Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Secondary Education (Teacher Certification) (MEd). Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The Bachelor of Science in Engineering program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self motivation and adaptability that many employers seek. Graduates from the automotive concentration are prepared for employment in automotive-related companies, from large original equipment manufacturing companies and their testing grounds to smaller specialty or aftermarket companies.

Because of the transdisciplinary nature of the Bachelor of Science in Engineering, graduates also will have opportunities to perform functions that traditionally have been done by mechanical, manufacturing, automation and development engineers.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu/engineering/bse-engineering>
WANER 201
technology@asu.edu
480-727-1874

Engineering (Electrical Systems), BSE (TSEGRESBSE)

Campus: Polytechnic

Program Description:

Engineers are creative problem-solvers who help shape the future. No profession unleashes the spirit of innovation like engineering. The ABET-accredited BSE engineering program prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the BSE program, students apply engineering fundamental knowledge and design thinking to real projects every semester.

Students in the electrical systems concentration of the BSE engineering program will begin with a broad engineering foundation on which they develop the skills and knowledge necessary to contribute electrical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of sensors, actuators, microcontrollers and microprocessors, as well as integration of these components into electrical and mechatronic systems. The electrical systems curriculum also provides significant hands-on experience designing and implementing

electrical and mechatronic systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>)

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I The program also requires: MAT 266, MAT 267, MAT 275, MAT 343 for a total of 15 mathematics credits.

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Engineering (MS)

Secondary Education (Teacher Certification) (MEd)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to graduate school to pursue advanced degrees. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some students start companies of their own.

Engineers with electrical expertise are in high demand in many industry sectors, especially manufacturing, utilities, communications and defense systems. However, electronic systems also pervade the service sectors such as health care, finance, education and entertainment. Graduates from this program have the broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams, well suited for employment across a broad spectrum of engineering endeavors.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

technology@asu.edu

480-727-1874

Engineering (Humanitarian Engineering), BSE (TSEGRHEBSE)

Campus: Polytechnic

Program Description:

Engineers are creative problem-solvers who help shape the future. No profession unleashes the spirit of innovation like engineering. The BSE engineering program at ASU's Polytechnic campus allows students to learn from a problem-focused curriculum and with hands-on projects. Additionally, development of applied industry skills are integrated into the program.

Students in the humanitarian engineering concentration will begin with a broad engineering foundation on which they develop the skills and knowledge necessary to adapt water and energy systems to local and developing-world needs. They work with ASU's Global Resolve organization to learn to identify and implement appropriate technological and cultural solutions. The concentration curriculum focuses on energy and water resources. Graduates of the concentration will be positioned to work on transdisciplinary teams addressing vital engineering needs of communities in the developing world. They will have real-world experience with the challenges and opportunities inherent in this environment and impact lives by solving real problems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>)

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Secondary Education (Teacher Certification) (MEd)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The Bachelor of Science in Engineering program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self motivation and adaptability that many employers seek. The humanitarian engineering concentration prepares students for graduate school in civil engineering, sustainability, and development; it also prepares students for careers in general engineering applications, disaster relief and aid, and nongovernmental organization development work both in the U.S. and globally.

Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some students start companies or organizations of their own.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

technology@asu.edu

480-727-1874

Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)

Campus: Polytechnic

Program Description:

Engineers are creative problem-solvers who help shape the future. No profession unleashes the spirit of innovation like engineering. The ABET-accredited BSE engineering program prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the BSE program, students apply engineering fundamental knowledge and design thinking to real projects every semester.

Students in the electrical systems concentration of the BSE engineering program will begin with a broad engineering foundation on which they develop the skills and knowledge necessary to contribute mechanical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of materials, machine design, thermal fluid systems, and energy and power from a systems perspective. The mechanical systems curriculum also provides significant hands-on experience designing and implementing mechanical systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>)

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I The program also requires: MAT 266, MAT 267, MAT 275, MAT 343 for a total of 15 mathematics credits.

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Engineering (MS)

Secondary Education (Teacher Certification) (MEd)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to graduate school to pursue advanced degrees. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some students start companies of their own.

Engineers with mechanical expertise are in high demand in many different industry sectors, including agriculture, a wide variety of process industries, product development, manufacturing, and energy and defense systems. Mechanical engineers also work in close collaboration with other engineering disciplines in a wide variety of fields, including biomedical, building and construction, transportation, and aerospace. Graduates from this program have a broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams, well suited for employment across the whole spectrum of applications.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu/engineering/bse-engineering>

WANER 201

technology@asu.edu

480-727-1874

Engineering (Robotics), BSE (TSEGRRBSE)

Campus: Polytechnic

Program Description:

Engineers are creative problem-solvers who help shape the future. No profession unleashes the spirit of innovation like engineering. The ABET-accredited BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems. In the BSE program, students apply engineering fundamental knowledge and design thinking to real projects every semester.

Students in the robotics concentration of the BSE engineering program will begin with a broad engineering foundation on which they develop the skills and knowledge necessary to contribute robotics subject matter expertise in transdisciplinary engineering teams. This expertise includes electromechanical systems, sensor and actuator integration, embedded digital systems application, and design and analysis of dynamic systems. The robotics curriculum also provides significant hands-on experience designing and implementing robotics systems to meet the needs of users.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>)

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I The program also requires: MAT 266, MAT 267, MAT 275, MAT 343 for a total of 15 mathematics credits.

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Engineering (MS)

Secondary Education (Teacher Certification) (MEd)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication; teamwork and collaboration; and self motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to graduate school to pursue advanced degrees. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some students start companies of their own.

Robotics are playing an increasingly important role in many different industries, including manufacturing, automotive, defense systems, biomedical devices and aerospace. Graduates from this program have a broad base of technical knowledge in the design and implementation of electro-mechanical systems. In addition, they have the operational and communication skills that make them invaluable members of multidisciplinary engineering teams, well suited for employment across the whole spectrum of applications.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu/engineering/bse-engineering/>

WANER 201

technology@asu.edu
480-727-1874

Engineering Exploration, (TSEGRPRE)

Campus: Tempe

Program Description:

Engineering exploration provides an opportunity for students: to become aware of the diverse engineering and technology related programs within the Ira A. Fulton Schools of Engineering on both the Tempe and Polytechnic campuses; to develop the knowledge and skills to succeed at ASU; and to develop the confidence and motivation to select a Fulton Schools major to transfer into. Engineering exploration is not a degree-granting program. Students in the exploration program may transfer into a Fulton Schools degree-granting program once they meet the published transfer admission requirements for their desired program. All students will be required to change their major at the end of three semesters.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Prospective students may not apply to the engineering exploration program. Freshman applicants to Ira A. Fulton Schools of Engineering programs will be considered for engineering exploration if they are not admitted to their first choice. Please contact Engineering@asu.edu (mailto:engineering@asu.edu) for questions regarding admission and program eligibility.

Career Opportunities:

Since this program does not grant a degree, students must choose a major for degree completion. Career opportunities are specific to the ultimate major of choice.

Contact Information:

Engineering, Ira A. Fulton Schools of
Dean, Ira A. Fulton Schools of Engineering
<http://engineering.asu.edu>
BYENG 697BA
engineering@asu.edu
480-965-1726

Engineering Management, BSE (ESEMGBSE)

Campus: Tempe, Online

Program Description:

The program in engineering management is designed to provide the graduate with skills for effective management and leadership of engineering-driven enterprises. The curriculum provides a breadth of engineering science and design with depth in one specific area suitable for practice. This knowledge is augmented with an understanding of business practices, organizational behavior and management skills to enable the graduate to succeed in the management of a scientific or engineering enterprise. Topics covered include project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management, in addition to product design and process development. The graduate will leave with a deep understanding of at least one industry sector based upon the focus area courses selected by the student.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Concurrent Degrees:

This degree is also offered as concurrent degree with Economics, BS

Accelerated Degrees:

This degree is also offered as an accelerated degree with Industrial Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission requirements for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission requirements.

Students should select a second major choice when applying for admission to a degree program in the Ira A. Fulton Schools of Engineering.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <https://students.asu.edu/international/future/undergrad> (<https://students.asu.edu/international/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- Admission may be granted with one deficiency in no more than two competency (<https://students.asu.edu/admission/competencies>) areas. Deficiencies in both math and laboratory science are not acceptable.

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- if Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency (<https://students.asu.edu/admission/competencies>) areas. Deficiencies in both math and laboratory science are not acceptable.

Concurrent degree admission requirements: Engineering Management, BSE and Economics, BS:

- minimum 1250 SAT combined evidence-based reading and writing plus math score (650 minimum on SAT math) or minimum 29 ACT combined score (29 minimum on ACT math), and
- 3.00 minimum ABOR GPA

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/engineering-engineering-management-bse?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The engineering management graduate will be prepared to begin as a:

- production supervisor
- project management team member or lead
- supply logistics engineer
- system specification and customer relationship management specialist or similar role

The graduate will be ready to progress through successively higher levels of management responsibility.

Contact Information:

Engineering, Ira A. Fulton Schools of
Industrial, Systems & Operations Engineering Prgm
[http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/engineering-management-bse/
BYENG 225](http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/engineering-management-bse/BYENG225)
cidse.advising@asu.edu
480-965-3199

Environmental and Resource Management, BS (TSETMBS)

Campus: Polytechnic

Program Description:

The BS program in environmental and resource management provides critical scientific and management skills for graduates who will work in industry or government to ensure the health of natural ecosystems and mitigate the environmental impact of our industrial world. The curriculum combines a strong foundation in biology, chemistry, physics and mathematics, with a solid grounding in environmental law and policy. Students learn to apply environmental technologies to drinking water and wastewater treatment, management of hazardous and solid wastes, and control of industrial and mobile sources of air pollution. They study OSHA regulations on health and safety and strategies to protect workers in hazardous environments. International environmental issues and legal frameworks are included along with U.S. environmental laws. Graduates with these skills are in high demand and can find work in industry, governmental management and regulatory agencies, or in policy-making organizations.

An accelerated BS/MS degree option is available in which up to nine hours of the bachelor's degree may be applied toward the 33 hours required for the master's degree in environmental and resource management. A special application is required for this option.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Environmental and Resource Management (MS)

Technology (Environmental Technology Management) (MSTech)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)
Coconino Community College (<http://transfer.asu.edu/coconino>)
Cochise College (<http://transfer.asu.edu/cochise>)
Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
Mohave Community College (<http://transfer.asu.edu/mohave>)
Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Career Opportunities:

Graduates are firmly grounded in the scientific, technical and legal problems facing environmental managers in today's business climate. They are prepared to be environmental, 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 laboratories at pharmaceutical companies, water treatment plants, or academic labs. 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
<http://poly.engineering.asu.edu/erm>
WANER 201
technology@asu.edu
480-727-1874

Graphic Information Technology, BS (TSGITBS)

Campus: Polytechnic, Online

Program Description:

The cross-media nature of the graphic information industry requires tomorrow's graduates to understand the full spectrum of graphic technology, publishing processes and current business practices. The BS program in graphic information technology is preparation for a seamless career as a graphic technologist encompassing Web design and development, printing and digital publishing, commercial photography and videography, and 2D-3D animation. This is an intensive program of study emphasizing theory and hands-on laboratory practice. Students develop the following skills:

- commercial photography and videography
- digital document and app design
- multimedia and interactive technologies
- premedia, digital publishing and print technologies
- project and content management
- technical imaging
- user experience design
- Web design and development

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree with Journalism and Mass Communication, BA

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Graphic Information Technology) (MSTech)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 960 SAT Reasoning (or 1040 if taken prior to March 5, 2016) or 22 ACT score

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

ASU students:

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective general studies requirements.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-graphic-information-technology-concentration?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

Graphic information technology prepares graduates for technical and management positions in the graphics industry in such diverse areas as:

- commercial photography and videography
- management of graphic information assets
- planning and evaluation of print, Internet, multimedia and computer-based communication
- premedia, digital printing and publishing
- quality assurance of graphic products
- technical and digital media production
- Web design and development

Contact Information:

Engineering, Ira A. Fulton Schools of

Graphic Information Technology

<http://poly.engineering.asu.edu/git/bs-graphic-information-technology>

WANER 201

technology@asu.edu

480-727-1874

Graphic Information Technology (Gaming), BS (TSGITGBS)

Campus: Polytechnic

Program Description:

The cross-media nature of the graphic information industry requires tomorrow's graduates to understand the full spectrum of graphic technology, reproduction processes and current business practices. The BS program in graphic information technology prepares graduates for a seamless career as a graphic technologist encompassing Web development and Internet technologies, printing and digital publishing, and commercial and technical imaging, and gaming technologies. Graduates of the BS in graphic information technology with a concentration in gaming will be able to critically analyze, design and develop the various game appearance and art assets needed to create video games. Students will learn and apply the latest game visual development skills, tools and technologies. Students develop the following skills:

- commercial photography and videography
- document design
- gaming and simulation technologies
- multimedia and interactive technologies
- premedia, digital publishing and print technologies

- project and content management
- technical imaging
- user experience design
- Web design and development

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Technology (Graphic Information Technology) (MSTech)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from the video game art focus may work on PC, mobile apps and console video games as modelers, texture artists for characters and environments, as well as character animators and riggers.

Graduates with a concentration in gaming will find employment in a variety of capacities ranging from computer and software design to graphic design and graphics arts. Students specializing in video game production are skilled at asset management, 3D rendering and animation including technically challenging tasks like skinning, rigging and texturing for game asset production. Salaries can range from \$50,000 to \$125,000 per year depending on experience and market demand.

Contact Information:

Engineering, Ira A. Fulton Schools of

Graphic Information Technology

<http://innovation.asu.edu/git>

WANER 201

technology@asu.edu

480-727-1874

Human Systems Engineering, BS (ESHSEBS)

Campus: Polytechnic

Program Description:

The BS program in human systems engineering provides students with the theoretical background and methodological skills to design and build technology and systems for humans that place the human at the center. The bachelor's degree program in human systems engineering is a unique blend of psychology and engineering offered by psychologists in an engineering college. By extending psychology (cognitive, physiological, perceptual, social, organizational) to engineering problems, the program will produce students well-grounded in psychological science, and students will be capable of understanding the implications of this science for engineering endeavors.

Human systems engineering skills are increasingly valued by industry, yet are not typically covered in traditional psychology or engineering programs. Students with a major or a minor in human systems engineering will enhance their employment potential.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Human Systems Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The human systems engineering program prepares students for industry and government positions in a career such as a:

- game designer
- human factors engineer
- human systems integrator
- interface designer
- user experience designer

Graduates may work as a member of a product or system design team.

Contact Information:

Engineering, Ira A. Fulton Schools of

Human Systems Engineering

<http://poly.engineering.asu.edu/hse/>

WANER 240J

technology@asu.edu

480-727-1874

Industrial Engineering, BSE (ESIEEBSE)

Campus: Tempe

Program Description:

Industrial engineering is concerned with the design, improvement, installation and operation of integrated systems of people, materials, information, equipment and energy. The purpose is to determine efficient ways to make a product or to provide a service. Industrial engineering draws upon specialized knowledge and skill in the mathematical, physical and social sciences together with the principles and methods of engineering analysis and design.

The underlying concepts of industrial engineering include certain business principles but emphasizes the use of mathematics and information technology to build models to describe, understand and optimize system performance. Depending on the subspecialties involved and the intended application, industrial engineering may also be known as operations management, management science, operations research, systems engineering or manufacturing engineering.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Industrial Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates in industrial engineering are prepared to design and manage systems for a wide range of organizations. They find exciting career opportunities in all types of manufacturing and service industries, including:

- banking and finance
- defense and government

- health care
- hospitality, sports and entertainment
- management consulting
- manufacturing (e.g., aerospace, automotive, semiconductor)
- software industry
- telecommunication
- transportation and logistics

Contact Information:

Engineering, Ira A. Fulton Schools of
 Industrial, Systems & Operations Engineering Prgm
<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/industrial-engineering-bse/degreerequirementsbseie/>
 BYENG 225
 cidse.advising@asu.edu
 480-965-3199

Industrial and Organizational Psychology, BS (ECPSYBS)

Campus: Polytechnic

Program Description:

Americans spend more than 54 percent of their waking hours at work. As a result, students who want to make a real impact on peoples' lives are beginning to focus on the psychology of work. Industrial and organizational psychology helps organizations identify the right job candidates to hire, determine the best job fit for each worker, design enjoyable and effective workplaces, and determine appropriate the work-life balance for employees in the organization. Finally, one specialty, human factors, focuses on designing tools and products that are easy to use and reduce human error.

In addition to strong education in human learning, memory, emotion, judgment and social psychology, which prepare students for employment or graduate school, students can choose to focus in two of five focus areas:

- consumer psychology
- human resources and organizational behavior
- human systems engineering
- learning technology
- user experience

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Human Systems Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
 Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
 Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Some students pursue master's or doctoral degrees, but many career opportunities exist for graduates with bachelor's degrees, especially in the areas of human resources, human factors design, user experience and consumer behavior.

We routinely place our qualified undergraduate students in internships in leading companies or government agencies in the fields of technology, transportation, training, defense and health care. According to the 2012 Occupational Outlook Handbook, published by the U.S. Department of Labor, industrial and organizational psychology is one of the best-paying specialties in psychology, and demand for industrial and organizational psychologists is growing at a rate of about 29 percent annually.

Contact Information:

Engineering, Ira A. Fulton Schools of
Human Systems Engineering
<https://poly.engineering.asu.edu/hse/industrial-and-organizational-psychology>
WANER 201
technology@asu.edu
480-727-1874

Informatics, BS (ESCPIBS)

Campus: Tempe

Program Description:

Informatics is about discovering, developing and understanding computer applications that improve people's lives. The BS informatics program prepares skilled professionals who take a transdisciplinary, user-oriented perspective toward information and computing systems, apply current informatics methods to address society's needs, and contribute to the next generation of such systems.

The informatics bachelor's program provides an option for students interested in a flexible program in applied information and computing technologies. The program provides skills in design and implementation of computer systems while offering opportunities for building applications used by people in many fields. Students learn to develop software for devices of all sizes, from supercomputers to cell phones and even smaller. The challenges of informatics include designing, developing, and applying tools that model, aid or automate activities within science, engineering, business, geography, education and entertainment.

Informatics careers center on solving problems through the design and creation of information systems, user interfaces, mobile technologies and social media.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission requirements for a Bachelor of Science in informatics are higher than minimum university admission requirements. Students should select a second major choice when applying for admission to a degree program in the Ira A. Fulton Schools of Engineering.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://students.asu.edu/international-admission>) and admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT

combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and

- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed.

Transfer students with fewer than 24 transferable college credit hours:

- Minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class.

Transfer students with more than 24 transferable college credit hours:

Primary Criteria

- Minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed (if Admission Services requires submission of a high school transcript).

Secondary Criteria

- Minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- Minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Career Opportunities:

A graduate of this ASU informatics program has the ability to develop future information technology solutions that place a strong emphasis on user needs and provide the ability to adapt and change dynamically with society's needs. This makes the informatician a strong candidate for jobs in:

- management consulting firms
- technology research centers
- technology start-ups

Additionally, the program prepares students for graduate programs that offer an emphasis in emerging technologies.

Contact Information:

Engineering, Ira A. Fulton Schools of

Computer Science and Engineering Program

<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/informatics-bs/degreerequirementsbsinform/>

BYENG 225

cidse.advising@asu.edu

480-965-3199

Information Technology, BS (TSIFTBS)

Campus: Polytechnic, Online

Program Description:

Information technology is for those who want to be responsible for designing or architecting, selecting, implementing and managing computer-based information solutions. The information technology graduate can design and create effective networking technology solutions to today's knowledge-based problems. Graduates design and create network architectures, configure and administer complex computer and database systems, analyze security issues, and support enterprise usage involving information technology. In the bachelor's degree program in information technology, students will create project solutions to hone technical, team and personal development and presentation skills. Integrated laboratory and lecture courses are used to provide students with the necessary skills to become valued contributors within any organization in an information technology role. In addition to selecting a primary focus area (networking and security, databases or enterprise computing), students will be able to create their own secondary focus area that meets their specific career objectives. Each undergraduate student is required to successfully complete an industry-based capstone project prior to graduation.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Information Technology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-information-technology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

Graduates of the information technology bachelor's degree program are well qualified for careers in any IT discipline. This degree couples technical skills with the business skills needed to develop, create or manage technical functions. Some graduates may pursue careers as technical support staff or security analysts based on the focus area and secondary skills they achieve.

Graduates will have the ability to support and lead technical professionals in three focus areas:

Networking and security - This focus area explores the tools, frameworks, technologies and processes underlying the design, development, deployment and support of computer networks. This includes a background that embraces confidentiality, integrity and availability in networking architectures and security analysis.

Databases- This focus area provides the graduate with the concepts associated with database structure, including cloud computing, database security and control, structured query language programming, and database management systems.

Enterprise computing - This focus area provides students with an understanding of the enterprise and how information technology is used to further business interests. It includes many aspects of using technology to support the overall enterprise, including operations, funding and promotion. Students will learn how technology can be used in business strategy and creating innovative new ways to support business.

Contact Information:

Engineering, Ira A. Fulton Schools of
Information Technology

<http://poly.engineering.asu.edu/it/>

WANER 201

technology@asu.edu

480-727-1874

Manufacturing Engineering, BS (TSMEGRBS)

Campus: Polytechnic

Program Description:

Successful manufacturing enterprises balance design, sustainability and quality with production to prosper in the global marketplace. Manufacturing engineering combines manufacturing processes (e.g., how materials are altered in either shape or properties) and the processes of manufacturing (e.g., design and management of manufacturing systems).

The BS program in manufacturing engineering prepares graduates to:

- analyze, synthesize and control manufacturing operations using statistical methods
- collaborate across disciplines to design and build solutions to real-world problems
- design innovative products and the equipment, tooling and environments necessary for their manufacture
- model, simulate and analyze manufacturing production processes for both small- and large-scale environments
- provide technological leadership

The curriculum is project-based, hands-on, teamwork-oriented and delivered in outstanding fabrication facilities. Graduates of this program will become key team members who will create and implement processes for making such varied products as airplanes, surgical instrument, toys and foodstuffs.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The BSE program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies, small businesses, as well as to go on to graduate school to pursue advanced degrees. Due to the emphasis on design and project-based learning, the program supports an entrepreneurial spirit, and some students start companies of their own.

Graduates typically work as manufacturing engineers in a variety of companies, large and small. They are often members of design and development teams, cooperating with other people within and outside of their company. Career employment opportunities include direct manufacturing support, manufacturing management and quality control and assurance in large and midsized, established manufacturing companies. Due to a strong, broad and practical engineering skill set, graduates are also highly valuable in small companies or new startup companies. Our graduates are well placed and command top salaries in their engineering careers.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu/engineering/manufacturing-engineering/>

WANER 201

technology@asu.edu

480-727-1874

Manufacturing Engineering Technology (Mechanical), BS (TSMETMBS)

Campus: Polytechnic

Program Description:

Manufacturing is in a period of dramatic transformation. Future manufacturing will involve a global supply network to enable innovation, design and integration of products and services. At its core, manufacturing engineering is about creating and delivering products and services that have value to customers and society.

Manufacturing engineers are key team members in the production of products such as automobiles, airplanes, electronic devices, surgical

instruments, toys, building products and foodstuffs. Manufacturing engineers design the processes to make products with the required functionality, to desired quality standards, based on customers needs, at the best possible price and in environmentally-friendly ways. The manufacturing curriculum is project-based and provides students a hands-on, team-based learning environment. The manufacturing program has outstanding fabrication facilities that are a hallmark of the program.

The program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates typically work as manufacturing engineers in a variety of companies, large and small. They are often members of design and development teams, cooperating with other people in and outside of their company. Career employment opportunities include:

- direct manufacturing support
- manufacturing management
- quality control and assurance

Due to a strong, practical engineering skill set, graduates are valuable in small companies or new start-up companies. Our graduates are well placed and command top salaries in their engineering careers.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<http://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Materials Science and Engineering, BSE (ESMSEBSE)

Campus: Tempe

Program Description:

Materials engineers are responsible for designing and developing new and improved materials for a wide variety of engineering applications. The faculty in the Ira A. Fulton Schools of Engineering offer a BSE in materials science and engineering. Courses in materials teach students about the design of materials and how to process them to improve their structure, properties and performance.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Materials Science and Engineering (MS)

Nanoscience (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad> (<http://global.asu.edu/future/undergrad>)) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Materials engineers are in demand in a wide range of industries and professions, including:

- aerospace
- automotive
- computer
- electronics
- energy
- health care

- microelectronics

The career paths in these industries offer opportunities to impact technological advances through working in a team environment with engineers from the chemical, electrical, mechanical, aerospace and other engineering disciplines.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Materials Science and Engineering Program
<http://semte.engineering.asu.edu/materials-science-undergraduate/>
 ECG 202
 semte@asu.edu
 480-965-2335

Mechanical Engineering, BSE (ESMAEMBSE)

Campus: Tempe

Program Description:

Mechanical engineering is a creative, diverse discipline. Mechanical engineers design, build and control the devices, machines, processes and systems that are the mainstay of modern industrialized society.

Students are prepared for a career in mechanical engineering through a curriculum that includes study of the principles governing energy transfer, mechanical design, sensors and control devices and the application of these principles to the creative solution of practical modern problems.

This program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Aerospace Engineering (MS)
- Mechanical Engineering (MS)
- Solar Energy Engineering and Commercialization (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates. Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research, in generating creative design and development, and in the production, control, management and sales of the devices and systems needed by society.

The mechanical engineering program has the following program educational objectives:

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)

- admission into a graduate degree program in mechanical engineering or other technical field.
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate
- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-undergraduate/>
 ECG 202
 semte@asu.edu
 480-965-2335

Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)

Campus: Tempe

Program Description:

As mathematical and numerical modeling takes on a much larger role in product development, graduates who are highly skilled in computational and mathematical engineering will be in high demand. The concentration in computational mechanics, under the BSE in mechanical engineering, is designed to teach students the modern computational tools available for solving large-scale and complex technical problems. The curriculum focuses on high-performance computing and the accurate modeling of large and small scale systems.

This program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Aerospace Engineering (MS)
- Mechanical Engineering (MS)
- Solar Energy Engineering and Commercialization (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their

academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research, in generating creative design and development, and in the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates.

The mechanical engineering program has the following program educational objectives:

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)

- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate
- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Contact Information:

Engineering, Ira A. Fulton Schools of
Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-undergraduate/>

Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)

Campus: Tempe

Program Description:

The concentration in energy and environment, within the BSE in mechanical engineering, is designed to prepare students to analyze technical problems in:

- air pollution
- climate change
- energy efficiency
- environmental sustainability
- renewable energy
- timely issues facing the global community

Although the primary focus of this program is technical, the general education courses in the areas of the humanities and social and behavioral sciences introduce students to the global, political and societal issues relating to energy and the environment. By focusing on issues such as air pollution, water scarcity and the lack of alternative transportation, this program becomes even more attractive for employers in the greater Phoenix area as well as nationwide.

This program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Aerospace Engineering (MS)
- Mechanical Engineering (MS)
- Solar Energy Engineering and Commercialization (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- no high school math or science competency deficiencies

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class

Transfer students with 24 or more transferable college credit hours:

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Mechanical engineers are employed in virtually every kind of industry. They are involved in:

- generating creative design and development
- seeking new knowledge through research
- the production, control, management and sales of the devices and systems needed by society

Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates. Students completing this concentration have opportunities as:

- environmental consultants
- heating, ventilation and air-conditioning engineers
- power plant designers

The mechanical engineering program has the following program educational objectives:

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees: • employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)

- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate.
- Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Contact Information:

Engineering, Ira A. Fulton Schools of
 Mechanical and Aerospace Engineering Program
<https://semte.engineering.asu.edu/mechanical-undergraduate/>
 ECG 202
 semte@asu.edu
 480-965-2335

Mechanical Engineering Technology, BS (TSMECBS)

Campus: Polytechnic

Program Description:

Mechanical engineering technology programs offer students four years of applied engineering education in a hands-on, experiential, team-based learning environment. Our faculty members have real-world engineering experience, which they use to teach students how to apply engineering theory to practice in state-of-the-art labs stocked with up-to-date equipment used in industry today. Students learn how to produce practical and technically innovative solutions to real-world problems, thereby helping people and the environment.

This program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program

(<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates often work as members of design and development teams, cooperating with other people in and outside of their company. The BS in mechanical engineering technology, including specialty concentrations, offers great flexibility in type of work and location. Employment opportunities exist in companies that design, develop, manufacture, implement and improve products, machinery and systems. Employment areas include:

- engineering design
- manufacturing
- research and development

Companies large and small, in this region and elsewhere, provide a wide range of opportunities for graduates.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Mechanical Engineering Technology (Aeronautical Engineering Technology), BS (TSMECEBS)

Campus: Polytechnic

Program Description:

Mechanical engineering technology programs offer students four years of applied engineering education in a hands-on, experiential, team-based learning environment. Our faculty members have real-world engineering experience, which they use to teach students how to apply engineering theory to practice in state-of-the-art labs stocked with up-to-date equipment used in industry today. Students learn how to produce practical and technically innovative solutions to real-world problems, thereby helping people and the environment.

The aeronautical engineering technology concentration provides a specialization in aircraft, with classes in aircraft systems, design and performance, structures and aerodynamics (including wind tunnel testing).

The mechanical engineering technology program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates often work as members of design and development teams, cooperating with other people in and outside of their company. The BS in mechanical engineering technology, and its aeronautical engineering technology specialty concentration, offer great flexibility in type of work and location. Due to their aeronautical specialty concentration, graduates are prepared to seek employment in aviation-related companies, large and small, in this region and elsewhere, providing a wide range of opportunities for graduates. Employment areas include engineering design, manufacturing, and research and development. Or, since their degree is in mechanical engineering technology, students can seek traditional mechanical engineering employment opportunities in companies that design, develop, manufacture, implement and improve products, machinery and systems.

Contact Information:

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu>

WANER 201

technology@asu.edu

480-727-1874

Mechanical Engineering Technology (Automation Engineering Technology), BS (TSMECUBS)

Campus: Polytechnic

Program Description:

Mechanical engineering technology programs offer students four years of applied engineering education in a hands-on, experiential, team-based learning environment. Our faculty members have real-world engineering experience, which they use to teach students how to apply engineering theory to practice in state-of-the-art labs stocked with up-to-date equipment used in industry today. Students learn how to produce practical and technically innovative solutions to real-world problems, thereby helping people and the environment.

The automation engineering technology concentration provides a specialization in machine and manufacturing process automation, including robotic systems. Automated assembly and testing are major components of most modern mechanical systems and manufacturing operations.

The mechanical engineering technology program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates often work as members of design and development teams, cooperating with other people in and outside of their company. The BS in mechanical engineering technology, and its automation engineering technology concentration, offer great flexibility in type of work and location. Graduates are prepared to seek employment in any company that employs automated manufacturing equipment, large and small, providing a wide range of opportunities for graduates. This very wide spectrum includes food and beverage processing, aerospace and automotive manufacturing, and power companies. Students can also seek traditional mechanical engineering technology employment opportunities in companies that design, develop, manufacture, implement and improve products, machinery and systems.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu>
WANER 201
technology@asu.edu
480-727-1874

Mechanical Engineering Technology (Automotive), BS (TSMECTBS)

Campus: Polytechnic

Program Description:

Mechanical engineering technology programs offer students four years of applied engineering education in a hands-on, experiential, team-based learning environment. Our faculty members have real-world engineering experience, which they use to teach students how to apply engineering theory to practice in state-of-the-art labs stocked with up-to-date equipment used in industry today. Students learn how to produce practical and technically innovative solutions to real-world problems, thereby helping people and the environment.

The automotive concentration addresses vehicle design. The course configuration is based on the functional structure of an automotive company and emphasizes system integration of power plants, chassis and related systems.

The mechanical engineering technology program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates often work as members of design and development teams, cooperating with other people in and outside of their company. The BS in mechanical engineering technology, and its automotive engineering technology concentration, offer great flexibility in type of work and location. Due to the automotive specialty concentration, graduates are prepared to seek employment in automotive-related companies, from large to smaller specialty or aftermarket companies. Students can also seek traditional mechanical engineering employment opportunities in companies that design, develop, manufacture, implement and improve products, machinery and systems.

Contact Information:

Engineering, Ira A. Fulton Schools of
Engineering Programs
<https://poly.engineering.asu.edu/>

WANER 201
technology@asu.edu
480-727-1874

Product Development and Manufacturing Technology, BS (TSMETBS)

Campus: Polytechnic

Program Description:

Product development and related manufacturing technology is a wide-ranging and dynamic field. Conceiving of products and moving them to market is a complex and fascinating process that begins with an understanding of the humans who will use the product. Then, the prototype must be made, developed and manufactured on a scale that ensures financial success. The product development and manufacturing technology degree provides students with the opportunity to learn all these facets of successful product development. At its core, product development is about creating and delivering products that have value to customers and society.

People with deep knowledge of product development are key team members in the production of products such as automobiles, airplanes, electronic devices, surgical instruments, toys, building products and foodstuffs. They often work closely with manufacturing engineers in the design of processes to make products with the required functionality, to desired quality standards, based on customer's needs, at the best possible price and in environmentally friendly ways. The product development curriculum provides students a hands-on, team-based learning environment, with students having access to outstanding fabrication facilities.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates typically work in product development in a variety of companies, large and small. They are often members of design and development teams, cooperating with other people within and outside the company. Due to a strong, practical skill set, graduates are valuable in established companies of any size or new start-ups. However, other graduates become entrepreneurs developing their own products.

Contact Information:

Engineering, Ira A. Fulton Schools of
Tech Entrepreneurship & Mgmt
<http://poly.engineering.asu.edu>
WANER 201
technology@asu.edu
480-727-1874

Software Engineering, BS (TSSERBS)

Campus: Polytechnic, Online

Program Description:

The program blends engineering, computing, project leadership and software construction. Students learn how to make creative software solutions to today's problems. Software systems are complex, often including in excess of a million lines of code. Graduates of the BS in software engineering possess the knowledge and skills of a defined engineering approach to complex systems analysis, planning, design and construction.

The program is a unique project-driven curriculum, establishing a new model for software engineering education. The program is built around the

concepts of engaged learning, discovery-based education and learn-by-doing. Students complete projects in every semester of the program, to provide emphasis in communication, teamwork, critical thinking and professionalism. Students have flexibility in designing their course of study; they select a software engineering application area such as Web applications, mobile systems, embedded systems, or graphics and game development as their primary focus, and they may obtain interdisciplinary knowledge through a secondary area of their design.

Please note that the accelerated degree is only allowed for the software engineering program on the Polytechnic campus.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Software Engineering (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university standards. International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://global.asu.edu/future/undergrad>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score or 3.00 minimum ABOR GPA or class ranking in top 25 percent of high school class, and
- Admission may be granted with one deficiency in no more than two competency (<https://students.asu.edu/admission/competencies>) areas. Deficiencies in both math and laboratory science are not acceptable.

Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- If Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency (<https://students.asu.edu/admission/competencies>) areas. Deficiencies in both math and laboratory science are not acceptable.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-software-engineering?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

Software engineers solve a broad set of transdisciplinary problems and apply new technologies to improve the quality of life. Graduates design and engineer innovative systems that may include mechanical and electrical components that interact with software. The bachelor's degree program in software engineering is a unique program in which students learn by solving engaging projects, commonly as a member of a development team. The program prepares graduates for advanced study in computing, 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 video games
- creating Web applications
- creating applications for mobile devices
- designing embedded systems
- developing distributed applications
- working on data, network, security or computer systems administration

Contact Information:

Engineering, Ira A. Fulton Schools of

Software Engineering

<http://cidse.engineering.asu.edu/forstudent/undergraduate/majors/software-engineering-bs/>

WANER 201

cidse.advising@asu.edu

480-965-3199

Technological Entrepreneurship and Management, BS (TSTEM2BS)

Campus: Polytechnic, Online

Program Description:

The BS program in technological entrepreneurship and management advances the knowledge and practice of entrepreneurship and innovation. To enhance students' understanding of business fundamentals, the Fulton Schools of Engineering have partnered with the W. P. Carey School of Business to offer a degree jointly conferred by both colleges. The degree program prepares students to: address social and corporate issues to impact and change the world; create, launch and improve technology-based products, services and ventures; and identify and solve open-ended problems using engineering and technology approaches.

Through this degree program, students receive a foundation in both technology and business fundamentals, with an emphasis on technology entrepreneurship and innovation in one of two focus areas: innovation and operation management or social entrepreneurship.

The program objectives for this degree include:

- demonstrate the ability to identify, analyze and synthesize information to address and solve use-inspired, open-ended problems, assessing their impact on social, cultural and economic environments
- formulate methodologies to advance the knowledge of entrepreneurship and innovation
- launch technology-based products and services from idea generation through actualization
- use quantitative and qualitative methods to demonstrate continuous improvement of products, services, and processes
- utilize a systems approach for the effective design and improvement of entrepreneurial and innovation ventures

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 211 - Math for Business Analysis

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Career Opportunities:

Small businesses and startups create the majority of new jobs in the U.S., while larger corporations are looking to hire individuals who can see the big picture and solve complex problems. Students in the technological entrepreneurship and management program learn the range of skills needed to develop new products, services and business models as well as whole new industries. The technological entrepreneurship and management program prepares students for a wide variety of career possibilities, including technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis, technology marketing and many more.

Contact Information:

Engineering, Ira A. Fulton Schools of

Tech Entrepreneurship & Mgmt

<https://poly.engineering.asu.edu/tem/bs-technological-entrepreneurship-and-management/>

WANER 230

technology@asu.edu

480-727-1874

Future of Innovation in Society, School for the

Innovation in Society, BA (FIFISBA)

Campus: Tempe

Program Description:

This BA program in innovation in society provides students with tools and concepts to analyze new and emerging innovations and the diverse local and global futures they enable. Students will be prepared to build more inclusive future societies and develop strategies that link innovation with social needs and values. The curriculum develops transdisciplinary perspectives that synthesize research and theory from the social sciences, humanities, natural sciences, and engineering. Students will learn qualitative methods to investigate how science and technology have shaped and reflect social values, in preparation for careers in public service, business, policy and academia.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Governments, corporations, and nongovernmental organizations, facing increasingly rapid change driven by or relating to science and technology, need people who can respond effectively to change, develop and implement policy, understand the intersection of science, technology and society, and have the analytical skills to deal with challenges. Students graduating from this program will have the skills to work in any of these sectors providing problem solving, analysis, quality assurance, futuring, and communication and facilitation on issues related to science, technology, innovation and society. Graduates will be prepared for professional schools, public service and policy making, industry, entrepreneurship or graduate research in a variety of disciplines.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDB 366
sfis@asu.edu
480-727-8787

Innovation in Society, BS (FIFISBS)

Campus: Tempe

Program Description:

The BS program in innovation in society provides students with tools and concepts to analyze new and emerging innovations, and the diverse local and global futures they enable. Students will be prepared to build more inclusive future societies and develop strategies that link innovation with social needs and values. The curriculum develops transdisciplinary perspectives that synthesize research and theory from the social sciences, humanities, natural sciences and engineering. Students will build on a competency in a scientific, engineering or quantitative social science field to investigate how science and technology have shaped and reflect social values, in preparation for careers in public service, business, policy and academia.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Governments, corporations and nongovernmental organizations, facing increasingly rapid change driven by or relating to science and technology, need people who can respond effectively to change, develop and implement policy, understand the intersection of science, technology and society, and have the analytical skills to deal with challenges. Students graduating from this program will have the skills to work in any of these sectors providing problem solving, analysis, quality assurance, futuring, and communication and facilitation on issues related to science, technology, innovation and society. Graduates will be prepared for professional schools, public service and policy making, industry, entrepreneurship or graduate research in a variety of disciplines.

Contact Information:

Future of Innovation in Society, School for the
School for the Future of Innovation in Society
<https://sfis.asu.edu>
INTDSB 366
sfis@asu.edu
480-727-8787

Global Management, Thunderbird School of

Global Management, BGM (TBTGMBGM)

Campus: West

Program Description:

The BGM degree program in global management draws on Thunderbird School of Global Management's expertise in global management practices and intercultural communication training to provide students with a highly specialized, global business education.

The Bachelor of Global Management program will prepare students to take on leadership roles in multinational corporations as well as nongovernmental organizations. Thunderbird's outstanding global management faculty members and strong relationships with global organizations will allow students to develop the skills needed to operate effectively in today's globally connected world. Students will develop skills that international employers, governments and nongovernmental entities value highly.

The program offers two tracks: the language and culture track, in which two years of foreign language is required; and the international business and culture track, in which there is no foreign language requirement but more emphasis on management-related courses. Students who select the foreign language track may complete course work in Arabic, Chinese or Spanish. Speakers of English as a second language can choose to focus on further developing their English language skills or choose a third language.

Students will have the opportunity to put the skills they have learned into practice in real-world settings through a required internship. Although the program strongly encourages students to pursue international internships, students may also satisfy this requirement by doing a local internship with an international orientation. Students will also complete a senior capstone project of their choice, which draws upon the unique skills they have developed throughout the program. The internship and the capstone project allow students to demonstrate their skills and work experience for potential employers as part of their professional development plan.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

At this time, this program is only available to incoming freshmen and students with fewer than 64 hours of transfer credit.

Career Opportunities:

Graduates of the Bachelor of Global Management degree program will have a variety of transferable skills combined with the ability to adapt to ever-changing business environments, tolerance for ambiguity and a demonstrated passion for learning about other cultures. Students who complete this program will be equipped to play key roles in multinational corporations and in government as well as nongovernmental organizations. There is demand for global skills in careers such as international business, trade, finance, accounting, human resources, marketing, corporate communications and international relations.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<http://www.thunderbird.edu/bachelor-global-management>

FAB N201

undergrad.tbird@asu.edu

602-543-4444

International Trade, BS (TBINTRABS)

Campus: West

Program Description:

The BS program in international trade provides rigorous training in skills related to a career in international trade. It is unique in training students in the knowledge and skills needed to do business in different parts of the world. Students learn the functional disciplines of international business while gaining an in-depth understanding of the political, cultural and economic aspects of doing business in the international market. Supported by Thunderbird's emphasis on a global perspective, students acquire tools to manage supply chains, systematically assess risk, export and import goods and services, and use economic agreements to develop effective strategies for conducting international trade.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 211 - Math for Business Analysis

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

There are numerous possible career opportunities related to international trade, including careers as international country account managers, managers, international sales managers, international business development managers, regional managers, export and import brokers, international consultants, international logistics specialists and global supply chain managers, among others.

Contact Information:

Global Management, Thunderbird School of

Thunderbird School of Global Management

<https://newcollege.asu.edu/college-advisor>

FAB N201

undergrad.tbird@asu.edu

602-543-4444

Health Solutions, College of

Applied Science (Food Service Management), BAS (ECNTRBAS)

Campus: Downtown Phoenix

Program Description:

The BAS degree program with a concentration in food service management is designed to complement and enhance the educational preparation of students holding an AAS degree in culinary or hospitality science.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Career Opportunities:

This degree program prepares students for careers in food production, service, management and marketing. With additional education or professional training, students may also become credentialed as:

- certified dietary managers
- registered sanitarians
- school food service and nutrition specialists

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Applied Science (Health Sciences), BAS (NUHSCBAS)

Campus: Downtown Phoenix, Online

Program Description:

The BAS program is designed specifically for students who have earned an AAS from a regionally accredited institution. In completing the bachelor's degree, students complete all ASU graduation requirements.

The concentration in health sciences is designed to provide the academic knowledge and skills to allow students with an associate degree from a previously approved health-related program to advance their employment opportunities within the health field, continue into a graduate program of study, or both.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-applied-science-health-sciences?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

Graduates will be able to return to their original area of expertise in allied health (i.e., radiology, nuclear imaging) and qualify for a managerial position, to be an educator or instructor within their field of expertise, or qualify for a higher-grade position within their current place of employment.

Other career options include positions such as:

- elder services program coordinator
- health and patient educator
- health maintenance organization or insurance company client coach
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist
- women, infants, children and community nutrition aide

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)

Campus: Downtown Phoenix

Program Description:

The BAS in medical laboratory sciences is designed to provide the academic knowledge and professional skills to allow students to advance their employment opportunities within the field of medical technology, cytology, clinical laboratory science and related areas. Medical laboratory scientists, also known as clinical laboratory scientists, are highly skilled professionals who perform analytical tests on blood, tissue and body fluids to provide laboratory information for the detection, diagnosis and treatment of human diseases. They work independently and have skills and knowledge that are greater in depth and breadth compared to medical laboratory technicians, who typically are graduates of a two-year or community college program. There also is a growing trend for medical laboratory scientists to perform wellness laboratory testing aimed at preventing disease.

For a detailed description of courses and the transfer path, see the major map link below.

For more program information, see the links below:

Program handbook: https://chs.asu.edu/sites/default/files/mdl_handbook_aug_16.pdf
(https://chs.asu.edu/sites/default/files/mdl_handbook_aug_16.pdf)

Program schedule: https://chs.asu.edu/sites/default/files/mdl_course_sequence_1617.pdf
(https://chs.asu.edu/sites/default/files/mdl_course_sequence_1617.pdf)

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Only students who have been admitted through Phoenix College and who have completed the prerequisite course work, verified by the program director or program advisor, are eligible to apply to this program. The following requirements are a part of the application process and are included in the separate program application, released to those who are considered eligible during a specified application cycle:

- gain admission to Phoenix College
- complete program application, which should include:

- student information
- course work
- immunizations
- basic life support or CPR
- fingerprint clearance card
- health declaration
- experience in medical laboratory sciences
- employment observation verification
- references
- review checklist and sign

submit to:

School of Nutrition and Health Promotion
Student Services Office, MERCC
Mail Code 8220 ATTN: Medical Laboratory Science Program
Arizona State University
502 E Monroe St Ste C 250
Phoenix AZ 85004-4431 • apply to Arizona State University

Career Opportunities:

The Bureau of Labor Statistics reports that 13,000 new laboratory professionals will be needed in the United States each year; however, current training programs graduate only 5,000 students each year. The majority of medical laboratory scientists and technologists work in hospital laboratories. Others work in independent laboratories, reference laboratories, clinics, health maintenance organizations, public health agencies, pharmaceutical firms, research institutions, scientific equipment companies, physicians' offices and as teachers in college clinical laboratory science programs. The working environment is as varied as the types of practice in which medical laboratory scientists are engaged.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://chs.asu.edu/programs/applied-science-medical-laboratory-science>
HLTHS 444AA
chs@asu.edu
602-496-3300

Biomedical Informatics, BS (ESBMIBS)

Campus: Tempe

Program Description:

Biomedical informatics combines information technology, data science and knowledge to improve health. The program will educate undergraduate students in the informatics knowledge and skills that will enable them to:

Improve the quality and reduce the cost of patient health care.

- Consolidate patient health history and interventions across hospitals and clinics.
- Provide the right information about patient health to clinicians.
- Reduce clinical errors and waste.

Minimize hospital visits.

- Manage patient clinical condition at home.
- Monitor patient health at home.
- Shorten hospital stays.

Improve patient hospital experience.

- Optimize patient time in the hospital.
- Provide patient with faster access to resources.

Detect disease early.

- Make early detection of patient condition.
- Track patient disease progression.
- Support clinician in making better diagnosis.

Improve the precision of diagnosis, prognosis and treatment of patient disease.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Biomedical Informatics (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

This rapidly expanding field prepares graduates for careers in a wide range of health care settings. Graduates of the program are employed in positions such as biomedical analysts, medical information analysts, software analysts, electronic health records analysts, public health informatics scientists and research associates, among others. Some may see this program as a unique way to combine their interest in life sciences and technology. Others may find this degree the first step toward medical school or advanced medical research or to continued graduate-level study in biomedical informatics.

Contact Information:

Health Solutions, College of
Biomedical Informatics Program

<https://chs.asu.edu/bmi/>

MERCC 250

bmi@asu.edu

602-496-3300

Exercise and Wellness (Exercise for Obesity Prevention), BS (NHEXWOPBS)

Campus: Downtown Phoenix

Program Description:

The concentration in exercise for obesity prevention will prepare students to assist others in adopting physical activity behaviors for healthy lifestyles, obesity prevention and weight management. Students will engage in focused study on the use of exercise for reducing disease risk and improving health in meeting the challenges of obesity. Students will learn to assess health and fitness, learn about the etiology and consequences of obesity and provide appropriate exercise prescriptions for health and weight management goals. Students will be prepared for the American College of Sports Medicine Certified Exercise Physiologist certification exam. Students in this concentration will be exposed to applied assessment labs and practical internships to gain the knowledge and experience they will need to be competent exercise and health promotion professionals.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Students who complete the bachelor's degree program in exercise and wellness with a concentration in exercise for obesity prevention will be well-suited for employment in fitness and wellness-oriented locations such as:

- bariatric weight loss clinic counseling and management
- corporate fitness and worksite wellness
- health care systems and medical centers
- lifestyle and weight management consulting
- nonprofit disease prevention agencies (e.g., American Heart Association)
- university fitness and wellness centers

Students also will be well-prepared for admission into graduate programs in exercise physiology, obesity prevention and management, rehabilitative fields (e.g. physical therapy) and medicine.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://chs.asu.edu/programs/undergraduate>
HLTHN 4th floor
chs@asu.edu
602-496-2644

Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)

Campus: Downtown Phoenix

Program Description:

The BS program in exercise and wellness provides the student with the knowledge and practical skills to assist individuals in attaining their personal level of optimum health. Students are prepared to pursue nationally recognized and credentialed certifications provided by professional organizations in fields of study related to fitness, strength and conditioning and sports medicine.

Students in the exercise and wellness degree program are matriculated through a carefully designed curriculum emphasizing:

- competency in the instruction of basic and advanced techniques related to flexibility, resistance training and cardiovascular exercise
- foundational knowledge of exercise physiology and applied kinesiology
- methods to understand and help improve individuals with regard to their health behavior choices
- skills in assessing and interviewing clients in preparation for fitness and wellness programming
- skills in designing and manipulating program variables to work with apparently healthy or symptomatic individuals
- competencies required to attain advanced level certifications from professional associations in the field

Students in the exercise and wellness degree program also have the ability to enroll in courses that will enhance their abilities to work with high performance athletes, obese individuals or those at risk for suffering from other hypokinetic diseases.

Employment of fitness and wellness professionals is expected to grow by up to 24 percent through 2020, much faster than other occupations, driven by efforts to reduce health care costs by teaching people about healthy behaviors. The need for exercise and wellness programming and facilities will increase the need for workers in these areas.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

Students who complete the exercise and wellness degree will have enhanced opportunities in fitness and wellness employment settings because clients and employers prefer to work with people who are more highly prepared and qualified.

Undergraduates in this concentration often pursue careers in such fields as:

- clinical exercise
- corporate fitness
- fitness management

- personal training
- sports performance
- wellness centers

Students may also pursue further graduate study in such fields as:

- athletic training*
- cardiac rehabilitation*
- occupational therapy*
- physical therapy*
- physician assistant*

*Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Health Solutions, College of
 School of Nutrition and Health Promotion
<https://snhp.asu.edu/programs/exercise-wellness>
 HLTHS 444AA
 chs@asu.edu
 602-496-3300

Exercise and Wellness (Health Promotion), BS (EEXWHBS)

Campus: Downtown Phoenix

Program Description:

The BS in exercise and wellness with a concentration in health promotion provides students a pathway to become a Certified Health Education Specialist. Students will gain the knowledge, skills and expertise to develop and deliver programs that enhance awareness about healthy lifestyle behavior, increase health-enhancing behaviors, decrease health risk behaviors and create environments supportive of healthy lifestyles.

Students are prepared with:

- competencies required to pursue the Certified Health Education Specialist certification
- foundational knowledge in nutrition, physical activity and stress for chronic disease prevention
- knowledge, skills and ethics for assessing and understanding group and community health needs
- methods for helping people make health behavior changes and teaching people about health risks and behaviors
- skills in designing, implementing, administering and evaluating effective health promotion programs in work site, community, health care and agency settings

A distinctive aspect of the health promotion concentration is an outstanding capstone internship that provides preprofessional experience in health promotion settings.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra
 /MAT 170

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
 Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The rising cost of health care has increased the need for individuals with the skills and abilities to provide health education and health promotion programs. As health care costs continue to rise, insurance companies, employers and governments are attempting to find ways to curb costs. One of the more cost effective ways is to employ health promotion professionals to teach people how to live healthy lives and avoid costly treatments for illnesses. Health promotion professionals work in various environments based on the industry in which they are employed. In public health, nonprofit organizations, corporations and businesses, colleges and universities, and medical care settings, they primarily work in offices. However, they may spend a lot of time away from the office implementing and attending programs, meeting with community organizers, speaking with patients or teaching classes.

Undergraduates in this concentration often pursue careers in such fields as:

- college and university wellness and health promotion
- government health departments and agencies
- health and wellness coaching
- nonprofit disease prevention agencies
- private health care organizations
- wellness centers
- worksite wellness and health promotion

Students may also pursue further graduate study in such fields as:

- dentistry
- health education
- health promotion
- health psychology
- medicine
- occupational therapy
- physician assistant
- public health

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Exercise and Wellness (Strength and Conditioning Specialist), BS (NHEXWSCBS)

Campus: Downtown Phoenix

Program Description:

The strength and conditioning specialist concentration is designed for students who want to work with competitive athletic or occupational athletic populations. These students will work with high school, college or professional sports organizations in scholastic or private sports performance training facilities, with tactical sports performance clients (military, police, firefighters, EMT) in municipal or government-run facilities or with individual clients participating in competitive recreational activities. The student will be prepared to sit for the Certified Strength and Conditioning Specialist or the Tactical Strength and Conditioning-Facilitator examinations offered by the National Strength and Conditioning Association (<https://www.nasca.com>) at the completion of their course work. Students in this concentration will be exposed to applied assessment labs and practical fieldwork to gain the knowledge they will need to be competent coaches in this field.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

- athletic trainer*
- fitness center director
- group exercise specialist
- personal training
- physical therapist*
- physical therapy technician
- sports performance coach
- sports performance director
- sports scout
- tactical performance coach

*Additional prerequisites and post-graduate degrees are required.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://chs.asu.edu/programs/undergraduate>
HLTHN 4th floor
chs@asu.edu
602-496-2644

Health Education and Health Promotion, BS (NHHEHPBS)

Campus: Downtown Phoenix, Lake Havasu, Online

Program Description:

The BS in health education and health promotion provides students a pathway to become certified health education specialists, and it is the only undergraduate program at ASU designed specifically to provide professional preparation in population-based health, including school and community health education. Students pursuing a bachelor's degree in health education and health promotion will gain foundational knowledge in health promotion program planning, implementation and evaluation, as well as certified health education specialist competencies, and they will learn about specific health education strategies for effectively delivering community and school health education interventions. Students will develop an understanding of various areas addressed by certified health education specialists, including, injury prevention, violence prevention, substance abuse prevention, sexual health education, emotional health education, foundations of school health education, social media and marketing in health education, nutrition, physical activity, stress for chronic disease prevention, and more.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Downtown campus is available to all students who meet university admission standards.

The West campus is only available to students who will be first time freshmen as defined as those who have earned 12 college credit hours or less at the time of admission.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The rising cost of health care has increased the need for individuals with the skills and abilities to provide health education and health promotion programs. As health care costs continue to rise, insurance companies, employers and governments are attempting to find ways to curb costs. One of the more cost effective ways is to employ health education and health promotion professionals to teach people how to live healthy lives and avoid costly treatments for illnesses. Health promotion professionals work in various environments based on the industry in which they are employed. In public health, nonprofit organizations, corporations and businesses, colleges and universities, and medical care settings they primarily work in offices. However, they may spend a lot of time away from the office implementing and attending programs, meeting with community organizers, speaking with patients or teaching classes.

Undergraduates in this concentration often pursue careers in such environments as:

- college and university wellness and health promotion
- community health agencies
- hospitals and medical facilities
- insurance companies
- nonprofit disease prevention agencies
- private health care organizations
- schools
- state and county health departments
- wellness centers
- worksite wellness and health promotion

Students may also pursue further graduate study in such fields as:

- health education
- health promotion
- health psychology
- medicine and dentistry (with additional elective sciences)
- public health
- social work

Advanced degrees or certifications may be required for academic or clinical positions.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<http://healthpromotion.asu.edu/exerciseandwellness>
HLTHS 444AA
healthpromotion@asu.edu
602-496-3300

Health Sciences (Health Policy), BS (NUHSCHPBS)

Campus: Downtown Phoenix

Program Description:

The BS in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field or continue their education in discipline-specific programs. Students will complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness.

The health policy program is designed for students interested in the community policy aspects of disease prevention and health promotion. The continuum of health care now spans a diverse array of health providers ranging from private practitioner offices and outpatient care centers to residential care facilities and acute care hospitals. Key to the enhancement of health care within the U.S. is the development and implementation of innovative, cost effective and universally accessible programs. Students in this concentration will be required to complete a supervised practicum, providing hands-on experience within their field of interest. Students may also wish to consider using their electives to complete a minor in nonprofit administration, which requires 15 credits.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics or MAT 117

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Downtown campus is available to all students who meet university admission standards.

The West campus is only available to students who will be first time freshmen as defined as those who have earned 12 college credit hours or less at the time of admission.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities are available in city, county and state departments of health, with additional employment opportunities in the health insurance industry, nonprofit sector and within various corporate entities providing health care.

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion

<https://snhp.asu.edu/>

HLTHS 444AA

chs@asu.edu

602-496-3300

Health Sciences (Healthy Lifestyles Coaching), BS (NUHSCHLCBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS program in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field or continue their education in discipline-specific programs. Students will complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness. The healthy lifestyles coaching emphasis brings together course work from exercise and wellness, nutrition and health sciences to give students a strong background in preventative health care.

The on-campus program is accredited by National Consortium for Credentialing Health and Wellness Coaches program accreditation standards:

<http://www.ncchwc.org/organizations/> (<http://www.ncchwc.org/organizations/>). Students in the on-campus program will receive a health and wellness coaching certificate and will be able to sit for the NCCHWC certification examination if they choose to do so upon graduation.

The degree program allows students to explore a range of interests in health education and is designed for students who are seeking immediate employment in the community health education or health promotion fields. For those interested in further education, the program also is constructed to meet the prerequisites for pursuit of a Bachelor of Science in Nursing.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-sciences-healthy-lifestyles-coaching?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

According to the US Bureau of Labor Statistics, employment for health coaches and health educators is projected to grow 21 percent from 2012 to 2022, faster than the average for all occupations. Growth will be driven by efforts to improve health outcomes and to reduce health care costs by teaching people about healthy habits and behaviors and utilization of available health care services. Health coaches work in hospitals and health care facilities, schools, public health departments, nonprofit organizations, and private businesses. Career options include positions such as:

- elder service or congregate meal program coordinator
- health and patient educator
- Healthy Start or corporate wellness coordinator
- school health and nutrition program specialist
- women, infants, children and community nutrition aide

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion

<https://snhp.asu.edu/>

HLTHS 444AA

chs@asu.edu

602-496-3300

Health Sciences (Pre-professional), BS (NUHSCPRES)

Campus: Downtown Phoenix

Program Description:

The BS in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field or continue their education in discipline-specific programs. The preprofessional program is designed for students planning to enter medical, dental, osteopathic, physical therapy, veterinary, pharmacy and similar professional schools. In addition to a comprehensive core of basic science courses, the concentration is unique in that it will provide a solid base in ethics; communication; the evaluation of research (the cornerstone of evidence-based practice); and healthy lifestyles (the foundation of health promotion and chronic disease risk reduction avenues of health care), including the role of complementary and alternative care within the U.S. health care system. Students will also have the ability to incorporate electives that contribute to their knowledge of and sensitivity to the needs of populations impacted by health disparities.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

If not entering an advanced degree program in the medical field, employment opportunities include:

- clinical research coordinator
- health officer
- sales and marketing representative for pharmaceutical or medical device companies

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion

<https://snhp.asu.edu/>

HLTHS 444AA

chs@asu.edu

602-496-3300

Health Systems Management, BS (TSHSYMBS)

Campus: Polytechnic

Program Description:

The BS in health systems management provides students with a unique opportunity to develop a marketable skill set via a multidisciplinary educational approach to the development of health care leaders, technologists and entrepreneurs. The flexible program allows students to select one of two focus areas, technology entrepreneurship management and information technology management. The degree develops graduates whose decisions are evidence-based, a critical skill as health systems evolve. Students will receive a strong foundation in health systems, technology, business and consumer-behavior associated with health, with an emphasis on innovation and service development. Program graduates will have the skills to transform the current health care system or individual health care organizations to become more efficient and agile by improving processes, adopting best practices, evaluating and adopting technologies. Graduates will lead such organizations and systems to become more competitive globally.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 119 - Finite Mathematics

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the program are well qualified for careers in the management of health systems. This degree couples technical skills with the business skills needed to manage complex health systems. The focus area of information technology management allows the graduate to pursue a career in technical support administration for various health systems, which will address information assurance, securing computer applications, and security of communication and information. These skills are combined with knowledge of computer systems and networking design, configuration and

administration. The process innovation focus area provides students with the opportunity to analyze and improve processes and practices as well as generate and evaluate products and services for the health system enterprise. Students will be able to pursue careers in marketing and consumer behavior as it relates to health systems. Careers in health systems operations and social entrepreneurship will be available to these students.

Contact Information:

Health Solutions, College of
School for the Science of Health Care Delivery
<https://chs.asu.edu/shcd>
MERCC 250
chs@asu.edu
602-496-3300

Kinesiology, BS (NUKINBS)

Campus: Downtown Phoenix, Lake Havasu

Program Description:

Kinesiology is a discipline emphasizing the study of movement as it relates to physical activity, health and disease prevention, and exercise. Using both human and animal models and reflecting research ranging from basic to applied, it draws from a transdisciplinary body of knowledge grounded in the biological, psychological, physical and social sciences.

Undergraduate students in the program gain a disciplinary knowledge of the anatomical, biomechanical, developmental, neural, physiological and psychological mechanisms underlying human movement.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Clinical Exercise Physiology

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

An undergraduate degree in kinesiology prepares students for graduate study in a variety of clinical and research occupations including:

- chiropractor
- dentist
- physician
- occupational therapist
- physical therapist
- physician assistant

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>

HLTHS 444AA
Kinesiology@asu.edu
602-496-3300

Medical Studies, BS (NHMEDBS)

Campus: Downtown Phoenix, West

Program Description:

The BS in medical studies is an interdisciplinary degree program designed to provide a solid undergraduate knowledge base in health and health care. The program provides a rigorous education in the natural sciences, social sciences, humanities, statistics, health economics and global health, with particular attention to the integration of disciplines and the impact on health and health care. Students will learn about health systems and gain skills in evaluation of the health sciences literature, communication, leadership and interprofessionalism. The program prepares students for health-related careers and is designed for students with an interest in postgraduate health degrees, such as medical school, providing excellent preparation for the changes in the MCAT and medical school admission requirements.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students graduating from this program will be academically prepared, well rounded and adept in skills for a number of exciting careers in the allied health fields, dentistry or medicine, education, government, health care industries or nonprofit organizations. Job areas may include:

- community health worker
- project coordinator
- research assistant
- sales or marketing representative (e.g., medical device or pharmaceutical industry)

Students will be well prepared to pursue postgraduate health degrees, resulting in a career as a:

- chiropractor
- dentist
- naturopathic physician
- optometrist
- pharmacist
- physician
- physician assistant
- podiatrist
- public health professional

Many other career options may be available.

Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/chs/bachelor-science-medical-studies>

HLTHS 444AA

med@asu.edu

602-496-3300

Nutrition (Dietetics), BS (ECNTRDBS)

Campus: Downtown Phoenix

Program Description:

The BS in nutrition with a concentration in dietetics prepares students with the required course work and skill set to apply for a dietetic internship required to sit for the registration exam to become a registered dietitian, which is a food and nutrition expert. In addition to a core of professional nutrition courses, students will complete a broad range of science, management and communication classes. The program emphasizes the application of nutrition within clinical, community, food production and wellness areas.

More information about this credential and the requirements for this credential can be found at <http://www.eatrightpro.org/resources/career/become-an-rdn-or-dtr> (<http://www.eatrightpro.org/resources/career/become-an-rdn-or-dtr>).

ASU's bachelor's degree program in nutrition with a concentration in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2000, Chicago IL 60606-6995.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Career Opportunities:

The nutrition and dietetics field provides employment opportunities in:

- consulting
- education
- food and nutrition marketing and sales
- hospitals and other health care facilities
- nutrition and health promotion
- public health agencies
- school food service

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion

<https://snhp.asu.edu/>

HLTHS 444AA

chs@asu.edu

602-496-3300

Nutrition (Food and Nutrition Management), BS (ECNTRMBS)

Campus: Downtown Phoenix, Online

Program Description:

The BS in nutrition with a concentration in food and nutrition management provides students with the ability to apply nutrition principles to food production. This concentration is designed to provide students with an understanding of the food industry so they can manage and market food and develop a food or menu that meets a specific nutritional guideline.

Course work focuses on a strong foundation in food purchasing, production and planning. Additional course work in management, marketing and nutrition prepares students for a variety of food service positions. Graduates can also pursue the credentials of certified dietary manager, school nutrition specialist or registered sanitarian.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(<http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nutrition-food-and-nutrition-management-bs>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

According to the National Restaurant Association, the number of food service managers is projected to increase by 15 percent in the next 10 years. This degree prepares students to become food service directors at schools, health care facilities and corporate food service operations. Graduates of the program aspire to own restaurants or nutrition-related businesses, work in supplement or pharmaceutical sales, or work in food marketing and distribution.

Contact Information:

Health Solutions, College of

School of Nutrition and Health Promotion

<https://snhp.asu.edu/>

HLTHS 444AA

chs@asu.edu

602-496-3300

Nutrition (Food and Tourism Management), BS (ECNTFTMBS)

Campus: Downtown Phoenix

Program Description:

The BS in nutrition with a concentration in food and tourism management prepares students to operate healthy, cost-effective food service operations in the food and tourism industries. Students take courses from the School of Nutrition and Health Promotion in the College of Health Solutions and from the School of Community Resources and Development in the College of Public Service and Community Solutions to develop a unique skill set to thrive in these growing industries.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

This program is beneficial for students interested in seeking careers as food service directors in resorts, parks, convention centers and a variety of other tourism venues around the globe.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu>
HLTHS 444AA
chs@asu.edu
480-496-3300

Nutrition (Human Nutrition), BS (ECNTRHBS)

Campus: Downtown Phoenix

Program Description:

The BS in nutrition with a concentration in human nutrition provides students with a strong foundation in nutrition and science that prepares them for careers in public or community health and clinical or graduate research programs. Students in this concentration usually intend to apply to medical school or another health profession. In addition to providing a strong foundation in medical nutrition therapy, the course work includes anatomy, physiology, chemistry and microbiology. Students gain knowledge of nutritional concepts that health care professionals sometimes lack.

Students from this program have gone on to study:

- dentistry
- medicine
- naturopathic medicine
- optometry and podiatry
- osteopathic medicine
- pharmacy

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Career Opportunities:

The nutrition field provides employment opportunities in:

- education
- food and nutrition marketing and sales
- food service
- health care
- nutrition and health promotion and consulting
- public health

Graduates of the human nutrition program often go on to apply to medical school or another health profession. The area of nutrition research is also a good fit for human nutrition majors. Several outstanding scientists have received their bachelor's degree from this program; add a master's degree or a doctorate, and the opportunities within the research field are unlimited.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Nutrition (Nutrition Communication), BS (ECNTRCBS)

Campus: Downtown Phoenix, Online

Program Description:

The BS in nutrition with a concentration in nutrition communication is designed to help students become experts in communicating health and nutrition content. This concentration was originally developed in collaboration with the Walter Cronkite School of Journalism and Mass Communication.

Nutrition courses provide the content for articles students write in their communication-related classes. This degree program provides students with a strong understanding of the scientific method, statistics, nutrition, health care and wellness that many traditional journalists lack. Faculty members teach students how to avoid sensationalism or sacrificing reality to get a better story.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nutrition-communication?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The nutrition communication field offers employment opportunities with:

- community and health care agencies
- magazines
- newspapers
- private corporations (public relations firms)
- Web-based companies

With this degree, graduates can pursue careers as:

- authors
- consultants in program or product development
- freelance writers for newspapers and magazines
- public relations representatives for food and beverage companies

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://snhp.asu.edu/>
HLTHS 444AA
chs@asu.edu
602-496-3300

Public Health, BS (NHPBHBS)

Campus: Downtown Phoenix

Program Description:

The BS in public health is designed to provide students with knowledge and skills in the core concepts of public health; namely health behavior, health statistics, environmental health, epidemiology, health administration and policy. The degree prepares public health practitioners who are competent to plan, implement, evaluate and monitor public health functions in local, state, national and international settings. Graduates are prepared to fill entry-level positions in public and community health as well as to further their education through the Master of Public Health, Master of Health Administration or other advanced degree programs. The bachelor's degree in public health is designed to appeal to students with interests in population rather than individual health.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates of this program will qualify for entry-level positions in public health education, sanitation and environmental control, public health administration, health promotion and similar areas. Employment opportunities are available within national, state or local health departments; community clinics, community or private advocacy groups, health education programs and nonprofit organizations.

Contact Information:

Health Solutions, College of
School of Nutrition and Health Promotion
<https://chs.asu.edu/programs/public-health>
HLTHS 444AA
CHS@asu.edu
602-496-3300

Science of Health Care Delivery, BS (NHHCDBS)

Campus: Downtown Phoenix

Program Description:

The BS in the science of health care delivery is designed to provide undergraduate students a foundation in the multidisciplinary field of health care delivery. The student will receive a solid knowledge base in health care systems, health economics and policy, population health, health information technology and analytics, health care management, process engineering and health care finance as well as skills in leadership and communication. Graduates may pursue entry-level positions in health care administration, delivery or policy or pursue further education through graduate programs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Science of Health Care Delivery

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of this program will be academically prepared, well-rounded and adept in skills for a number of exciting careers in health care. Job areas may include entry-level positions in health care administration, management, policy, system design, quality improvement and health services research. Opportunity may include jobs in hospital systems, physician practices and clinics, patient navigation, the pharmaceutical industry, insurance companies, government and regulatory agencies, and health research organizations. Students may pursue further education through graduate programs in areas such as health care delivery, administration and management.

Contact Information:

Health Solutions, College of

School for the Science of Health Care Delivery

<https://chs.asu.edu/shcd>

HLTHS 444AA

CHS@asu.edu

602-496-3300

Speech and Hearing Science, BS (LASHSBS)

Campus: Tempe

Program Description:

Students in the BS in speech and hearing science program study the normal aspects of the communication process. Emphasis is placed on:

- anatomy and physiology of the hearing mechanism
- speech, language and hearing science
- the human communication system, including normal development of speech and language

Graduates attain broad-based knowledge in the basic aspects of speech, language and hearing sciences, which prepares them for graduate studies in audiology or speech language pathology.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Employment opportunities for those with a bachelor's degree may include positions as:

- management trainees
- research assistants or associates in behavioral disciplines
- speech-language pathology assistants

Primarily, a degree in this field prepares the student for entrance into a graduate program in speech-language pathology or audiology. In both fields, a graduate degree is required for employment.

The undergraduate degree in speech and hearing science is also excellent preparation for those who wish to enter professional or graduate programs in fields such as:

- education
- law
- medicine
- rehabilitation
- special education
- teaching for the deaf

Graduates in speech-language pathology and audiology can work in a variety of settings, including:

- clinics
- hospitals
- schools

Contact Information:

Health Solutions, College of
Department of Speech and Hearing Science
<https://chs.asu.edu/shs>
COOR 2211
shsinfo@asu.edu
480-965-2374

Honors - Barrett, The Honors College

Honors College, (9HOHONALL)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:**ABOUT THE COLLEGE**

Barrett, the Honors College is a selective, residential college that recruits academically outstanding undergraduates. Named "Best Honors College" in the nation, this honors community is known nationally for its record-breaking number of National Merit, National Hispanic, and Flinn scholars and its nationally ranked numbers of recipients of Fulbright, Truman, Goldwater, Udall and Marshall fellowships.

Barrett is an international model for supporting ASU honors students with a presence on four campuses, a multimillion dollar endowment used to support honors students and their projects, and dedicated deans, faculty and staff that include 42 Faculty Fellows within the college; more than 1,800 faculty members who teach honors students university-wide each year; and 61 staff. Barrett represents a powerful and unique combination of the special care and attention an honors student should expect in academics and advising from an excellent residential liberal arts college, with the vast program choices and research mentoring resources of a vibrant Research I university.

In 2009, Barrett opened the nation's first comprehensive four-year residential honors college within a top-tier Research I university. The \$140 million nine-acre honors campus community on the Tempe campus includes all the Barrett Faculty Fellows and administration offices; 14 classrooms; 1,700 beds; a dining center with signature refectory and cafe; several courtyards; and a community center with student lounges, activity rooms and computer labs. The four-year residential campus in Tempe expanded to the Vista Del Sol property across the street in 2013 and now accommodates 1,300 additional beds, the honors admission and recruiting operations, and amenities that include a theater, a pool, a writing center, and fitness, recreation and events facilities. Barrett students on the Polytechnic, West and Downtown campuses also enjoy new facilities and the benefits of living in growing honors communities that offer the four-year honors residential component, academic and co-curricular experiences, and

faculty and staff committed to enabling the best education possible for intellectually engaged students from around the world.

PROGRAM REQUIREMENTS

Barrett welcomes applications from highly motivated, high-achieving, academically strong high school seniors and transfer students, as well as students currently enrolled at ASU. Prospective students may apply to Barrett after they have submitted an application to ASU. Current ASU and transfer students can apply for entrance to Barrett in the second semester of the freshmen year or the first semester of the junior year. Admission information and the online application are available on the Barrett website at <https://barretthonors.asu.edu> (<https://barretthonors.asu.edu>).

Barrett students complete a challenging honors curriculum through a combination of honors-only seminars, honors enrichment contracts, internships, research, honors study abroad and a culminating honors thesis or creative project. Generally, students complete 36 hours of honors credits within the 120 credit hours required to earn a bachelor's degree. Details regarding the academic requirements can be viewed using the major map.

STUDENT OPPORTUNITIES

Barrett students take advantage of an array of opportunities that enrich the honors experience.

They receive national and international graduate scholarships. They engage in cutting-edge research with distinguished ASU faculty, and they benefit from special partnerships with the Mayo Clinic, the Biodesign Institute, and Intel. Students are developing iPhone applications, building robots, designing games or developing tools to improve health care, meet global energy needs, provide clean water or secure data and information privacy.

There are more than six hundred internship opportunities developed exclusively for Barrett students. All internships are paid positions with companies or agencies like Goldman Sachs, Google, Microsoft, and the American Heart Institute. Students also secure internships in the Arizona governor's office, local congressional districts, and the United States Senate.

Many Barrett students cultivate leadership opportunities and organize a full range of service, wellness, arts, cultural, social, entrepreneurial and sustainability programming. Popular events on the Tempe campus include Lunch with the Dean, Dinner with Faculty nights, and the Ladies Tea at the historic University Club. Barrett students have opportunities to attend Tony Award-winning Broadway musicals at Gammage theater; explore the world's only Musical Instrument Museum; attend weekly Zumba or Insanity fitness classes; learn healthy eating habits from a certified nutritionist; and share their musical talents at monthly Open Mic Nights in Barrett's very own Burning B Cafe.

Our Downtown Phoenix campus hosts a fantastic Urban Tour series with visits to the time-honored Orpheum Theater and world-renowned Heard Museum. Popular events downtown include Donuts with the Dean, the Barrett Fashion Show and Career Development night, and the Winter Wonderland Barrett Ski trip. Our Polytechnic campus is known for its Innovation Showcase, an impressive exhibition of student projects that demonstrate how students are solving real-world problems with innovative solutions. The Barrett Polytechnic campus faculty and staff also host the Human Event Tribunal, Pottery Painting, Earth Week festival and Golf Land and Sun Splash excursions. Our West campus Barrett faculty and staff host the annual TEDx event and other traditions like the Barrett Ball and Meet the West Campus Deans night.

Barrett students on all four campuses participate in summer abroad programs that enable them to enjoy small classes taught by Barrett faculty and experience different cultures while earning honors credits. Great American Cities is one of the most popular travel programs, with a visit to cities like Boston, New York, New Orleans, Anchorage and Miami to engage in a service project and soak in the history, culture and great food. Other travel opportunities range from turn-around trips to Arizona parks and monuments to overnight trips to San Diego or ski trips to Colorado.

Additional Program Fee: Y

Second Language Requirement: N

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students must complete an application to Arizona State University before submitting a separate application to Barrett, The Honors College. Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett. 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, their ranking within the 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 had unusual life experiences or display significant community involvement.

The Barrett admission application and additional information about the college and its activities are available at <http://barretthonors.asu.edu> (<http://barretthonors.asu.edu>).

Contact Information:

Honors - Barrett, The Honors College
Barrett, The Honors College
<https://barretthonors.asu.edu/>
SGHAL 101

480-965-2354

Integrative Sciences and Arts, College of

Agribusiness (Preveterinary Medicine), BS (AGAGBPBS)

Campus: Polytechnic

Program Description:

The BS in agribusiness teaches students the business of agricultural production, finance, marketing and distribution. Students explore global agr business issues such as international trade, food safety and sustainability through a technology-rich curriculum that focuses on real-world projects.

The agr business industry is increasingly competitive, sophisticated and global, driving demand for innovative leaders who understand the industry's unique challenges and practices. The programs offered through the highly respected College of Integrative Sciences and Arts prepare graduates for success in graduate school or a wide range of careers.

By adding a concentration in preveterinary medicine, students can build on course work in chemistry and biology, to open opportunities for further study, including in veterinary medicine. Others may seek to apply their science knowledge in the human or veterinary pharmaceutical industries or in the food industry, with a focus on processing, production and food safety.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Accounting for more than 50 percent of the global economy and employing 25 percent of Americans, agribusiness brings food from the farm to the global table. Possible career paths include positions in fields such as:

- finance and technical, with private agribusiness firms and governmental agencies
- management
- marketing
- veterinary medicine

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Biological Sciences (Applied Biological Sciences), BS (TSABSABS)

Campus: Polytechnic

Program Description:

The BS program with a concentration in applied biological sciences offers students solid foundations in biology and related sciences while allowing them to focus on an area of special interest. This concentration works well for students interested in pursuing research careers in biology or for students planning to enter graduate or professional programs related to human health including:

- biotechnology
- dentistry
- epidemiology
- medical technology
- medicine
- physical therapy
- public health
- physician's assistant programs

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates may pursue entry-level careers in wildlife and restoration ecology, urban horticulture and secondary education. The general program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dentistry
- environmental biotechnology
- human health
- medicine
- physical therapy
- secondary education

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS (TSABSRBS)

Campus: Polytechnic

Program Description:

The applied ecology and preveterinary medicine concentration is designed for students who want a strong scientific foundation in animal biology and health. It is especially appropriate for students planning to enter graduate or professional programs in veterinary medicine, animal health, or wildlife biology and ecology, or to start careers related to wildlife biology, ecology, restoration and rangeland management. Public and private career options are diverse and include small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, animal biology and habitat research and secondary education.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Applied Biological Sciences (MS). Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates can pursue numerous entry-level careers in animal health and nutrition. The program in applied biological sciences also prepares graduates to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- veterinary medicine

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

Campus: Polytechnic

Program Description:

This program focuses on educating students to be scientist-practitioners with skills that will allow them to work in government agencies or environmental consulting firms or enter graduate programs in the area of natural resource ecology. The curriculum combines a strong foundation in biology, chemistry, physics and mathematics, with a solid grounding in in the ecology of wildlife, water resources or rangelands.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 251

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities for graduates from this concentration include employment in public agencies and private consulting firms, and includes possible positions such as:

- environmental consultant
- environmental research and education
- park manager
- wildland or range manager
- wildlife biologist or ecologist

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/>

SANCA 201

cisa@asu.edu

602-496-0658

Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

Campus: Polytechnic

Program Description:

The purpose of the concentration in preveterinary medicine in the BS program in Applied Biological Sciences is to prepare undergraduate students to successfully complete the admission requirements for pursuing an advanced degree in veterinary medicine. The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics, animal science and mathematics while offering specialized courses in veterinary medicine and opportunities for placement in internships in the field.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 251

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities for graduates of this program may include entry into professional programs in veterinary medicine and animal health including small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, education and animal biology research.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/>

SANCA 201

cisa@asu.edu

602-496-0658

Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

Campus: Polytechnic

Program Description:

The secondary education in biology concentration is designed for students who want to teach biology at the high school level. In addition to the standard curriculum, students will receive hands-on experience in laboratory instruction in the applied biological sciences concentration. Our goal is to prepare teachers who excel in biology and the related sciences.

Students should also contact the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates can pursue numerous entry-level careers in biology. Specific career fields include secondary education, wildlife and restoration ecology,

and urban horticulture. Employment opportunities exist in private and public sectors. The general program in applied biological sciences also prepares graduates to succeed in graduate or professional schools in disciplines such as:

- animal health
- dentistry
- ecology
- environmental biotechnology
- horticulture
- medicine
- physical therapy
- teaching
- wildlife biology

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

Campus: Polytechnic

Program Description:

The sustainable horticulture concentration is designed for students who want theory and practical experiences in the unique aspects of the culture of plants in an urban desert environment. Students acquire the skills to produce, design and care for ornamental and edible plantscapes using sustainable technologies.

Students are prepared for a range of horticulture careers in the private and public sectors, including in nursery plant production, landscape design and culture as well as local food production and organic urban farming.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Horticulture is a multibillion dollar national and international enterprise that offers a diverse and exciting choice of professional careers. Graduates can pursue numerous entry-level careers in horticulture. Employment opportunities exist in private and public sectors. The sustainable horticulture concentration prepares graduates to succeed in graduate or professional schools in disciplines such as:

- aftermarket care of plants
- biology of the plants in desert cities
- care and management of trees in cities
- creation of public, community and private gardens in arid climates
- design and installation of outdoor landscapes including landscape irrigation systems
- integrated pest management

- nursery production
- marketing
- organic farming
- plant identification
- plant propagation

The general program in sustainable horticulture also prepares graduates to succeed in roles such as:

- arboretum or botanical garden manager
- city horticulturist
- city park superintendent or manager
- horticultural consultant
- horticultural plant researcher or educator
- horticulture products and supplies
- horticulture supply sales representative
- integrated pest management specialist
- interior plant specialist
- irrigation system designer or consultant
- landscape designer or contractor
- landscape services company owner or operator
- nursery plant broker and plant salesperson
- nursery production owner or manager
- organic farmer or permaculturist
- plant propagator
- urban forester, tree specialist or arborist
- urban plant ecologist

Career opportunities for urban horticulture graduates are not limited to any one geographic location; graduates can embark on careers throughout the United States, Canada, Mexico, and overseas.

Contact Information:

Integrative Sciences and Arts, College of
 College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Mathematics, BS (LSMATBS)

Campus: Polytechnic

Program Description:

The BS program in applied mathematics offered by the College of Integrative Sciences and Arts is a transdisciplinary program focused on developing flexible problem-solvers who can apply mathematical techniques and skills to a wide range of problems in the biological and physical sciences. The course work builds a foundation in mathematical modeling, data analysis and the interpretation of mathematical results in real-world settings. Students choose science electives in applied biology, applied physics or other areas of interest to complement and provide context for their mathematical training.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Students in this program will be prepared to apply their analytic skills and technical knowledge to problems in a range of careers in industry, government, education or nonprofit organizations. They also may pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and applied mathematics such as in mathematical biology).

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Applied Physics, BS (LSAPHYBS)

Campus: Polytechnic

Program Description:

The acceleration of advances at the frontier between physics, engineering and technology creates a need for interdisciplinary training and research that is not readily accommodated by traditional single-focus programs in physics. Bringing fundamental physics together with its immediate applications, the BS in applied physics will be attractive to students whose interests span new physical technologies in industry and engineering. The degree combines physics, computer science and applied mathematics to tackle complex real-life problems in physics, material sciences, engineering, chemistry and others.

The bachelor's degree program brings together the expertise of physics faculty, particularly in modeling of physical systems which relies heavily on both modern numerical techniques and fundamental physics. The growing presence of Intel and other high-tech companies in the east valley and metropolitan Phoenix presents a unique opportunity to enhance the students' interaction with industry. Given the importance of hands-on experience, the degree program offers a series of unique courses allowing students interactive involvement in a project-based environment.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of this program should be able to apply their knowledge in high-performance and scientific computing, biophysics, condensed matter physics, chemistry, material science, electrodynamics, and radar physics. This knowledge is vital for employment in chemical and pharmaceutical companies, environmental management agencies, and firms specializing in scientific software. Graduates should also be prepared to continue their studies in graduate programs in physics and chemistry.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu>
WANER 101
cisa@asu.edu
480-727-1526

Applied Quantitative Science, BS (LSAQSBBS)

Campus: Downtown Phoenix, Polytechnic, Tempe, West

Program Description:

Students will learn to integrate and apply STEM-like skills that are increasingly in demand in the 21st century. Students who complete the applied quantitative science degree program will acquire the following six "habits of mind" related to 21st century skills. A habit of mind is a mental activity that becomes increasingly automatic over progress through the curriculum and extends into career development.

- apply and project quantitative reasoning to unfamiliar contexts
- communicate well within and without the expert domain
- critically and adaptably think about complex problems
- effectively search through and evaluate information
- experiment creatively and in an informed manner in search of new insights
- use sophisticated insight involving statistical inference and quantitative reasoning

This program is offered as a stand-alone degree on the Polytechnic campus. Students pursuing degrees on all four metropolitan campuses can add this degree as a concurrent degree.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Increasingly, employers are hiring people who know how to use quantitative information. By completing this degree program, students will equip themselves with 21st century skills and knowledge that will be appealing to employers. People who work in any business or industry needs to use quantitative skills to solve problems.

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 Science (Technical Communication), BAS (LSTECBAS)

Campus: Polytechnic

Program Description:

The BAS in technical communication is a flexible degree plan designed specifically for students who have earned an AAS from a regionally accredited institution. This major combines the technical experience gained in the student's associate degree program with a broader education of skills in management, leadership, critical thinking and communication.

Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In the technical communication concentration, students learn how to produce, design and manage information using both traditional and developing technologies.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from

Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Career Opportunities:

The Bureau of Labor Statistics estimates the need for writers and editors will increase by 25 percent during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers. Students in the program will prepare for careers as:

- advertising and promotions managers
- communications teachers (postsecondary)
- copy writers
- correspondence clerks
- court clerks
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- reporters and correspondents
- technical writers
- writers and authors

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Communication, BA (LSCOMBA)

Campus: Downtown Phoenix, Polytechnic

Program Description:

The BA in communication in the College of Integrative Sciences and Arts explores how communication processes create, maintain and transform identities, relationships, workplaces and communities. With a dual emphasis on urban communication and technology, it allows for a concerted focus on the rapidly changing modalities of communication occurring today. The program's mission statement is: Through the study and critique of human communication, we generate knowledge, creativity and understanding to facilitate healthy relationships and workplaces, civil and secure communities, and constructive intercultural interaction.

Majors complete a minimum of 12 upper-division credit hours of COM courses offered by the College of Integrative Sciences and Arts.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Central Arizona College (<http://transfer.asu.edu/central-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Graduates of our program often attend other top-tier graduate schools, law schools and business schools, or find gainful employment in careers such as these:

- advertising and promotions managers
- clinical research coordinators
- communications teachers, postsecondary
- correspondence clerks
- customer service representatives
- distance learning coordinators
- editors
- education administrators, postsecondary
- labor relations specialists
- lawyers
- legal support workers, all other
- marketing managers
- media and communication workers, all other
- meeting, convention and event planners
- middle school teachers
- paralegals and legal assistants
- postsecondary teachers
- public address system and other announcers
- public relations specialists
- retail salespersons
- sales and related workers
- sales managers
- sales representatives
- secondary school teachers
- survey researchers
- training and development managers
- training and development specialists

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

English, BA (LSENGBA)

Campus: Polytechnic

Program Description:

The BA program in English focuses on effective writing, critical thinking and sophisticated reading of literary and nonliterary texts. Our faculty teach courses in English, American and world literature, from the Classical period to the present; creative and academic writing; and American and international film. We also offer internships in online publishing through our acclaimed online literary journal, *Superstition Review*:

<https://superstitionreview.asu.edu/> (<https://superstitionreview.asu.edu/>)

Majors complete a minimum of 12 upper-division credit hours of ENG courses offered by the College of Integrative Sciences and Arts.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The bachelor's degree program in English prepares scholars and teachers for graduate or professional study and for careers in education, writing and other related fields. Career prospects for secondary language arts teachers in Arizona are particularly strong. More importantly, students in the program will develop skills that employers value, such as analyzing ideas and problems, finding and evaluating information, communicating effectively, and presenting clear and logical arguments. With these skills, graduates of the program can find jobs such as these:

- advertising and promotions managers
- broadcast news analysts
- copy writers
- court reporters
- editors
- English language and literature teachers
- judicial law clerks
- lawyers
- legal support workers
- marketing managers
- media and communication workers
- middle school teachers
- paralegals and legal assistants
- poets, lyricists and creative writers
- postsecondary teachers
- public relations specialists
- sales managers
- sales representatives
- secondary school teachers
- teachers and instructors
- technical writers
- writers and authors

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

Exploratory Health and Life Sciences, (UCHSCIEXPL)

Campus: Downtown Phoenix, Lake Havasu, Polytechnic, Tempe, Online

Program Description:

The exploratory health and life sciences track affords students an opportunity to explore a variety of majors related to the health and life science professions. ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting general studies requirements that all ASU graduates must fulfill as well as affording students some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses which must be taken sequentially:

UNI 150 Major and Career Exploration (1)

UNI 250 Choosing a Major (1)

UNI 270 Career Direction for a Successful Future (1)

For a complete list of all majors associated with this exploratory track, refer to <https://cisa.asu.edu/exp-health-life-sciences-majors> (<https://cisa.asu.edu/exp-health-life-sciences-majors>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

exploratory@asu.edu

Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)

Campus: Downtown Phoenix, Lake Havasu, Polytechnic, Tempe, Online

Program Description:

The exploratory humanities, fine arts and design track affords students an opportunity to explore a variety of majors related to the humanities, fine arts and design professions. ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting general studies requirements that all ASU graduates must fulfill as well as affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses which must be taken sequentially:

UNI 150 Major and Career Exploration (1)
UNI 250 Choosing a Major (1)
UNI 270 Career Direction for a Successful Future (1)

For a complete list of all majors associated with this exploratory track, reference <https://cisa.asu.edu/exp-art-design-humanities-majors> (<https://cisa.asu.edu/exp-art-design-humanities-majors>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

exploratory@asu.edu

Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:

The exploratory mathematics, physical sciences, engineering and technology track affords students an opportunity to explore a variety of majors related to the mathematics, physical sciences, engineering and technology professions. ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting general studies requirements that all ASU graduates must fulfill as well as take some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses which must be taken sequentially:

UNI 150 Major and Career Exploration (1)
UNI 250 Choosing a Major (1)
UNI 270 Career Direction for a Successful Future (1)

For a complete list of all majors associated with this exploratory track, reference <https://cisa.asu.edu/exp-engineering-math-technology-physical-sciences-majors> (<https://cisa.asu.edu/exp-engineering-math-technology-physical-sciences-majors>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

exploratory@asu.edu

Exploratory Social and Behavioral Sciences, (UCSBSEXPL)

Campus: Downtown Phoenix, Lake Havasu, Polytechnic, Tempe, Online

Program Description:

The exploratory social and behavioral sciences track affords students an opportunity to explore a variety of majors related to the social and behavioral sciences such as psychology, history, education, journalism and business-related careers. ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits students to begin meeting general studies requirements that all ASU graduates must fulfill as well as take some time to explore a variety of academic courses that may lead to a potential major interest.

All College of Integrative Sciences and Arts exploratory students are required to enroll in the following major and career exploration courses which must be taken sequentially:

UNI 150 Major and Career Exploration (1)

UNI 250 Choosing a Major (1)

UNI 270 Career Direction for a Successful Future (1)

For a complete list of all majors associated with this exploratory track, reference <https://cisa.asu.edu/exp-social-behavioral-sciences-majors> (<https://cisa.asu.edu/exp-social-behavioral-sciences-majors>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: Math courses needed will be determined by potential major choice.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

exploratory@asu.edu

General Studies, BA (LSGNSBGS)

Campus: Downtown Phoenix, Lake Havasu, Polytechnic

Program Description:

The BA in general studies offers students a flexible, innovative path to degree completion. Graduates of the program will be informed and effective members of society who are well-prepared for a changing global marketplace with its diverse cultures.

The theme of this degree is society and the individual. Students will explore the tensions between individualism and collectivism, the public and private selves and the interplay of culture and identity.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

General studies majors have the option of working in almost any field that requires effective interaction with others, from sales to social services and organizational management to government administration. Graduates will be equipped with transferable skills highly desired by many employers; therefore, a wide array of job choices are available. The bachelor's degree creates great flexibility in career choice because of the versatility within the program.

Graduates may choose to enter one of the occupations for which their cluster prepares them, including:

- administrative services manager
- curator
- medical and health service
- middle school teacher
- postsecondary teacher
- property, real estate and community association managers
- public relations specialist
- purchasing manager
- real estate sales agent
- sales manager
- writer and author

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

History, BA (LSHISBA)

Campus: Polytechnic

Program Description:

The BA in history focuses on American and European history, with a special emphasis on the history of the Southwest, environmental history and related fields. Students are trained in methods of historical research and study the development of human society from social, cultural, political and economic perspectives.

Majors complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Students who would like to combine this degree with teaching certification should also contact the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The bachelor's degree program in history prepares scholars and teachers for graduate and professional studies and for careers in education, writing and other related fields. Career prospects for secondary history and social studies teachers in Arizona are particularly strong. Students in the program develop skills in:

- analyzing ideas and problems

- communicating effectively
- finding and evaluating information
- presenting clear and logical arguments

With these skills, graduates of this program may find jobs as:

- archivists
- broadcast news analysts
- court reporters
- curators
- historians
- history teachers
- judicial law clerks
- lawyers
- legal support workers
- media and communication workers
- middle school teachers
- museum technicians and conservators
- paralegals and legal assistants
- postsecondary teachers
- reporters and correspondents
- secondary school teachers
- teachers and instructors
- writers and authors

The degree also prepares students to continue in graduate and professional programs.

Contact Information:

Integrative Sciences and Arts, College of
 College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Interdisciplinary Studies, BA (LSBISBIS)

Campus: Downtown Phoenix, Polytechnic, Tempe, Online

Program Description:

The ASU interdisciplinary studies degree, one of the top five in the country, offers students the freedom to select two concentration areas from a rich menu of more than 160 possibilities (see concentration check sheets at <https://cisa.asu.edu/interdisciplinary-studies-concentrations> (<https://cisa.asu.edu/interdisciplinary-studies-concentrations>)). The core curriculum provides students the intellectual tools to integrate their concentration areas, engage in transdisciplinary problem-solving and prepare for careers and graduate programs that increasingly cross disciplinary boundaries.

An interdisciplinary studies student could choose to integrate concentrations like music and business, applied psychology and social welfare, communication and justice studies, public administration and ethics, digital culture and computer gaming, or many other unique combinations.

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary studies students take an active role in designing their educational plans and defining their career goals. The degree emphasizes written communication, versatility, self-assessment and critical thinking -- essential skills for today's dynamic world.

Those interested in the interdisciplinary studies online program may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The program is available to all students in good academic standing who have achieved sophomore, junior or senior standing. Students should complete the online pre-advising workshop (found in student resources at <https://cisa.asu.edu/bisworkshop> (<https://cisa.asu.edu/bisworkshop>)) prior to meeting with an advisor to declare their major as interdisciplinary studies.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Because of the flexibility of the interdisciplinary studies program, graduates take many exciting career paths after leaving ASU. While some students complete graduate or professional degrees, others immediately enter the job market. For example, one graduate combined business and communication and now owns a small business; another integrated sociology and family studies to further a career in law enforcement; another studied philosophy and economics to prepare for law school; another combined biology and chemistry in preparation to pursue a master of pharmacy degree; yet another studied Spanish and religious studies and now works as an employee trainer for a major company.

Possible career opportunities include:

- archivist
- chief executive
- climate change analyst
- compliance manager
- computer network support specialist
- curator
- editor
- environmental restoration planner
- general and operations manager
- regulatory affairs manager
- reporters and correspondent
- Web developer
- wholesale and retail buyer (except farm products)

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

bis@asu.edu

Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

Campus: Online

Program Description:

Please note: Students interested in completing the BA program in the Gila Valley or Yuma are encouraged to complete a Transfer Admission Guarantee (TAG) program. Please see admission requirements below.

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary students develop the intellectual tools needed to build bridges between academic disciplines and apply their skills, innovations and knowledge in various academic and practical settings. The degree in organizational studies is intended for students seeking an interdisciplinary degree and possessing a desire to learn about the dynamics of contemporary organizations. Organizational studies students gain valuable knowledge of management styles, communication strategies, technologies, diversity, ethics and politics. All course work for organizational studies is offered online, giving students freedom and flexibility in completing their requirements.

Those interested in the interdisciplinary studies (organizational studies) online program may visit the ASU Online website for more information.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Gila Valley Students:

ASU has a pathway that allows students to complete the ASU Transfer Admission Guarantee in interdisciplinary studies with a concentration in organizational studies, a prescribed sequence of courses that meets the requirements for the community college's Associate of Arts degree and the lower-division requirements for the ASU Bachelor of Arts in Interdisciplinary Studies (Organizational Studies). Upon completion of the TAG, students will complete the remaining requirements for ASU's bachelor's program. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at local community colleges.

This program may also accept transfer credit in lieu of a TAG agreement. Please contact the department for details.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-interdisciplinary-studies-organizational-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

By engaging in a breadth of knowledge and experience, and by acquiring the skills to integrate various domains of knowledge, students prepare themselves for a range of careers, including as:

- human resources specialists
- industrial organizational psychologists
- investment fund managers
- loss prevention managers
- management analysts
- regulatory affairs managers
- supply chain managers
- urban and regional planners

Many organizational studies students already have a chosen career field, yet desire a degree that is versatile, flexible, meaningful and that affords the opportunity for continued career development and advancement. Because of the flexibility of the program, organizational studies graduates take many different career paths after finishing their degree. Recent graduates have found opportunities in many exciting fields such as:

- business
- education
- health care administration
- nonprofit administration
- tourism

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisaonline@asu.edu

Liberal Studies, BA (LABLSBLS)

Campus: Polytechnic, The Gila Valley, Online

Program Description:

Please note: Students interested in completing the BA program at the Gila Valley location are encouraged to complete a Transfer Admission Guarantee. Please see admission requirements below.

The liberal studies program helps to address student interests in a broad array of disciplines and subject matter. The program aims to give students the grounding to use knowledge as more successful thinkers, decision-makers and leaders. The liberal studies core classes are designed to: promote critical and creative thinking as students learn how to draw upon diverse disciplinary perspectives and modes of inquiry, help advance communication skills, and support professional career development.

Students majoring in liberal studies have become part of an international movement in higher education. This movement has proven empowering to people who are given the flexibility to explore multiple interests or approach a particular interest from various perspectives. Students are not alone in their chosen path. In fact, this program is just one of hundreds of similar programs offered in colleges and universities across the nation.

The program shares with all other liberal arts and science degrees the goal of developing analytical and communicative abilities. The program offers breadth of learning in an online setting. The liberal studies degree is transdisciplinary, providing students a thematic approach to education.

For more information on eligibility requirements, visit the college website.

Students interested in the program offered in the Gila Valley or Yuma should consider completing a TAG program. Arizona State University and Eastern Arizona College have established a partnership that allows students to complete their associate degree at EAC and then pursue this bachelor's degree through classes delivered on the EAC Thatcher campus. Visit <https://transfer.asu.edu/eac> (<https://transfer.asu.edu/eac>) for more information about ASU degrees offered at Eastern Arizona College Thatcher campus in the Gila Valley. View the major map for this program here: <https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LABLSBLS/null/EAC/2016> (<https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LABLSBLS/null/EAC/2016>)

Those interested in the liberal studies online program may visit the ASU Online website for more information.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:
The Gila Valley Students:

ASU has a pathway that allows students to complete the ASU Transfer Admission Guarantee in liberal studies, a prescribed sequence of courses that meets the requirements for the community college's Associate of Arts degree and the lower-division requirements for the ASU Bachelor of Arts in Liberal Studies. Upon completion of the TAG, students will complete the remaining requirements for ASU's bachelor's program. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at local community colleges.

This program may also accept transfer credit in lieu of a TAG agreement. Please contact the department for details.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-liberal-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

- Arizona Western College (<http://transfer.asu.edu/az-western>)
- Central Arizona College (<http://transfer.asu.edu/central-az>)
- Cochise College (<http://transfer.asu.edu/cochise>)
- Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
- Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
- Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)
- Pima Community College (<http://transfer.asu.edu/pima>)
- Yavapai College (<http://transfer.asu.edu/yavapai>)
- Coconino Community College (<http://transfer.asu.edu/coconino>)

Career Opportunities:

Liberal studies graduates are prepared to enter the workforce or pursue graduate or professional studies.

Liberal studies courses prepare students for careers as:

- chief executives
- data warehousing specialists
- document management specialists
- elementary, middle and high school principals
- emergency medical technicians and paramedics
- general and operations managers
- human resources specialists
- industrial ecologists
- lawyers
- paralegals and legal assistants
- police detectives
- postsecondary teachers
- technical writers
- Web administrators

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisaonline@asu.edu

Organizational Leadership, BA (LSORGLBA)

Campus: Lake Havasu, Polytechnic, The Gila Valley, CAC, Yuma, Online

Program Description:

Please note: Students interested in completing the BA program in the Gila Valley, Pinal County or Yuma are encouraged to complete a Transfer Admission Guarantee program. Please see admission requirements below.

The BA program in organizational leadership uses transdisciplinary methods that prepare students to become leaders in organizations. Students

develop skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in organizations. Students will be prepared for a range of positions in the public and private sectors, including in government, health care administration, nonprofit agencies, in businesses and the service industry.

Arizona State University has established partnerships with Arizona Western College, Central Arizona College and Eastern Arizona College that allows students to complete their associate degree at AWC, CAC or EAC and then pursue this bachelor's degree through classes delivered on these campuses. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at these locations.

This program is also offered at the ASU Colleges in Lake Havasu City. View the major map here:

<https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LSORGLBA/null/CALHC/2016>

(<https://webapp4.asu.edu/programs/t5/roadmaps/ASU00/LSORGLBA/null/CALHC/2016>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics Online: MAT 142 or MAT 117 or higher. Lake Havasu: MAT 117 or higher. Students simply need to fulfill the General Studies math requirement.

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Gila Valley and Yuma Students:

ASU has a pathway that allows students to complete the ASU Transfer Admission Guarantee in organizational leadership, a prescribed sequence of courses that meets the requirements for the community college's Associate of Arts degree and the lower-division requirements for the ASU Bachelor of Arts in organizational leadership. Upon completion of the TAG, students will complete the remaining requirements for ASU's bachelor's program. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at local community colleges.

This program may also accept transfer credit in lieu of a TAG agreement. Please contact the department for details.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-organizational-leadership?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Dine College (Dine College)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Tohono O'odham Community College (Tohono O'odham Community College)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Career Opportunities:

Graduates will possess skills and knowledge needed for leadership positions in a wide range of organizations --- such as business, government, health care administration, nonprofit agencies and service industry. Students who complete the degree on the ground in Lake Havasu City will choose from three concentrations, with the following job titles based on information from other universities with similar degrees:

- organizational behavior: knowledge manager, director of employee services, director of training, diversity specialist, performance evaluation specialist, community relations manager
- organizational leadership: director of youth development, sales manager, executive assistant, housing assistant, supervisor, service manager, deputy sheriff trainee, sales executive, knowledge manager, talent manager, organization development consultant
- project management: project manager, account manager, facilities manager, senior video producer

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisaonline@asu.edu

Political Science, BS (LSPOLBS)

Campus: Polytechnic

Program Description:

The BS in political science gives students the background and skills to gain employment in a relevant profession or to continue their studies in graduate programs in political science, in the social sciences or to pursue a particular discipline at a professional school. The program helps students understand the assumptions underlying political science and develop the research skills to analyze complex socio-political issues. Those objectives are accomplished by offering a flexible program and by providing students with both individual and group experiences working with faculty on concrete intellectual and policy issues.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The program serves as good preparation for staff, manager or policy analyst positions in local, state and federal government. This degree is recognized by employers as qualification for many careers in business (for-profit and nonprofit) and industry. Opportunities may include positions that involve binational, crossborder positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or a basis for further study in such applied fields as:

- community development
- political science
- public administration
- public policy
- social science
- urban affairs
- urban and regional planning

Contact Information:

Integrative Sciences and Arts, College of
College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Science, Technology and Society, BS (ECSTSBS)

Campus: Polytechnic

Program Description:

Questions surrounding the interaction of science, technology and human systems are highly transdisciplinary and cultural, requiring analytical techniques that transcend space and time. Thus, the science, technology and society program stresses the need to step outside both disciplinary and cultural boxes in pursuit of knowledge. Accordingly, the program is heavy on cultural and information literacy and critical thinking. The primary goal is to produce generalists who understand the intricate interrelationship of science, technology and society and are armed with the technical skills to change their environment. The following three tracks are available:

- general science, technology and society
- global technology and development
- science, technology and governance

Students may use the general science, technology and society track to design targeted programs of their choosing, including premed and prelaw.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The bachelor's degree program in science, technology and society prepares professionals and scholars for careers in the 21st century world focusing primarily, but not exclusively, on the interaction of science and technology with human systems. The program focuses on the development of the technical skills required to audit social, political and policy impacts of technological advancement and the competence required to navigate questions surrounding the future trajectory of science and technology. Graduates are prepared for graduate or professional study or professional careers as:

- commercial and industrial designers
- compliance managers
- environmental restoration planners
- public relations specialists
- recycling coordinators
- regulatory affairs specialists
- sales representatives (wholesale, manufacturing, technical, scientific products)
- sustainability specialists
- training and development specialists
- transportation planners
- urban and regional planners

Contact Information:

Integrative Sciences and Arts, College of

College of Integrative Sciences and Arts

<https://cisa.asu.edu/program-contacts>

cisa@asu.edu

Technical Communication, BS (LSTECBS)

Campus: Polytechnic, Online

Program Description:

Technical communication is applied workplace communication that makes technical or specialized information understandable and available to many different users. It involves using a range of technologies to craft an ever expanding array of print and digital information products: websites, social media sites, help files, training materials, grants and proposals, and information graphics, to name just a few. Technical communicators work in many professional roles, such as information developers, grant writers, Web interface designers or usability experts. What all of these roles have in common is the focus on creating accessible and appealing communication that has a practical purpose and is intended for a particular audience. In the technical communication program, students learn how to write, design, produce and manage print and digital information using traditional and developing technologies.

The BS in technical communication in the College of Integrative Sciences and Arts is the only undergraduate technical communication degree program available in the state of Arizona.

Those interested in the technical communication online program may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-science-technical-communication?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The Bureau of Labor Statistics estimates that job growth in technical writing and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers. Students in the program will prepare for careers as:

- communications teachers (postsecondary)
- computer user support specialists
- copy writers
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- reporters and correspondents

- technical writers
- Web developers
- writers and authors

Contact Information:

Integrative Sciences and Arts, College of
 College of Integrative Sciences and Arts
<https://cisa.asu.edu/program-contacts>

cisaonline@asu.edu

Interdisciplinary Arts & Sciences, New College of

Applied Computing, BS (ASACOBS)

Campus: Lake Havasu, West

Program Description:

The School of Mathematical and Natural Sciences offers a BS degree in applied computing in the New College of Interdisciplinary Arts and Science at ASU's West campus.

Applied computing provides a foundation in computer science, combining technical computing skills with an understanding of the impact of computer science in real-world contexts.

The applied computing program's technical component is concerned with the design and use of appropriate systems and technologies, while its social sciences component is concerned with understanding how people seek, obtain, evaluate, use and categorize information.

Lower-division courses provide a computer science foundation, while upper-division courses emphasize database systems and computer networks. The program offers small class sizes and extensive opportunities for research, and requires an internship or research with a professor, typically completed during the senior year.

Graduates are prepared for graduate study as well as for entry-level employment in information technology roles in a variety of businesses, nonprofits, government agencies and academic institutions.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students are prepared to integrate technology with human activities, respond to global changes, solve problems, and create and manage the technological production of information and creative products. Core information technology industries are among the fastest growing sectors in the U.S. economy. Graduates will find employment opportunities with corporations and businesses, nonprofit and government agencies, digital arts

media industries and in the academic world.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/applied-computing-degree>
FAB N100
mnsadvising@asu.edu
602-543-6050

Applied Mathematics, BS (ASMATBS)

Campus: West

Program Description:

The School of Mathematical and Natural Sciences offers a BS degree in applied mathematics in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Applied mathematics is an interdisciplinary program that provides a broad and rigorous foundation in applied mathematics. It includes a foundation in computing and statistics as well as both theoretical and applied mathematics.

The program emphasizes quantitative problem-solving and critical thinking through courses that expose students to a variety of mathematical theories, techniques and applications currently used by analysts and researchers in government, industry and nonprofit organizations.

Students also complete a capstone project involving real-world problems under the supervision of an advisor and in close consultation with an external project sponsor.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates are prepared for entry-level positions in industry, finance, government, nonprofit organizations and education. They also may pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and computer science), and their career interests would suggest the appropriate degree tracks and choice of courses, such as:

- applied mathematical networks
- financial mathematics
- general applied mathematics
- mathematical biology
- operations research

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>
FAB N100
mnsadvising@asu.edu
602-543-6050

Applied Science, BAS (ASBASBAS)

Campus: West

Program Description:

The School of Humanities, Arts, and Cultural Studies offers a BAS degree in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This program for students who have already earned an AAS degree allows students to apply the technical knowledge gained from their associate degree and significantly broaden their education.

The program offers several unique areas of concentration tailored to students' individual interests and career goals. These include business, communication, criminal justice, teaching, environmental issues, languages and cultures, and social sciences.

Students who have earned an AAS from an accredited institution may transfer up to 60 credit hours plus another 15 hours of general studies courses from an accredited Arizona community college. The program also includes a capstone project.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

Career Opportunities:

Because the program allows students to tailor their concentration, graduates are prepared for a wide range of career opportunities as well as graduate programs in law, business, social sciences and education.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/applied-science-degree>
FAB N201
harc sadvising@asu.edu
602-543-4444

Biology, BA (ASLSCBA)

Campus: West

Program Description:

The School of Mathematical and Natural Sciences offers a BA in biology in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The biology program, with an emphasis in the natural sciences, examines the interdisciplinary nature of the life and physical sciences, focusing on the ways in which these disciplines intersect. The program's organization and flexibility allows students to simultaneously study another subject outside their major, and students are encouraged to minor or add a concurrent degree in another subject area.

Students gain hands-on experience as they work both in small groups and one-on-one with individual faculty members. Students may participate in cutting-edge scientific research by assisting in faculty research laboratories or even publish in top journals and present their results at regional and national scientific meetings.

Graduates are prepared for entry-level jobs in research, nonprofit, education and outreach organizations or other roles in the life sciences and for related graduate programs.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students have a wide variety of options, including pursuing graduate studies or seeking careers that include:

- environmental management and conservation
- health professional programs
- laboratory research
- primary and secondary school teaching
- science advisors to businesses and government
- science writing

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N100

mnsadvising@asu.edu

602-543-6050

Biology, BS (ASLSCBS)

Campus: Lake Havasu, West

Program Description:

The School of Mathematical and Natural Sciences offers a BS in biology in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The biology program, with an emphasis in the natural sciences, examines these disciplines through experiential learning, and all of the program's core courses include laboratories. By learning in an integrative environment that emphasizes the connectedness of the life sciences, students gain a better understanding of larger scientific concepts and can view these concepts from multiple perspectives.

Students are encouraged to conduct independent research under the mentorship of faculty members or during internships. Some even publish in top journals and present their results at scientific meetings.

Graduates are prepared for employment with state and federal agencies or private organizations such as biomedical laboratories and environmental consultancies, or to enter graduate or doctoral programs in human or veterinary medicine, pharmacy, dentistry or scientific research.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

The bachelor's degree in biology prepares students for a wide range of careers by offering course and laboratory work and quantitative research opportunities that develop fundamental problem-solving, critical thinking, writing and communication skills. Graduates may enter careers in:

- business
- laboratory or field research
- medicine
- publishing
- scientific journalism
- teaching

Undergraduate laboratory experience, both on and off campus, enhances employability as a laboratory technician or research associate in university and government research laboratories; in hospital and diagnostic laboratories; and in pharmaceutical, biotechnology, agricultural and food processing companies.

Students engaged in field studies are prepared for entry-level positions in private companies and state and federal agencies (e.g., wildlife biologist, environmental consultant or conservation officer).

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N100

mnsadvising@asu.edu

Biology (Environmental Science), BS (ASLSCEBS)

Campus: Lake Havasu, West

Program Description:

The School of Mathematical and Natural Sciences offers a BS in biology with a concentration in environmental science in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

All the core courses, which emphasize experiential learning, include required laboratories. By learning in an integrative environment that underscores the connectedness of these disciplines, students gain a better understanding of larger scientific concepts and can view these concepts from multiple perspectives. Students pursuing this concentration will take a more environmental science set of courses than those pursuing a BS in biology.

While the emphasis is on science, students will learn to approach environmental science from an interdisciplinary perspective, in part by studying environmental ethics and policy.

Graduates are prepared for entry-level employment in the growing field of environmental science (which includes environmental consulting, environmental remediation, natural resource management and more) as well as for graduate programs in environmental science or related disciplines.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

According to the 2010-2011 Occupational Outlook Handbook (U.S. Bureau of Labor Statistics, 2010), employment of environmental scientists is expected to grow by 28 percent between 2008 and 2018. This is far more rapid growth than the average rate of growth for all occupations. The handbook indicates most rapid growth will occur in the private sector (primarily, in private environmental consulting firms).

This concentration will allow students to tailor their courses of study to interests they possess in the science of the environment, to help prepare them for careers in the public and private sectors (e.g., in environmental consulting, environmental remediation, natural resource management, etc.) as well as entry into graduate programs in environmental science and related disciplines.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N100

mnsadvising@asu.edu

602-543-6050

Biology (Forensics), BS (ASLSCFBS)

Campus: West

Program Description:

The School of Mathematical and Natural Sciences offers a BS in biology with a concentration in forensics in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The forensics concentration emphasizes the study of scientific techniques used to solve crimes. Students pursuing the forensics concentration will take a more forensics-relevant set of courses than those students pursuing the BS degree in biology.

Much of the required course work will be completed in chemistry or biology lab science courses, to ensure that graduates of this program are more competitive as they apply to graduate degree programs, pursue relevant careers and enter the workforce.

Graduates are prepared to pursue careers in forensics laboratories and in the research and development of new criminal forensic technologies. Completion of the bachelor's degree in biology also ensures graduates are prepared for graduate, professional or medical degree programs.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of this program will be able to pursue careers in forensics laboratories and in the research and development of new technologies in forensics. Graduates will be particularly competitive for positions in forensics laboratories because the concentration focuses heavily on chemistry and biology laboratory course work (areas that administrators and current employees in crime labs have reported are critically important). For example, as reliance upon DNA fingerprinting technologies increases, demand for forensic scientists trained in the requisite amounts of molecular biology will increase. The concentration also places focus on oral communication skills (e.g., through course work in argumentation, COM 222 Argumentation (3) or COM 422 Advanced Argumentation (3)), which will prepare graduates for the multifaceted aspects of their careers in forensics (e.g., providing articulate and compelling expert testimony in criminal trials). Graduates of this program will also be well positioned to enter graduate programs in forensic science.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N100

mnsadvising@asu.edu

602-543-6050

Biology (Pharmacology/Toxicology), BS (ASLSCPBS)

Campus: West

Program Description:

The intricate connections among biology, chemistry and physics form the basis of the biology curriculum. The BS program in biology emphasizes experiential learning, and all required core courses have laboratories. By learning in an integrative environment that emphasizes the connectedness of disciplines, students gain a better understanding of larger scientific concepts and can view these concepts from multiple perspectives. Undergraduates have the opportunity to conduct independent research under the mentorship of faculty members or in internships outside the school.

The pharmacology and toxicology concentration approaches the study of these disciplines from both the physiological as well as the biochemical perspective, with an emphasis on both the molecular and physiological components of drug and body interactions.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The bachelor's degree program in biology with a concentration in pharmacology and toxicology prepares students for possible careers as a:

- laboratory researcher
- pharmacist
- physician
- physician's assistant
- veterinarian

Graduates may work at governmental agencies or at private companies in areas such as:

- clinical trials
- product safety evaluation
- regulatory affairs
- teaching

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mns/degrees/naturalsci/lifesciences-program>

FAB N115

mnsadvising@asu.edu

602-543-6050

Communication, BA (ASCOMMBA)

Campus: Lake Havasu, West

Program Description:

The School of Social and Behavioral Sciences offers a BA degree in communication in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The study of communication comprises research, practice and advocacy. Relying upon diverse competencies, it requires an understanding of what contributes to and detracts from effective human communication.

The course work and faculty-led research projects in the communications program cover an array of topics, including work and personal relationships, conflict resolution, social media and technology, global communication, communication philosophy, and risk and crisis communication. Students explore communication in organizations and interpersonal relationships; in public, political and social situations; and across cultures.

Graduates of this program are trained in effective communication skills, are able to write and speak well, and can convey complex ideas effectively. They are prepared for employment in communication-intensive fields or further graduate study.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Central Arizona College (<http://transfer.asu.edu/central-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The Bachelor of Arts in communication is a broadly-based program that trains individuals to speak and write competently; manage relationships well; effectively problem-solve; and understand the role and function of communication in public forums, organizational settings, relational exchanges and intercultural situations. Because these skills are crucial to many professions, communication graduates work in a variety of fields, including:

- advertising
- customer service and customer relations
- education
- fundraising
- health and human services
- human resources
- international service
- legal professions

- lobbying
- management
- marketing
- media and public relations
- mediation
- ministry
- public administration
- public advocacy
- public office
- research
- sales
- social media design and implementation
- speech writing
- training and development

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
 FAB S105
 SBSadvising@asu.edu
 602-543-6058

Communication, BS (ASCOMMBS)

Campus: Lake Havasu, West

Program Description:

The School of Social and Behavioral Sciences offers a BS degree in communication in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The study of communication comprises research, practice and advocacy. Relying upon diverse competencies, it requires an understanding of what contributes to and detracts from effective human communication.

The course work and faculty-led research projects in the communication program covers an array of topics, including work and personal relationships, conflict resolution, social media and technology, global communication, communication philosophy, and risk and crisis communication. Students explore communication in organizations and interpersonal relationships; in public, political and social situations; and across cultures. The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires two statistics courses.

Graduates of this program are trained in effective communication skills, are able to write and speak well, and can convey complex ideas effectively. They are prepared for employment in communication-intensive fields or further graduate study.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Communication Studies (MA)
- Interdisciplinary Studies (MA)
- Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
Yavapai College (<http://transfer.asu.edu/yavapai>)
Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

The Bachelor of Science program in communication prepares graduate to perform various forms of data analysis, communication assessment, and technical reporting. It also prepares students for graduate study in the social sciences, law, humanities, and management. Graduates work in communications-intensive careers such as:

- advertising
- community education
- corporate communications
- crisis management
- customer service and customer relations
- health communication
- human resources management
- media and public relations
- new media
- training and development

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
FAB S105
SBSadvising@asu.edu
602-543-6058

English, BA (ASENGBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in English in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Students in this program learn not only how to write clearly and effectively but also to think critically and construct well-supported arguments.

The program stresses the formal aesthetic qualities of texts and the issues of class, gender, race and ethnicity relating to literary representation. Students will gain a familiarity with standard literary-critical terminology and an awareness of various theoretical approaches to literary study. Students will also become aware of uses of the English language in the U.S. and around the world.

The program provides students with a balanced overview of major literature in the English language and an awareness of the role of literary discourse in broader social and historical contexts.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Upon completion, students will be prepared for graduate study and professional training in law, business, teaching and public policy, as well as careers in marketing, public relations, government, diplomacy and community work.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/english-degree>

FAB N201

harcsadvising@asu.edu

602-543-4444

English (Secondary Education), BA (ASENGSEBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA degree in English with a concentration in secondary education in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This program provides rigorous content in literature, composition, linguistics and secondary teaching, extensively preparing students to meet the needs of all student populations, including attention to levels of academic performance and cultural and linguistic diversity.

The demand for teachers in Arizona is high. Students will complete their teaching internship in school districts in the greater Phoenix area or on one of the 22 Native American nations.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the program earn Arizona Department of Education certification for middle and high school English language arts and are prepared for careers as secondary school teachers.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>

FAB N201

harcsadvising@asu.edu

602-543-4444

Environmental Science, BA (ASENVBA)

Campus: Lake Havasu, West

Program Description:

The BA program in environmental science prepares students to pursue careers in environmental science. The curriculum builds a strong foundation in the natural sciences to understand the biological and chemical functioning of our natural environment, with an additional emphasis on the social, political and economic dimensions of environmental science. The program also focuses on communication, management and planning skills that will prepare graduates for leadership careers in environmental science.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities for graduates of this program 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. Graduates of the program will also be well-qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N115

mnsadvising@asu.edu

602-543-6050

Environmental Science, BS (ASENVBS)

Campus: Lake Havasu, West

Program Description:

The School of Mathematical and Natural Sciences offers a BS in environmental science in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The environmental science program prepares students to pursue careers in environmental science, including but not limited to positions with federal and state agencies, private consulting firms, nongovernment organizations and academic research environments. The curriculum emphasizes many aspects of biological study, including molecular, organismal and ecosystem biology, backed by a strong foundation in chemistry, statistics, and geographic information systems. The program also focuses on written communication and management skills that will prepare graduates for the multifaceted, transdisciplinary aspects of their careers in environmental science.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities for graduates of this program include employment in federal and state agencies (such as the U.S. Bureau of Land Management, U.S. Environmental Protection Agency, U.S. Forest Service, etc.), private consulting firms, and nongovernmental and nonprofit organizations. Graduates of the program will also be well-qualified to pursue graduate studies in relevant areas of the natural sciences.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N115

mnsadvising@asu.edu

602-543-6050

Ethnicity, Race and First Nations Studies, BA (ASETHBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in ethnicity, race and First Nations studies in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The first such program in Arizona, this program provides an integrated, comparative and comprehensive approach to the study of diversity among ethnic and racial groups and First Nations. A highlight of the program is the internship, which fosters direct links between the university and community-based settings. Both theoretical and applied perspectives are embedded in a curriculum addressing how ethnicity, race and First Nations shape identities, literacies, public policies and communities in local and transnational U.S. contexts. Students identify a career area enabling them to integrate their knowledge with specific course work tied to their career and advanced educational goals.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western

states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Rapid socioeconomic change, changing demographics, increased global competition and rapid cultural diversification have created an increasing need for workers and citizens knowledgeable about diverse ethnic and racial groups. Graduates of this program are well-positioned to enter the workforce and function effectively and critically as informed citizens in a diverse and complex society.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/ethnicity-race-and-first-nations-studies>

FAB N201

harcsadvising@asu.edu

602-543-4444

Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)

Campus: West

Program Description:

The exploratory applied computing, mathematics and technology track provides students with the opportunity to explore a variety of majors related to applied computing, mathematics and technology professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU and students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N
Second Language Requirement: N
First Required Math Course: MAT 117 - College Algebra
Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harcsadvising@asu.edu
602-543-4444

Exploratory Health and Life Sciences, (ASHSCIEXPL)

Campus: West

Program Description:

The exploratory health and life sciences track provides students with the academic opportunities and resources needed to explore a variety of majors related to health and life science professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU and students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N
Second Language Requirement: N
Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harcsadvising@asu.edu
602-543-4444

Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)

Campus: West

Program Description:

The exploratory humanities, fine arts and design track provides students with the academic opportunities to explore a variety of majors related to humanities, fine arts and design professions.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU and students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting general studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N

Second Language Requirement: N

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>

FAB N201

harcsadvising@asu.edu

602-543-4444

Exploratory Social and Behavioral Sciences, (ASSBSEXPL)

Campus: West

Program Description:

The exploratory social and behavioral sciences track provides students with the academic opportunities and resources needed to explore a variety of majors related to careers in the social sciences.

Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU and students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

Additional Program Fee: N

Second Language Requirement: N

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities are specific to the ultimate major of choice.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harc sadvising@asu.edu
602-543-4444

Forensics, BS (ASFOREBS)

Campus: West

Program Description:

The School of Mathematical and Natural Sciences offers a BS in forensics in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Forensics is the study and application of scientific methods to matters of law. The forensics program emphasizes laboratory course work in chemistry and biology, as both areas provide essential experience with techniques commonly used in crime labs. Rigorous course work in the natural and mathematical sciences is required to ensure graduates are competitive in the workforce. The program is enhanced by a focus on oral communication skills that help prepare graduates for the multifaceted, transdisciplinary aspects of careers in forensic science, such as providing articulate expert witness testimony. If pursuing a career as a forensic DNA analyst, nine cumulative hours of course work in biochemistry, molecular biology and genetics is required; course work in population genetics is desirable. Employers may require documentation for completed course work, such as an official course syllabus.

Forensics students may apply for and participate in internships sponsored by metropolitan Phoenix area crime labs. Internships are competitive and the application process takes time. Fall semester internships generally require application in the spring semester prior, and spring or summer semester internships generally require application by the start of the fall semester. Internship positions are unpaid and require concurrent enrollment in FOR 484 Internship. Students must also have a faculty mentor and abide by all internship standards for the school and the location where the internship is held. Students may also participate in cutting-edge research with a faculty mentor either as a volunteer in the faculty member's lab or by registering for FOR 499 Individualized Instruction. For more information, see an academic advisor.

Job applicants and students seeking a volunteer or internship position within a crime lab may be required to undergo an extensive background check that includes a polygraph exam (commonly known as a lie detector test), fingerprinting and drug testing. Actions that can disqualify an applicant include but are not limited to: recent or past illicit drug use, felony convictions and drunk driving convictions.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Forensics graduates are prepared to enter the workforce with crime labs and private forensic science labs at the local, state and federal levels. Graduates also are prepared for graduate programs in forensic science, law school, medical school and related fields. As of fall 2015, 40 percent of ASU's forensics graduates were employed in the field or were in graduate school, and a quarter of students who applied to graduate in fall 2015 received offers of employment in the field prior to graduation.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Mathematical and Natural Sciences
<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>
FAB N101
mnsadvising@asu.edu
602-543-6050

History, BA (ASHISBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in history in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The history degree program provides a strong foundation for understanding the forces of change that shape society, the marketplace and people's lives. The program introduces students to a broad span of history that covers the ancient world through the modern period and extends from Europe to Latin America and the United States. In addition to learning about the origins and development of various peoples, ideas and institutions of the past, students engage in the practice of history by learning to conduct original research, analyze historical evidence and formulate arguments using historiographical perspectives and methodological approaches.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Graduates of this program are prepared for graduate study, professional degree programs and careers in which critical thinking, research and writing skills are highly valued, such as: journalism, editing, law and civil service.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/history-studies-degree>
FAB N201
harc sadvising@asu.edu
602-543-4444

History (Secondary Education), BA (ASHISSEBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in history with a secondary education concentration in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

For students considering a career in education, this flexible program fully prepares students for teaching and certification while providing all the disciplinary knowledge of a traditional history degree. Students will understand history in all its breadth and depth while developing strong critical reading, writing and research skills as well as skills in oral presentation.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates possess the strong, practical teaching tools necessary to successfully teach middle or high school students. With the ability to find and evaluate evidence, form arguments and present analysis, graduates are well-suited for careers in a wide range of industries and have a solid foundation for graduate work in teaching, law, business and other fields.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harc sadvising@asu.edu
602-543-4444

Interdisciplinary Arts and Performance, BA (ASIAPBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in interdisciplinary arts and performance in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Interdisciplinary arts and performance students engage with faculty in collaborative investigation of many disciplines, preparing for our complex and

changing world through current approaches to artistic and aesthetic research. Students engage in practical and theoretical studies of visual, sonic, performance and interactive arts to become versatile artists. With skill sets preparing them for professional and entrepreneurial opportunities, students can tap into evolving marketplaces and expanding fields of arts research and practice.

Students who major in interdisciplinary arts and performance receive extensive preparation for careers as artists, performers and creative professionals, and develop critical backgrounds useful for becoming future teachers and scholars.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Since 1992, graduates of this nationally recognized program are prepared for advanced study in the performing arts, visual arts, interactive arts or arts-related professions in digital design, film editing, set and lighting design, theatre, sound arts, toy development, board game development and video game development.

Interdisciplinary arts and performance students have gone on to careers such as visual artist, art administrator, art therapist, digital designer, film and video editor, arts writer and critic, composer, theatre artist, illustrator, set and lighting designer, performing artist, sound artist, recording artist and studio professional, videographer, game tester, board game developer and video game designer.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/interdisciplinary-arts-and-performance-degree>

FAB N201

harcsadvising@asu.edu

602-543-4444

Interdisciplinary Arts and Sciences, BA (ASIASBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in interdisciplinary arts and sciences in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This program is a variation of the classic liberal arts degree, as students combine lower-division foundational courses with upper-division courses in a specific area of concentration unique to their interests and career goals. The concentration can include but is not limited to: business, communication, criminal justice, education, environmental issues and physical sciences, languages and cultures, and social sciences and policy issues. The program culminates with a capstone internship experience.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Emphasizing interdisciplinary study combined with a specific area of concentration (e.g., business, communication studies, English, gerontology, history, psychology or preprofessional studies), students tailor their programs to meet individualized career goals. The capstone internship program prepares students to make the transition smoothly to graduate school or postbaccalaureate employment in:

- business settings
- community settings
- cultural settings
- educational settings
- social sciences and human service settings

Students planning graduate or professional degrees in law, business, helping professions or in traditional disciplines benefit from the flexibility of

this program for a broad range of future academic and career pursuits.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/interdisciplinary-arts-and-sciences-degree>
FAB N201
harc sadvising@asu.edu
602-543-4444

Latin American Studies, BA (ASLASBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in Latin American studies in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Unlike programs that are predominantly based on social science and taught in English, this program fosters language and cultural knowledge beyond print literature and is unique in its inclusion of the arts and sciences.

The program allows students to immerse themselves in content courses while honing their language skills, and it provides a broad foundation for students to study Latin America, the United States and the Iberian Peninsula.

Students can choose from five tracks: the arts; narrative (literature and film); history and political science; education and linguistics; sociology and anthropology.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates are prepared for careers in dual-language environments, including the arts and arts management, business, nonprofits, politics, education, and public health and policy, or for further study in graduate or professional schools.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201

Philosophy, Religion and Society, BA (ASRELBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in philosophy, religion and society in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The program comprises historical, theoretical and practical perspectives on philosophy, religion and social ethics and emphasizes social and political concerns by putting the studies of philosophy and religion into action. This interdisciplinary degree offers three areas of concentration: applied ethics, continental philosophy and religious studies.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Graduates are prepared for graduate study or employment in the fields explored through their required internships, including business, criminal justice, education, government, human resources, law enforcement, law, media, medicine, religious organizations and social services.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/philosophy-religion-and-society-degree>

FAB N201

Political Science, BA (ASPOLBA)

Campus: Lake Havasu, West

Program Description:

The School of Social and Behavioral Sciences offers a BA in political science in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Political science is the study of governmental practices, politics and theories. Course work in the political science program covers American institutions, international relations, political theory and world affairs.

The program helps students gain a basic understanding of the assumptions underlying political science and develop the necessary research skills for analyzing complex sociopolitical issues. In addition to course work, students learn through internships, service-learning and research opportunities.

Graduates of this program are prepared for work as analysts or aides in local, state or national legislative offices, among other roles. Many graduates go on to law school or graduate programs in political science, social science, urban planning or public administration.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The political science curriculum provides a solid background for employment in a relevant profession and prepares students for graduate work in:

- political science
- professional schools
- social science disciplines
- urban planning

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 students use the degree as a gateway to law school or basis for further study in such applied fields as:

- community development
- public administration
- public policy
- urban affairs and urban and regional planning

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
 FAB S105
 SBSadvising@asu.edu
 602-543-6058

Political Science, BS (ASPOLBS)

Campus: West

Program Description:

The School of Social and Behavioral Sciences offers a BS in political science in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Political science is the study of governmental practices, politics and theories. Course work in the political science program covers American institutions, international relations, political theory and world affairs.

The program helps students gain a basic understanding of the assumptions underlying political science and develops the necessary research skills for analyzing complex sociopolitical issues. In addition to course work, students learn through internships, service-learning and research opportunities. The BS degree differs from the BA degree in that it requires an additional statistics course and a methods course.

Graduates of this program are prepared for work as analysts or aides in local, state or national legislative offices, among other roles. Many graduates go on to law school or graduate programs in political science, social science, urban planning or public administration.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Communication Studies (MA)
- Interdisciplinary Studies (MA)
- Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The political science curriculum provides a solid background for employment in a relevant profession and prepares students for graduate work in:

- political science
- professional schools
- social science disciplines
- urban planning

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 students use the degree as a gateway to law school or basis for further study in such applied fields as:

- community development
- public administration
- public policy
- urban affairs
- urban and regional planning

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>

FAB S105

SBSadvising@asu.edu

602-543-6058

Psychology, BA (ASPGSBA)

Campus: Lake Havasu, West, Online

Program Description:

The School of Social and Behavioral Sciences offers a BA in psychology in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and more. It also crosses over into other disciplines such as medicine, the law, business and economics.

The psychology program --- which emphasizes critical thinking and reasoning, quantitative research methods and writing --- goes beyond the classroom, adding practical experiences through internships, service-learning and faculty-supervised research. (Note: Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

Graduates are prepared for graduate programs in psychology or other areas as well as professional employment.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 119 - Finite Mathematics

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Cochise College (<http://transfer.asu.edu/cochise>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

A degree in psychology will prepare students for a career in:

- government (sales and marketing, human resources management)
- industry
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate programs in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- health
- legal
- physiological
- social

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>

FAB S105

SBSadvising@asu.edu

602-543-6058

Psychology, BS (ASPGSBS)

Campus: Lake Havasu, West, Online

Program Description:

The School of Social and Behavioral Sciences offers a BS in psychology in the New College of Interdisciplinary Arts and Sciences at the West campus of Arizona State University.

Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and more. It also crosses over into other disciplines

such as medicine, the law, business and economics.

This psychology program --- which emphasizes critical thinking and reasoning, quantitative research methods and writing --- goes beyond the classroom, adding practical experiences through internships, service-learning and faculty-supervised research. (Note: Some opportunities are not available to students enrolled in the degree offered through ASU Online.) The BS degree requires precalculus and two more laboratory science courses than the BA degree.

Graduates are prepared for graduate programs in psychology or other areas as well as professional employment.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Cochise College (<http://transfer.asu.edu/cochise>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Career Opportunities:

Students are prepared for careers in:

- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate programs in psychology:

- clinical and counseling

- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
 FAB S105
 SBSadvising@asu.edu
 602-543-6058

Social and Behavioral Sciences, BA (ASSBSBA)

Campus: West

Program Description:

The School of Social and Behavioral Sciences offers a BA in social and behavioral sciences in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

The social and behavioral sciences curriculum provides an understanding of assumptions underlying the social and behavioral sciences; develops the students' research skills necessary for analysis of complex social issues; offers a flexible program tailored to the career goals of the individual student; and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students a background suitable to helping them better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., family, community, society and culture).

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics Students who select the individual and behavior theme area will need to have completed MAT 170 in order to meet the prerequisite requirements of courses in that area.

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Communication Studies (MA)
- Interdisciplinary Studies (MA)
- Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree; namely, that it should expose the student to a variety of outlooks and challenges.

Such a degree will be competitive in most situations where the disciplinary social and behavioral degrees are accepted and is advantageous when

seeking entry to broad professional programs such as regional planning or urban studies.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
FAB S105
SBSadvising@asu.edu
602-543-6058

Social and Behavioral Sciences, BS (ASSBSBS)

Campus: West

Program Description:

The School of Social and Behavioral Sciences offers a BS in social and behavioral sciences in the New College of Interdisciplinary Arts and Science at ASU's West campus.

The social and behavioral sciences curriculum provides an understanding of assumptions underlying the social and behavioral sciences; enables students to develop research skills necessary for analysis of complex social issues; offers a flexible program tailored to the career goals of the individual student; and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students a background suitable to helping them better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., community, culture, family and society). The BS degree differs from the BA degree in that it requires an additional statistics course.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics Students who select the individual and behavior theme area will need to have completed MAT 170 in order to meet the prerequisite requirements of courses in that theme.

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Communication Studies (MA)
- Interdisciplinary Studies (MA)
- Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree; namely, that it should expose the student to a variety of outlooks and challenges.

Such a degree will be competitive in most situations where the disciplinary social and behavioral degrees are accepted and is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
FAB S105
SBSadvising@asu.edu
602-543-6058

Social and Cultural Analysis (American Studies), BA (ASSCAASBA)

Campus: West

Program Description:

The BA program in Social and Cultural Analysis with a concentration in American studies engages in the transdisciplinary and comparative study of the United States as a cultural and political site of ongoing change and conflict. Students learn diverse methods to analyze the nation-making processes of migration, nationalist politics, public and private cultural practices and transnationalism in keeping with the creative and critical scholarship of the discipline. The curriculum also brings attention to identity formations around gender, sexuality, race and ethnicity. As a transdisciplinary field, American studies unites the social sciences, the humanities and the arts together to stimulate students to have rigorous and adventurous conversations on American culture, politics and history, exploring knowledge beyond disciplinary boundaries, bringing differing perspectives and understandings into dialogue with one another, and generating a unique level of intellectual rigor and excitement.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the Social and Cultural Analysis BA program with a concentration in American studies will be prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations. Due to the emphasis on culture and identity, students develop respect for and sensitivity to, diverse populations. Graduates will be able to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- non-governmental organizations (NGO)
- Peace Corps
- political action groups

- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
 FAB N201
 harcs.dept@asu.edu
 602-543-4444

Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)

Campus: West

Program Description:

The BA program in Social and Cultural Analysis with a concentration in ethnicity, race and indigenous studies combines transdisciplinary topics and methods to critically analyze relationships among individuals, groups, institutions, governments, economies and environments. This concentration enriches the study of individual racialized and indigenous groups by drawing upon theories, methods and pedagogies in ethnicity, race and indigenous studies, while engaging complementary fields of literature, history, sociology, oral history, sexuality, queer studies, social justice, transnational and cultural studies. Course work in the concentration will be grounded in a deep understanding of the particular historical, social, economic, cultural and political experiences of individual racialized groups as well as an analysis of the relationships among them.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the Social and Cultural Analysis BA program with a concentration in ethnicity, race and indigenous studies will be prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations. Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations. Graduates will be able to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies

- law firms
- libraries
- museums
- non-governmental organizations (NGO)
- Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
 FAB N201
 harcs.dept@asu.edu
 602-543-4444

Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)

Campus: West

Program Description:

The BA program in Social and Cultural Analysis with a concentration in Latin American studies provides a broad and vibrant framework for studying the diverse societies of Latin America, including diasporic communities, and presents rich opportunities for cross-cultural study. The program is designed to provide a transdisciplinary approach to the literature, film, history, politics and culture of both Latin America and Latinas/os living in the U.S. The concentration will prepare students for graduate studies in a variety of disciplines as well as to enter a career in public service, education, business, humanitarian work, law or health care.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the Social and Cultural Analysis BA program with a concentration in Latin American studies will be prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations. Due to the emphasis on culture and identity, students develop respect for and sensitivity to, diverse populations. Graduates will be able to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- non-governmental organizations (NGO)
- Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
 School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
 FAB N201
 harcs.dept@asu.edu
 602-543-4444

Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)

Campus: West

Program Description:

The BA program in Social and Cultural Analysis with a concentration in peace studies is a unique, transdisciplinary offering, fostering critical investigation of peace primarily, but not exclusively, through a humanities lens and providing an analysis of its connection to issues such as gender, ethnicity, race and religion. Students will learn many approaches to and perspectives on peace, including theories and practices of peace building, nonviolence, and conflict avoidance and resolution as the program builds on the expertise of humanities and social sciences faculty in fields such as history, linguistics, literature, ethics, philosophy, sociology, ethnic studies and women and gender studies.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Career Opportunities:

There is a growing concern for peacebuilding within social and political institutions. As a consequence, numerous jobs now exist in peace-related sectors. Graduates of the Social and Cultural Analysis BA program with a concentration in peace studies will be prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations. Knowledge gained can be applied toward professional and personal advancement in education, writing, policy, law, cross-cultural communication, ethics and work with nongovernmental organizations. Due to the emphasis on the social aspects of peace, diversity, and identity, students will develop an awareness of the needs of diverse populations and the discourses that help create a culture of peace. Graduates will be able to apply their knowledge to areas as diverse as the following:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- non-governmental organizations (NGO)
- Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harcs.dept@asu.edu
602-543-4444

Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)

Campus: West

Program Description:

The BA program in Social and Cultural Analysis with a concentration in queer and sexuality studies combines transdisciplinary topics and methods to critically analyze the function of ideologies of sexuality; the history and present conditions of sexual identity formation; structural inequalities and queer resistance to those same inequalities; and the diversity of LGBTQA communities. Drawing from the premise that sex, gender and sexual orientation are both private experiences as well as profoundly political and public issues with important legal, social and cultural implications, the intellectual core of this program draws from theories, methods and pedagogies in queer theory and sexuality studies while engaging complementary fields of social justice, cultural studies, women's studies, gender studies, literature, history, sociology, psychology and transnational studies. Areas of emphasis include sexuality in culture, transnational queer studies, queer social movements and resistance, sexual fluidity, trans studies and critical heterosexualities.

states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the social and cultural analysis BA program with a concentration in queer and sexuality studies will be prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations. Due to the emphasis on culture and identity, students develop respect for and sensitivity to, diverse populations. Graduates will be able to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- non-governmental organizations (NGO)
- Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>

FAB N201

harcs.dept@asu.edu

602-543-4444

Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)

Campus: West

Program Description:

The BA program in Social and Cultural Analysis with a concentration in women and gender studies offers students a transdisciplinary curriculum that focuses on the diverse experiences of women in both national and international contexts. The program also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities and behaviors. The wide range of classes explores the intersections of gender, race, class and sexuality; the institutional structures that have an impact on women's and men's lives; and the broad range of feminist theories that seek to explain and influence women's status in society. Areas of emphasis include gender and sexuality, critical race feminisms, gender and the borderlands, transnational feminisms, social activism and social movements, histories of feminism and critical embodiment studies.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - Math Analysis

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates of the Social and Cultural Analysis BA program with a concentration in women and gender studies will be prepared with the skills and knowledge necessary for graduate work as well as careers in government, education, business and nonprofit organizations. Due to the emphasis on culture and identity, students develop respect for and sensitivity to, diverse populations. Graduates will be able to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nongovernmental organizations (NGO)
- Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Humanities, Arts, and Cultural Studies
<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>
FAB N201
harcs.dept@asu.edu
602-543-4444

Sociology, BA (ASSOCBA)

Campus: Lake Havasu, West

Program Description:

The School of Social and Behavioral Sciences offers a BA in sociology in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups. The program explores the theories, practices and policies underlying the issues of social change, inequality and diversity.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues.

Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

Graduates apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions

Course work in sociology provides a valuable preparation for careers in:

- journalism
- law
- politics
- public administration
- public relations
- nonprofit sector

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 developers
- criminologists
- demographers
- gerontologists
- research analysts
- statisticians
- survey researchers
- urban planners

Contact Information:

Interdisciplinary Arts & Sciences, New College of
School of Social and Behavioral Sciences
<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>
FAB S105
SBSadvising@asu.edu
602-543-6058

Sociology, BS (ASSOCBS)

Campus: West

Program Description:

The School of Social and Behavioral Sciences offers a BS in sociology in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups. The program explores the theories, practices and policies underlying the issues of social change, inequality and diversity.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues. The BS degree differs from the BA degree in that it requires an additional methods course.

Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Communication Studies (MA)
- Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

Graduates apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions
- nonprofit sector

Graduates receive valuable preparation for careers in:

- journalism
- politics
- public administration
- 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 developers
- criminologists
- demographers
- gerontologists
- research analysts
- statisticians
- survey researchers
- urban planners

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/social-behavioral-sciences-degree-programs>

FAB S105

SBSadvising@asu.edu

602-543-6058

Spanish, BA (ASSPABA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in Spanish in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This program emphasizes Spanish language, literature and culture, all of which are integrated within the discipline and other disciplines within the college.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

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, students majoring in Spanish can 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 the tri-national North American Free Trade Agreement.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/spanish-degree>

FAB N201

harcsadvising@asu.edu

602-543-4444

Statistics, BS (ASSTABS)

Campus: West

Program Description:

The School of Mathematical and Natural Sciences offers a BS in statistics in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This program is the only Bachelor of Science degree in statistics in the state of Arizona.

Statisticians collect, analyze and interpret data from experiments and surveys. Their work is critical in helping individuals and organizations better understand the information contained in the data.

Emphasizing the practical application of statistics, this program builds upon the foundation of mathematics and computing to study concepts in theoretical and applied statistics.

Students must select one focus area and complete a minimum of nine credit hours (three courses) from that focus area. The focus area courses are in addition to the general studies requirements. Students should consult with an academic advisor in the School of Mathematical and Natural Sciences before enrolling in any focus area course.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

In the era of big data, there is great demand for individuals with all levels of statistical training. Graduates of this program leave with an understanding of the transdisciplinary nature of statistics and are prepared for graduate study in statistics and related fields or for entry-level positions in a variety of fields, including business, government and the natural and social sciences.

Statisticians are in high demand in many areas of industry, government and academia. Some areas with particularly high demand include:

- finance
- manufacturing
- medical
- pharmaceutical

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>

FAB N100

mnsadvising@asu.edu

602-543-6050

Women and Gender Studies, BA (ASWSTBA)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BA in women and gender studies in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This is an interdisciplinary program emphasizing intersectional approaches to the study of gender, race, class, ethnicity and sexuality in national and transnational contexts.

Consistent with the university's design imperatives of social embeddedness and use-inspired research, the program's course offerings, research initiatives and cocurricular programs further the understanding of women and gender and promote social justice.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

The women and gender studies program builds a solid educational foundation, providing knowledge and helping students develop the critical-thinking skills needed to deal with changing gender roles in society. The program also prepares students for opportunities in many settings:

- business and professional schools
- education and training
- graduate study in the humanities and social sciences
- health care services
- human resources development
- public and business administration
- social services

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>

FAB N201

harcsadvising@asu.edu

602-543-4444

Women and Gender Studies, BS (ASWSTBS)

Campus: West

Program Description:

The School of Humanities, Arts and Cultural Studies offers a BS in women and gender studies in the New College of Interdisciplinary Arts and Sciences at ASU's West campus.

This interdisciplinary program, with a qualitative emphasis, explores intersectional approaches to the study of gender, race, class, ethnicity, and sexuality in national and transnational contexts.

Consistent with the university's design imperatives of social embeddedness and use-inspired research, the program's course offerings, research initiatives and cocurricular programs further the understanding of women and gender and promote social justice. Students gain a solid knowledge base and educational foundation as well as the critical-thinking skills necessary for dealing with changing gender roles in society.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Communication Studies (MA)

Interdisciplinary Studies (MA)

Social Justice and Human Rights (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Graduates are prepared for further study in graduate or professional programs as well as for careers in a variety of settings, including health care services, human resources development, public and business administration and social services.

Contact Information:

Interdisciplinary Arts & Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/humanities-arts-cultural-studies-degree-programs>

FAB N201

harcsadvising@asu.edu

602-543-4444

Journalism & Mass Communication, Walter Cronkite School of

Journalism and Mass Communication, BA (CSJMCBA)

Campus: Downtown Phoenix

Program Description:

The journalism major at Arizona State University's Walter Cronkite School of Journalism and Mass Communication, one of the best journalism schools in the country, is a highly professional, hands-on journalism and mass communication degree program that prepares students for careers in media.

Undergraduate students at the journalism school learn the values and principles that have long formed the core of the journalism profession, and they master the highly specialized, practical skills needed to succeed in today's digital world and start a career in journalism.

High-performing students can apply to the school's accelerated bachelor's degree and master's degree program, which allows for the completion of both degrees in five years. They can also become part of ASU's Barrett, The Honors College.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics
or any MAT course that satisfies the math requirement

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree with:

- Geography (Meteorology-Climatology), BS
- Graphic Information Technology, BS
- 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

Accelerated Degrees:

This degree is also offered as an accelerated degree with Master of Mass Communication (MMC)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The Bachelor of Arts in journalism and mass communication degree program has higher admission requirements and an application deadline of June 1 for fall. Students should select a second choice major on the application. All applicants will be reviewed by the school. Those who are not admitted to the Cronkite School will, if eligible, be admitted to their second choice major.

Freshman applicants must meet all of the following standards:

- have a 3.00 (4.00 = "A") ABOR GPA
- have no English competency deficiencies
- 1040 SAT Reasoning if taken before March 2016 or 1120 SAT Reasoning if taken after March 2016 or 22 ACT score

Transfer students (with 12 or more transfer hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies. Transfer students should contact the school for additional steps after admission to ASU. For more information regarding transfer admission see http://cronkite.asu.edu/undergrad/xfer_major_change.php (http://cronkite.asu.edu/undergrad/xfer_major_change.php).

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning if taken before March 2016 or 1120 SAT Reasoning if taken after March 2016 or 22 ACT score

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

ASU students:

ASU students who would like to change their majors to one of the concurrent programs in journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective General Studies requirements.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Walter Cronkite School of Journalism and Mass Communication graduates work for:

- corporate and business communication divisions
- magazines
- newspapers, radio and television stations
- online services
- public relations firms

Positions include:

- editors
- media managers
- photojournalists
- reporters
- writers

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu>
CRONK 302
cronkiteadvising@asu.edu
602-496-5555

Mass Communication and Media Studies, BA (CSMCMSTBA)

Campus: Online

Program Description:

The online program for the BA in mass communication and media studies gives students a deep and nuanced understanding of the growing importance, power and influence and the changing nature of media in the world. The program explores global mass communication issues from all dimensions: societal, cultural, historical, political, economic, technological and legal. The program is built upon courses that are part of the Cronkite School's minor in media analysis.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics
or any MAT course that satisfies the math requirement

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-mass-communication-and-media-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A sophisticated understanding of mass communication is a critical asset for careers in business, government, community and the nonprofit sectors. Graduates of the program will have career opportunities with professional organizations, educational institutions, writing firms, publishing companies, political parties and candidates, government officials and others. Graduates of the bachelor's degree in mass communication and media studies also will be prepared to pursue graduate studies in fields such as law, medicine, the arts, education and journalism.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of

Walter Cronkite School of Journalism & Mass Comm

<https://cronkite.asu.edu>

CRONK 222

cronkiteadvising@asu.edu

602-496-5055

Sports Journalism, BA (CSSPJBA)

Campus: Downtown Phoenix

Program Description:

Sports journalism is the fastest-growing sector of the news media industry, with continued growth on all platforms --- specialty magazines, multimedia outlets, and TV channels and networks. The Walter Cronkite School of Journalism and Mass Communication's sports journalism program gives students unparalleled preparation for careers in sports media and communications through courses such as sports writing, sports photography, sports strategic communications, and ethics and diversity in sports. Students in the program cover Major League Baseball spring training, the Olympics and other major sporting events for major market media partners. Students also complete an internship and intensive professional experience in the school's Phoenix or Los Angeles sports bureau.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

or any MAT course that satisfies the math requirement

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

To be eligible for admission to the journalism school, entering freshmen must have a minimum 3.00 ABOR high school GPA AND no English competency deficiencies (four years of English) AND meet one of the following criteria: an SAT reasoning score of at least 1040 if taken before March 2016 or an 1120 SAT reasoning score if taken after March 2016 OR an ACT score of at least 22. Eligible students are directly admitted to the school and do not need to submit any additional materials.

International students must also take the TOEFL and meet the Cronkite School's required score on this test. Transfer students who would like to major in journalism and mass communication at ASU must have at least a 3.00 transfer GPA.

ASU students who would like to change their majors to journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective general studies requirements. MCO 120, an introductory course for nonmajors, can count in place of JMC 110.

Career Opportunities:

Students in the sports journalism program will be prepared for careers in all aspects of the media including print, broadcast, online and mobile. Positions include sports writers, reporters, producers, television anchors, multimedia associates, social media specialists, and strategic communications and public relations project coordinators.

Contact Information:

Journalism & Mass Communication, Walter Cronkite School of
Walter Cronkite School of Journalism & Mass Comm
<https://cronkite.asu.edu>
CRONK 302
cronkiteinfo@asu.edu
602-496-5555

Liberal Arts & Sciences, College of

Actuarial Science, BS (LAACTBS)

Campus: Tempe

Program Description:

Risk is a part of daily life. Actuarial science majors learn to use tools from mathematics, statistics and finance to measure the impact of risk in order to improve forecasting and decision-making in business and government.

Actuary is consistently rated as one of the top jobs in the United States, and for good reason. Actuaries enjoy an excellent starting salary, exceptional job security with numerous opportunities for career growth and no graduate degree is required. Actuaries must pass a series of intensive professional exams to become credentialed. The BS program in actuarial science at ASU prepares students for the credentialing exams and provides the tools to succeed in this dynamic career.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Wherever there is risk, there are opportunities to be an actuary. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health and to make sure organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants. With a Bachelor of Science degree in actuarial science, students acquire skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- accounting firms

- colleges and universities
- 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)
- transportation, such as shipping and air travel

Students can also apply the advanced problem-solving skills learned in the actuarial science undergraduate program to a variety of other professional careers, including:

- analysts
- business operations specialists
- career advisers
- consultants
- teachers

Contact Information:

Liberal Arts & Sciences, College of
 School of Mathematical and Statistical Sciences
<https://math.asu.edu>
 WCLR 211
math@asu.edu
 480-965-7195

African and African American Studies, BA (LAAFRBA)

Campus: Tempe

Program Description:

The African and African American Studies program at ASU has assembled a dynamic faculty engaged in investigating the riveting complexities of Africa. Trained in a variety of disciplines that includes anthropology, health, history, journalism, literature, sociology, political science and women's studies, the faculty examine a wide array of critical issues facing African-descended peoples across the stages of life at various times and places in history. Students choose one of the following areas of concentration:

- African diaspora studies
- African studies

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Science and Technology Policy, MSTP
 Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
 Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Because of its emphasis on various social aspects and groups, the African and African American studies program provides students with practical applications useful for various workplaces. This program helps students develop cultural sensitivity and prepares them for careers in:

- administration
- advertising
- business
- counseling
- education
- human resources
- international relations
- journalism
- justice
- management
- travel

Our program prepares students for work in:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- hotel chains
- law firms
- libraries
- museums
- nonprofit organizations
- political action groups
- public relation firms
- research organizations
- sales departments
- social service agencies
- the insurance industry
- the Peace Corps
- travel agencies

Contact Information:

Liberal Arts & Sciences, College of
 School of Social Transformation
<https://sst.clas.asu.edu/african-and-african-american-studies>
 WILSN 125
 SSTadvising@asu.edu
 480-965-7682

American Indian Studies, BS (LAAISBS)

Campus: Tempe

Program Description:

The BS program in American Indian studies provides students with unique opportunities to evaluate issues of American Indian nations within domestic and international contexts. The bachelor's degree program in American Indian studies encompasses two areas of emphasis: legal, policy, and community and economic development; and arts, languages and culture. The American Indian studies program is committed to broadening the knowledge of students interested in the histories, languages, cultures, arts and contemporary situations of American Indian nations and people. The program is designed to protect the integrity and identity of the indigenous populations of North America and to create a learning environment conducive to critical and creative thought.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- American Indian Studies (Indigenous Rights and Social Justice) (MS)
- American Indian Studies (Tribal Leadership and Governance) (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their

academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates of American Indian studies will be qualified to fill positions at the tribal, state and federal government levels and in the private sector.

Graduates can advance to graduate school or can pursue professional careers in such fields as government service or public service. For example, federally and tribally operated schools located in remote areas within Indian Country have high turnover rates for both teachers and staff. American Indian studies graduates should be available to help fill these positions. Furthermore, the federal government, a major employer on many reservations across the country, is in need of qualified people who are knowledgeable of Indian cultures, laws and policies. Additionally, many American Indian nations' economies and infrastructures are developing at a rapid pace, and they are in continuous need to fill mid-management and management-level positions.

Graduates find positions in many areas, such as:

- casino employment
- community action work
- public administration (tribal or state relations, nonprofit management, education administration, planner)
- public health
- the arts
- tribal employment (political office, tribal management, cultural resource programming, grant writer, cultural specialist, youth services)

This program also provides suitable preparation for graduate study or law school.

Contact Information:

Liberal Arts & Sciences, College of
American Indian Studies Program
<https://americanindian.clas.asu.edu/>
DISCOVERY 356
AIS@asu.edu
480-965-3634

Anthropology, BA (LAASBBA)

Campus: Tempe, Online

Program Description:

Anthropology helps students develop strong critical-thinking and oral and written expression skills, important for success in many career areas. The BA program in anthropology gives students an opportunity to learn how and why humans evolved and how our evolutionary biological, social and cultural trajectories help us understand the meaning of being human in past, present and future environments.

Anthropology majors learn how to use the scientific method to formulate and test hypotheses and gather qualitative and quantitative data through participant observation, interviewing, ethnographic study, careful excavation and measurement. They also learn how to employ statistics to analyze and extract meaning from data.

A special feature of the ASU anthropology program is its relevance to other disciplines and many exciting hands-on learning opportunities in laboratories and through study abroad and field-based courses.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-anthropology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

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 will increasingly be sought for their broad, holistic knowledge and perspective of understanding, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- consulting for private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- modeling infectious diseases
- planning communities
- postgraduate academic research and teaching
- professional employment in heritage (cultural resource) management in private or public sectors
- providing health care as nurses, doctors or public or global health professionals

Contact Information:

Liberal Arts & Sciences, College of

School of Human Evolution & Social Change

<https://shesc.asu.edu>

SHESC 233

shesc.undergrad@asu.edu

480-965-6215

Anthropology, BS (LAASBBS)

Campus: Tempe

Program Description:

Anthropology is the study of how and why humans evolved and how our evolutionary biological, social and cultural trajectories help us understand the meaning of being human in past, present and future environments. The BS program in anthropology gives students an opportunity to master anthropological or anthropologically relevant knowledge and skills through applications of the scientific method and quantitative methodologies.

In core and elective courses, the bachelor's degree program in anthropology allows students to explore problems that may require the use of theories and methods from diverse disciplines, including biology, global health, applied mathematics, psychology, economics, sociology, medicine, law and engineering. The curriculum provides many exciting, hands-on learning opportunities through laboratories, study abroad and field-based courses.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

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 will increasingly be sought for their broad, holistic knowledge and perspective of understanding, which are the hallmarks of anthropology. Some career opportunities include:

- acting as legal advocates in international cases
- analyzing and proposing policies
- consulting for large and small private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- modeling infectious diseases
- planning communities
- postgraduate academic research and teaching
- professional employment in heritage (cultural resource) management in private or public sectors
- providing health care as nurses, doctors or public or global health professionals

Contact Information:

Liberal Arts & Sciences, College of

School of Human Evolution & Social Change

<https://shesc.asu.edu>

SHESC 233

shesc.undergrad@asu.edu

480-965-6215

Applied Mathematics for Life and Social Sciences, BS (LAAMLBS)

Campus: Tempe

Program Description:

The BS program in applied mathematics for the life and social sciences offers a challenging and exciting curriculum that investigates and integrates complex areas of the physical, life and social sciences while preparing a new generation skilled in the use of theories and techniques such as mathematical modeling and computational methods to solve practical real-world problems.

The program focuses on the development of critical-thinking skills and purposeful competencies in mathematics. It instills an appreciation for the contributions of mathematics to the fields of sciences, engineering, business, government and economics. Course work is directed toward an understanding of mathematical theory and its relation to other fields of studies. Emphasis is placed on precision of definition, reasoning to accurate conclusions, and analyzing and developing solutions to problems using mathematical principles.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Career Opportunities:

The bachelor's degree in applied mathematics for the life and social sciences indicates students entering the environmental, life, health, mathematical and social science fields possess the quantitative, scientific and analytical skills that are critical for professionals working in these areas.

The need for quantitatively trained scientists and professionals 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:

- astrophysics
- biostatistics
- chemical engineering
- communications
- computational biology
- computer animation
- data mining
- demography
- digital and medical imaging
- e-commerce
- education
- forensics
- genomics
- informatics and complex systems research
- materials science
- neuroscience
- pharmaceutical engineering
- political science
- public health
- risk management
- security and military
- social network analysis

Contact Information:

Liberal Arts & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Asia Studies (East Asia), BA (LAHSTEABA)

Campus: Tempe

Program Description:

The BA program in Asia studies offers students the opportunity to study East Asia, South Asia or Southeast Asia in depth through a coherent concentration of academic study across a number of disciplines. The transdisciplinary approach will provide students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings.

Students will identify which concentration (East, South or Southeast Asia) they will pursue.

The concentration in East Asia includes:

- China
- Japan
- Korea
- Taiwan

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The Asia Studies major is especially useful for students who anticipate future careers for which a knowledge of Asia will be a primary career asset, including

- diplomacy
- international business
- journalism
- law
- military and security forces
- philanthropy
- public health
- social work
- teaching

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<https://shprs.clas.asu.edu/undergrad/asia-studies>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Asia Studies (South Asia), BA (LAHSTSABA)

Campus: Tempe

Program Description:

The BA program in Asia studies offers students the opportunity to study East Asia, South Asia or Southeast Asia in depth through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and enables them to apply valuable knowledge in various academic and practical settings. Students identify which concentration (East, South or Southeast Asia) they will pursue.

The concentration in South Asia includes course work on:

- Bangladesh
- India
- Pakistan
- other South Asian states and societies

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

People knowledgeable about Asia will be required in virtually every arena in which America interacts with the rest of the world, including:

- communication
- diplomacy
- food security
- higher education
- humanitarian service
- intelligence
- international organizations
- journalism
- law
- law enforcement
- military
- philanthropy
- technology transfer
- tourism
- trade
- transportation

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<https://shprs.clas.asu.edu/undergrad/asia-studies>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Asia Studies (Southeast Asia), BA (LAHSTSEABA)

Campus: Tempe

Program Description:

The BA program in Asia studies offers students the opportunity to study East Asia, South Asia or Southeast Asia in depth through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach prepares students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and knowledge useful in various academic and practical settings. Students identify which concentration (East, South or Southeast Asia) they will pursue.

The concentration in Southeast Asia is especially diverse and includes:

- Brunei
- Burma/Myanmar
- Cambodia
- East Timor
- Indonesia
- Laos
- Malaysia
- Singapore
- Thailand
- the Philippines
- Vietnam

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

People knowledgeable about Asia will be required in virtually every arena in which America interacts with the rest of the world, including:

- communication
- diplomacy
- food security
- higher education
- humanitarian service
- intelligence
- international organizations
- journalism
- law
- law enforcement
- military studies
- philanthropy
- technology transfer
- tourism
- trade
- transportation

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<https://shprs.clas.asu.edu/undergrad/asia-studies>

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Asian Languages (Chinese), BA (LACHIBA)

Campus: Tempe

Program Description:

The BA program in Asian languages with a concentration in Chinese emphasizes proficiency in reading, writing and speaking Mandarin and in reading classical Chinese. It provides an in-depth understanding of the fundamentals of the rich Chinese cultural tradition, centered on primary Chinese texts (in Chinese and in English translation) from the literary, intellectual and religious cultures of Chinese-speaking societies. These texts include visual and written materials on, among other things:

- linguistics
- literary theory and history
- media
- religions and thought
- urban culture

Students in the program have a number of options available to enhance their education through study abroad: <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>). Highly-motivated students interested in learning Chinese to professional-level proficiency are encouraged to inquire about the Chinese Language Flagship Program: <https://international.clas.asu.edu/chineseflagship> (<https://international.clas.asu.edu/chineseflagship>). All students with higher levels of linguistic competency may enroll in targeted courses (conducted in Chinese) offered as part of the Chinese Flagship track.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- foreign correspondence or journalism
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad administration
- international law
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad>

LL 440

silcadvising@asu.edu

480-965-6281

Asian Languages (Japanese), BA (LAJPNBA)

Campus: Tempe

Program Description:

Students in the BA program in Asian languages with a concentration in Japanese study the language, literature and culture of Japan and gain a respectable measure of competence in reading, writing, oral and aural skills in the Japanese language. Students also gain linguistic and cultural competence through the required study of classical Japanese. Throughout the program, students take courses in either Chinese or Korean language or culture and related courses in Japanese and East Asian culture on topics such as:

- art
- government
- Japanese history
- linguistics
- literary and cultural theory
- religion

In addition, ASU offers summer or yearlong programs to study abroad in Japan. More information on study abroad opportunities is available at <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- hotel and resort management
- intelligence

- international education and study abroad administration
- international law
- lifestyle management
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of
 School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
 LL 440
silcadvising@asu.edu
 480-965-6281

Asian Pacific American Studies, BA (LAAPABA)

Campus: Tempe

Program Description:

The BA program in Asian Pacific American studies provides an opportunity for students to study the long history and rich contemporary experiences, cultures and communities of Asian Pacific Americans in the Southwest with dedicated, inspiring faculty. A liberal arts emphasis on critical thinking, complex reasoning and solid writing skills prepares students to engage in research that will inform meaningful dialogues between policymakers, educators and society at large about Asian American and Pacific Islander communities for years to come. The Asian Pacific American Studies program is housed in ASU's School of Social Transformation, the only school of its kind in the United States.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Students who complete the bachelor's degree program in Asian Pacific American studies may pursue a graduate degree in law, humanities or social sciences. Students will also be prepared to work in positions involving:

- business
- community organizations
- creative arts
- education
- health
- immigration
- journalism
- law

Contact Information:

Liberal Arts & Sciences, College of
 School of Social Transformation
<https://sst.clas.asu.edu/content/asian-pacific-american-studies-ba>
 WILSN 125

SSTadvising@asu.edu
480-965-7682

Biochemistry, BA (LABCHBA)

Campus: Tempe

Program Description:

The BA program in biochemistry provides students with a course of study in the chemical processes of living organisms. Discoveries of new drugs, the recognition and control of new pathogens, development of new catalysts for energy transformations and the production of new materials, and solutions to problems such as food production and environmental remediation depend upon a thorough grounding in this area.

This program is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students wishing to pursue a scientific graduate degree should consider the BS in biochemistry.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 251 - Calculus for Life Sciences

Students may complete MAT 270 Calculus with Analytic Geometry I, MA (4) in lieu of MAT 251 Calculus for Life Sciences, MA (3)

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A solid undergraduate education in biochemistry provides the necessary background for career paths in areas such as:

- chemical industries
- government
- health care
- research
- teaching

Students often study biochemistry with supporting work in biology and chemistry as the route for preprofessional training for careers in these fields:

- dentistry
- medicine
- pharmacy
- veterinary

Contact Information:

Liberal Arts & Sciences, College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 106

SMSadvising@asu.edu

480-965-7667

Biochemistry, BS (LABCHBS)

Campus: Tempe

Program Description:

The BS program in biochemistry provides students with a course of study in the chemical processes of living organisms. Discoveries of new drugs, the recognition and control of new pathogens, development of new catalysts for energy transformations and the production of new materials, and solutions to problems such as food production and environmental remediation depend upon a thorough grounding in this area.

This program is appropriate for further study of biochemistry or related sciences in graduate school as well as medical, dental or pharmacy school.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biochemistry (Medicinal Chemistry) (MS)

Nanoscience (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A solid undergraduate education in biochemistry provides the necessary background for career paths in chemical industries, government, health care, research, teaching and other areas.

Students planning careers in medicine, dentistry, pharmacy or veterinary medicine often study biochemistry with supporting work in biology and chemistry as the route for preprofessional training.

Contact Information:

Liberal Arts & Sciences, College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 106

SMSadvising@asu.edu

480-965-7667

Biochemistry (Medicinal Chemistry), BS (LABCHMBS)

Campus: Tempe

Program Description:

The science of biochemistry is about understanding the chemical processes of living organisms. Discoveries of new drugs, the recognition and control of pathogens, development of new catalysts for energy transformations and the production of new materials, and solutions to problems such as food production and environmental remediation depend upon a thorough grounding in this area.

The BS degree program in biochemistry with a concentration in medicinal chemistry features an emphasis on the application of chemistry to design and action of medicines. This program is appropriate for further study of biochemistry or related sciences in graduate school as well as medical, dental or pharmacy school.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Biochemistry (Medicinal Chemistry) (MS)
- Nanoscience (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A solid undergraduate education in biochemistry provides the necessary background for career paths in chemical industries, government, health care, research, teaching and other areas.

Students planning careers in medicine, dentistry, pharmacy or veterinary medicine often pursue the medicinal chemistry concentration, with supporting work in biology and chemistry as the route for preprofessional training.

Contact Information:

Liberal Arts & Sciences, College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 106

SMSadvising@asu.edu

480-965-7667

Biological Sciences, BS (LABSCBS)

Campus: Tempe

Program Description:

The life sciences delve into the basic organization and processes of life (microbes, plants and animals) at scales ranging from molecules to ecosystems and in time from picoseconds to millennia. This includes investigations into how hereditary information is transferred and how organisms evolve, the interplay of organisms and their environments, and how these factors interact in health and disease. Students interested in a degree in life sciences can opt for a BS in biological sciences or choose one of five concentrations with biological sciences:

- biology and society
- biomedical sciences
- conservation biology and ecology
- genetics, cell and developmental biology
- neurobiology, physiology and behavior

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Biology (Biology and Society) (MS)
- Biology (MS)
- Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Cochise College (<http://transfer.asu.edu/cochise>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

The biological sciences major with no concentration is designed for students who are committed to studying and training in multiple disciplines in biology and students who want to get more exposure to the life sciences before deciding whether they want to concentrate as an undergraduate. Therefore, students in this major take core courses from several concentrations. Students in this major have more flexibility to customize their program of study so they can focus on their own area of interest that may not have a concentration, such as plant biology or genomics.

The biological science major provides an excellent foundation for graduate study as well as preparation for professional schooling in:

- dentistry
- medicine
- pharmacy
- veterinary medicine

Graduates may also enter positions in:

- certain technical fields
- education
- government
- industry

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 131

sols.advising@asu.edu

480-727-6277

Biological Sciences (Biology and Society), BS (LABSCSBS)

Campus: Tempe

Program Description:

The BS program in biology and society focuses on training biology students to understand the social context of their science; to ask how and why a biological problem has been and should be studied. Students explore the ways in which policy decisions shape and are shaped by biological research and they investigate the meaning and significance of the life sciences in understanding our complex world.

The biology and society curriculum is highly individualized. This unique degree is home to world-class researchers and teachers in diverse fields, including bioscience ethics, history and philosophy of science, science communication, science education and science policy, all brought together under one program. Students have the opportunity to work with many renowned scholars in independent study and research projects.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biology (Biology and Society) (MS)

Biology (MS)

Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Biology and society students gain the historical, philosophical, political and ethical perspectives needed to explore interactions between the life sciences and related, complex human issues. As a result, the program contributes to better informed and more effective teachers, writers, policymakers, clinicians and researchers in areas related to biology, medicine and society.

As a result of the individualized, skill-based curriculum, biology and society majors are eligible for a broad range of career options. Most graduates have chosen to pursue professional degrees in medicine, law, public health or public policy, or graduate study in biology, ethics, education or history and philosophy of science. Our graduates enter the workforce, whether in academia, industry, government or clinical practice with a deep sensitivity to the complexity of biology in society and the skill to navigate that complexity throughout their careers.

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 131

sols.advising@asu.edu

480-727-6277

Biological Sciences (Biomedical Sciences), BS (LABSCMBS)

Campus: Tempe

Program Description:

The biomedical sciences concentration serves students in the biological sciences BS degree program who wish to pursue careers in medicine, other health professions or biomedical research in an academic, clinical or industry settings. The curriculum aligns with the broad scientific competencies recommended for premed students in a report of the American Medical Colleges and the Howard Hughes Medical Committee and reflected in the 2015 changes to the MCAT. Course work draws from the school's concentration in genetics, cell and developmental biology and the concentration in neurobiology, physiology and behavior, with the addition of courses in biology and in medicine and society. The concentration focuses on the chemistry, biochemistry, math and physics course work that is necessary to prepare students for the MCAT or medical school admissions. The concentration emphasizes core concepts, competencies and critical intellectual skills necessary to succeed in medical school or biomedical research.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their

academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon completion of the biological sciences, biomedical sciences concentration degree, students will be well-equipped to enter into careers as research scientists or as scientists in the health professions. Students will have met the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields or in programs which prepare students to be physician assistants or physical therapists. Additionally, graduates of this program will have an understanding of the process of science preparing them for a career in research. They will have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics, as well as the ability to understand and apply core biomedical concepts. This will prepare students to enter into biology research in a vast number of areas including, but not limited to, genetics, genomics, evolution, physiology and immunology.

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 131

sols.advising@asu.edu

480-727-6277

Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

Campus: Tempe

Program Description:

Ecology is the study of the distribution and abundance of organisms, the interactions among organisms, and the interactions between organisms and the physical environment. Conservation biology is an applied science based on ecological principles that focuses on conserving biological diversity and on restoring degraded ecosystems. Arizona State University has made a commitment toward a more sustainable world, and knowledge of conservation biology and ecology is one critical component to help us meet this global challenge.

Conservation biologists at ASU investigate the impact of humans on Earth's biodiversity and develop practical approaches to prevent the extinction of species and promote the sustainable use of biological resources. Some investigate the causes of ecosystem degradation and use ecological principles to reestablish desired conditions within a range of ecosystems, including rivers, wetlands, grasslands, urban landscapes and forests.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biology (Biology and Society) (MS)

Biology (MS)

Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The curriculum prepares students for employment and provides a solid platform for students who wish to attend graduate school. The skills and concepts are preparation for careers with:

- governmental agencies such as the Environmental Protection Agency and state game and fish departments
- K-12 education, colleges and universities
- nongovernmental organizations such as The Nature Conservancy and Conservation International
- private companies focused on environmental resources, environmental law or environmental economics

The concentration can provide training in specific skills that might be needed in these areas:

- animal and plant physiology, identification and ecology
- behavioral ecology and population biology
- community, ecosystem and landscape ecology
- conservation of endangered species
- ecology of different habitats, including cities, lakes, rivers and grasslands
- restoration of degraded ecosystems

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 131

sols.advising@asu.edu

480-727-6277

Biological Sciences (Genetics, Cell and Developmental Biology), BS (LABSCGBS)

Campus: Tempe

Program Description:

Genetics, cell and developmental biology are exciting, closely related areas of life science research. Genetics examines the blueprints of life (i.e., DNA sequence and gene expression) while cell biology studies the machinery of life enclosed within the boundaries of cells. Developmental biology uses genetics and cell biology to understand how genes and the environment interact to produce a whole new individual from a single cell, in addition to developmental changes that organisms undergo throughout life. Many diseases are understood through the study of genetics, cell biology and development.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biology (Biology and Society) (MS)

Biology (MS)

Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students in this concentration have a variety of career options. This degree provides the fundamental course work necessary for admission into medical, dental, veterinarian, pharmacy or graduate schools or any of the health professions. There also are many employment opportunities that can be pursued upon receipt of the BS in this concentration:

- animal breeder technician
- bioinformaticist
- biotechnologist
- cell culture specialist
- cloning technician
- crime lab technician
- cytotechnologist
- drug design technician
- food and drug inspector
- genetic counselor
- histologist
- in vitro fertilization technician
- plant improvement specialist
- teacher
- technical writer
- vaccine development technician

Students in this concentration learn critical-thinking skills that can be applied to many scientific problems and professions as well as to the challenges of daily life. We encourage students to engage in independent research projects or internship opportunities in order to develop a better sense of how science is done.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 131
sols.advising@asu.edu
480-727-6277

Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

Campus: Tempe

Program Description:

Physiology is the study of how organisms regulate the flow of energy and maintain the conditions necessary for health, survival and reproduction. It might seem that physiology and behavior are quite separate fields, but physiology and behavior interact extensively to achieve common goals.

In the neurobiology, physiology and behavior concentration, students will receive a rigorous and broad education by studying behavior and physiology from the perspectives of molecular and cellular biology, evolution, organ systems (neural, endocrine, cardiovascular, respiratory, immune, etc.) and the environment. Students in this concentration also learn to apply principles from mathematics, chemistry and physics. Discoveries are made at the laboratory bench and in the field, and students in this concentration are encouraged to participate in research projects in the labs of our faculty members.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Biology (Biology and Society) (MS)
- Biology (MS)

Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The broad education and critical-thinking skills students receive in this concentration are well suited for a variety of rewarding careers. Premedical, preveterinary and pre dental students get the background and courses needed for professional school application and beyond. Many students go on to graduate school for academic, teaching or research careers in areas such as:

- endocrinology
- environmental or behavioral physiology
- human physiology
- metabolism
- neurobiology
- social behavior

With a BS in this concentration, there are opportunities for technical positions in hospitals, research institutes and industry (food, dairy, chemical, pharmaceutical and biotechnology) as well as in government laboratories and agencies. The most important skills students learn in the concentration are critical-thinking and problem-solving skills that can be applied to many scientific problems and professions as well as to the challenges of daily life.

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 131

sols.advising@asu.edu

480-727-6277

Biophysics, BS (LABIPHBS)

Campus: Tempe

Program Description:

Biophysics uses the methods and theories of physics to study biological systems. The BS program in biophysics is a transdisciplinary program, providing students with a working understanding of the important principles of physics, chemistry and biology that govern all scales of biological organization, from the molecular processes of life to organisms and ecosystems.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The broad range of applicability of the principles of biophysics gives great flexibility in a choice of career or further education including but not limited to:

- chemical industries
- engineering
- government
- health care
- physics research
- teaching and other areas

Contact Information:

Liberal Arts & Sciences, College of
Department of Physics
<https://physics.asu.edu>
PSF 470
physics.info@asu.edu
480-965-3561

Chemistry, BA (LACHMBA)

Campus: Tempe

Program Description:

Chemistry is concerned with the composition, properties, and reactions of matter. The BA program in chemistry provides the fundamental knowledge and skills necessary to address scientific needs of society in transdisciplinary areas such as energy and sustainability, medicine and health, materials and nanoscience, geologic and biospheric science, frontiers of chemical measurement, and fundamental molecular science.

This Bachelor of Arts degree in chemistry is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students pursuing a bachelor's degree in chemistry have opportunities to explore interests in analytical, inorganic, organic and physical chemistry as well as biochemistry, geochemistry, solid-state and materials chemistry. Students wishing to pursue a scientific graduate degree should consider the BS in chemistry.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Career Opportunities:

A solid undergraduate education in chemistry provides the necessary background for many career paths in chemical industries, government and other areas. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information storage and retrieval. Students planning careers in medicine, dentistry or veterinary medicine often pursue a course of study in chemistry with supporting work in biology as the route for preprofessional training.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 106
SMSadvising@asu.edu
480-965-7667

Chemistry, BS (LACHMBS)

Campus: Tempe

Program Description:

Chemistry is concerned with the composition, properties and reactions of matter. The BS program in chemistry provides students the knowledge and skills necessary to address contemporary scientific challenges in transdisciplinary areas such as energy and sustainability, medicine and health, materials and nanoscience, geologic and biospheric science, frontiers of chemical measurement and fundamental molecular science.

Students complete course work in the foundational chemistry disciplines of biochemistry and analytical, inorganic, organic and physical chemistry as part of a curriculum approved by the American Chemical Society. This degree is appropriate for further study of chemistry or other physical sciences in graduate school or scientific careers.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biochemistry (Medicinal Chemistry) (MS)

Nanoscience (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A solid undergraduate program of education in chemistry provides the necessary background for many career paths in chemical industries, government and other areas. Chemistry can be combined with law for patent work, economics for sales and marketing careers, and computer science for careers in information storage and retrieval. Students planning careers in medicine, dentistry or veterinary medicine often pursue a course of study in chemistry with supporting work in biology as the route for preprofessional training.

Contact Information:

Liberal Arts & Sciences, College of
School of Molecular Sciences
<https://sms.asu.edu>
PSD 106
SMSadvising@asu.edu
480-965-7667

Chemistry (Environmental Chemistry), BS (LACHMEBS)

Campus: Tempe

Program Description:

The BS degree in chemistry with an environmental chemistry concentration is a transdisciplinary degree program that combines training in the traditional disciplines of chemistry with related environmental sciences courses from geology, mathematics and physics. Discoveries of new materials, processes and solutions to problems such as pollution control and climate change depend upon a thorough grounding in this area of science.

This program prepares student to become scientists and leaders in solving environmental problems and serves as excellent preparation for a career in environmental science or further study of physical sciences in graduate school.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A solid undergraduate program of education in chemistry provides the necessary background for many career paths in chemical industries, government and other areas. Chemistry can be combined with law for patent work; with economics for sales and marketing careers; and with computer science for careers in information storage and retrieval. Students planning careers in medicine, dentistry or veterinary medicine often pursue a course of study in chemistry with supporting work in biology as the route for preprofessional training. Students planning to work in areas related to the environment will find the environmental chemistry concentration especially appropriate.

Contact Information:

Liberal Arts & Sciences, College of

School of Molecular Sciences

<https://sms.asu.edu>

PSD 106

SMSadvising@asu.edu

480-965-7667

Communication, BA (LACOMBA)

Campus: Tempe

Program Description:

The BA program in communication focuses on teaching students how communication processes create, maintain and transform identities, relationships, workplaces and communities. Students can choose from course work in communication and healthy relating; communication and effective organizing; communication, advocacy and engaging public; communication, creativity and innovation or a combination of any of the above. Across the curriculum, students learn valuable and marketable knowledge and skills that prepare them for successful careers in a variety of industries in the public and private sectors.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students who are transferring into ASU must have a minimum transfer GPA of 2.50 in order to be admitted to the Hugh Downs School of Human Communication.

Students who have attended ASU in the past and who are returning to the university with transfer work must have a minimum 2.50 ASU cumulative GPA in order to be admitted into the Hugh Downs School of Human Communication.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Graduates of this program often attend leading graduate schools in communication, law or business or find gainful employment in careers in the areas of:

- campaign management
- counseling
- entrepreneurship
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

Contact Information:

Liberal Arts & Sciences, College of

Hugh Downs School of Human Communication

<https://humancommunication.clas.asu.edu>

STAUF 412

communication@asu.edu

480-965-5095

Communication, BS (LACOMBS)

Campus: Tempe, Online

Program Description:

The BS program in communication focuses on teaching students how communication processes create, maintain and transform identities, relationships, workplaces and communities. Students can choose from varied course work that focuses primarily upon advocacy, public engagement and the importance of culture, creativity and innovation. Students can combine these foci with studies that center on communication in relationships, the workplace or any combination of the two. Across the curriculum, students learn valuable and marketable knowledge and skills that prepare them for successful careers in a variety of industries in the public and private sectors.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students who are transferring into ASU must have a minimum transfer GPA of 2.50 in order to be admitted to the Hugh Downs School of Human Communication.

Students who have attended ASU in the past and who are returning to the university with transfer work must have a minimum 2.50 ASU cumulative GPA in order to be admitted into the Hugh Downs School of Human Communication.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-communication?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

Graduates of the program often attend leading graduate schools in communication, law or business schools, or find gainful employment in careers in the areas of:

- campaign management
- counseling
- entrepreneurship
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

Contact Information:

Liberal Arts & Sciences, College of
Hugh Downs School of Human Communication
<https://humancommunication.clas.asu.edu>
STAUF 412
communication@asu.edu
480-965-5095

Computational Mathematical Sciences, BS (LACMSBS)

Campus: Tempe

Program Description:

New technologies, from smartphones to DNA sequencers, are changing the way people live, and the science behind these innovations owes a lot to computational mathematics.

This cutting-edge bachelor's degree program is a fusion of mathematics, science and computing. Students in the BS in computational mathematical sciences program learn how to translate problems in science and engineering into mathematical problems and solve them using computing algorithms. They develop strong problem solving, analytical and programming skills as they work across diverse areas of science and mathematics.

One of the great advantages of earning a Bachelor of Science degree in computational math is that there are so many different directions to pursue. Subjects such as cancer modeling, weather forecasting, business and finance all involve computational mathematical sciences.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Mathematics (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

In a recent study, mathematics, computer science, applied mathematics and statistics all ranked among the top 15 most valuable college majors in terms of salary and career prospects. The computational mathematical sciences program brings all these disciplines together.

A bachelor's degree in computational mathematical sciences is one of the most versatile math degrees. The degree positions students for careers in computer technology, business, medical research, teaching and education, engineering and more. Some students also pursue graduate opportunities in areas such as biophysics, economics, medicine, statistics and law.

Contact Information:

Liberal Arts & Sciences, College of

School of Mathematical and Statistical Sciences

<https://math.asu.edu/>

WXLR 211

math@asu.edu

480-965-7195

Earth and Environmental Studies, BA (LAEESBA)

Campus: Tempe

Program Description:

The BA program in earth and environmental studies provides a foundational understanding of the evolution of the earth system with an emphasis on the planetary context for sustainable human societies. The degree includes broad training in the physical sciences, especially process-oriented geosciences that focus on Earth's life-sustaining surface environment. Advanced courses focus on topics including:

- climate change
- Earth's water, energy and material resources
- impact of land-use change on human civilization
- physical, chemical and biological process interactions that define Earth's evolution

The degree is designed as a liberal arts program with an emphasis on basic scientific literacy, not as a preparatory degree for graduate study in the natural sciences. However, successful earth and environmental studies graduates will be well prepared for green energy career opportunities such as:

- education
- environmental reporting
- natural resource management
- public planning
- sustainability

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Coconino Community College (<http://transfer.asu.edu/coconino>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

With a breadth of knowledge and experience and the acquired skills to integrate various domains of knowledge, graduates of earth and environmental studies have prepared themselves for a variety of careers that help find solutions to tomorrow's environmental and sustainability challenges. Chief among these are the following career settings:

- consultancy
- education
- governmental agencies
- industry
- museums
- nongovernmental organizations
- nonprofit organizations
- publishing
- regulatory agencies
- utilities

Recent environmental awareness in business and government has also resulted in new employment opportunities (e.g., environmental coordinators, directors and managers). They are also well prepared for admission to strong professional schools.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-advising@asu.edu

480-965-5081

Earth and Space Exploration, BS (LASESBS)

Campus: Tempe

Program Description:

The BS program in earth and space exploration offers students an integrated education across earth sciences, planetary sciences, astrophysics and engineering. The degree program incorporates:

- a learning community that includes science and engineering students
- a yearlong collaborative capstone senior exploration project
- strong quantitative preparation

This strong foundation in geosciences, astrophysics and exploration engineering will prepare students for key roles in:

- earth resources and exploration
- environmental and geologic engineering
- space research and industry
- water and environmental use policy

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I

or MAT 270

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The earth and space exploration major addresses critical future shortfalls in the national and regional training of the next generation of geoscientists and aerospace engineers. Arizona has an expanding space industry with major new investments and is prepared to engage new technologies to monitor and understand environmental issues in Arizona, the Southwest and throughout the world. Students who major in earth and space exploration will have the tools, knowledge and understanding to address key problems of a global nature, whether they are working in the private or public sector.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration

<https://sese.asu.edu>

ISTB4 795

sese-advising@asu.edu

480-965-5081

Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

Campus: Tempe

Program Description:

Astrobiology studies the origins, evolution, distribution and future of life in the universe. Biogeoscience focuses on the interaction of biological and geological processes on Earth at present and in the geologic past. These topics are closely related because the concepts of biogeoscience inform the study of planetary habitability and the search for habitable worlds. Therefore, the astrobiology and biogeoscience concentration in earth and space exploration is designed to offer students a strong foundation for exploring the interaction of geological and biological processes, how such interactions sustain life on Earth, and how they might operate on other planets. This scientific background is needed to contribute to the search for life on other planets as well as the exploration of extreme environments here on Earth. It also provides training in the interplay of forces that impact global change.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I
or MAT 270

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Students in the astrobiology and biogeosciences program will be well prepared for graduate studies in this field. Because astrobiology is increasingly the motivation for NASA exploration missions, they will also be well suited for entry-level careers at NASA research centers. The

degree also provides broad training across a range of science fields, giving students a strong background for careers in biomedical, environmental or sustainability areas.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-advising@asu.edu
480-965-5081

Earth and Space Exploration (Astrophysics), BS (LASESABS)

Campus: Tempe

Program Description:

The BS in earth and space exploration with a concentration in astrophysics is designed to offer students a fundamental grounding in astronomy and astrophysics, with exposure to the related fields of geology, planetary science and engineering. Students will emerge from this program with the skills to pursue a career in astrophysics, physics or related fields.

The rigorous course work includes a combination of physics courses taught in the School of Earth and Space Exploration and the Department of Physics. Students should graduate from the program with the ability to compete at the national level on standardized physics exams. The tools of astronomical discovery are increasingly dependent on technological advances so students will be exposed to engineering principles. Through the capstone project in the senior year, students will gain valuable experience in translating science drivers into engineering solutions.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I
or MAT 265

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Career opportunities include but are not limited to:

- aerospace engineer
- astrobiologist
- astronomer
- computer programmer
- data analyst
- instrumentation specialist
- planetary scientist
- science policy intern
- science writer
- teacher
- telescope operator

Career settings include:

- federal government
- K-12 schools

- manufacturing
- museums
- NASA facilities
- national laboratories
- NSF facilities
- observatories
- planetariums
- publishing
- space industries
- universities and colleges

Some of the listed careers may require advanced degrees or additional certifications. This program also provides suitable preparation for graduate study.

Contact Information:

Liberal Arts & Sciences, College of
 School of Earth and Space Exploration
<https://sese.asu.edu>
 ISTB4 795
sese-advising@asu.edu
 480-965-5081

Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

Campus: Tempe

Program Description:

The exploration systems design concentration offers students a fundamental curriculum in geology, physics and astrophysics while providing tools that enable them to design and build hardware and software to achieve specified scientific goals.

At the heart of the program is a sound grounding in the fundamentals of physics, mathematics and chemistry. Upon that foundation, students explicitly tackle issues concerning hardware design, instrument assembly and, ultimately, how to knit these components together when conceiving the requirements needed for a mission or project destined for space or another planet.

As part of this degree program, each student will have the opportunity to learn how projects and missions are designed and planned, starting with the scientific drivers and then defining engineering specifications. All students are expected to complete a senior project that takes a desired scientific measurement and realizes the technological solution to achieve the observation.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I
 or MAT 270

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities include:

- astronomer
- geoscientist
- planetary scientist
- science policy intern
- science writer
- scientific instrumentation specialist

- space systems engineer
- systems engineer

Sample career settings include:

- aerospace industry
- federal government
- manufacturing
- NASA centers
- national laboratories
- observatories
- publishers
- space industries
- universities and colleges

Some of the listed careers may require advanced degrees or additional certifications. This program also provides suitable preparation for graduate study.

Contact Information:

Liberal Arts & Sciences, College of
 School of Earth and Space Exploration
<https://sese.asu.edu>
 ISTB4 795
 sese-advising@asu.edu
 480-965-5081

Earth and Space Exploration (Geological Sciences), BS (LASESGSBS)

Campus: Tempe

Program Description:

Geological science is the study of the Earth and other planets with an emphasis on the processes that have shaped them since the origin of the solar system. Students apply their knowledge to topics such as the co-evolution of life, oceans, atmosphere and the Earth's climate system and the record of that evolution encoded in rocks, soil, ice and isotopes.

The BS program in earth and space exploration with a concentration in geological sciences educates students in the fundamentals of the geological sciences, providing a solid background in chemistry, mathematics and physics as well as transdisciplinary training in engineering, astronomy and planetary science.

Students will gain a strong understanding of field methods as well as modern computing, remote sensing and instrumentation in order to effectively study the natural environment and Earth's resources. Graduates of the program will learn to apply their knowledge for the benefit of Arizona, the nation and society in general.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 265 - Calculus for Engineers I
 or MAT 270

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Central Arizona College (<http://transfer.asu.edu/central-az>)
 Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Sample careers include:

- environmental geologist
- geological engineer
- geologist
- mining geologist
- petroleum geologist
- science policy intern
- science writer

Sample career settings include:

- environmental industry
- geotechnical industry
- mining and petroleum
- museums
- publishers

Some of the listed careers may require advanced degrees or additional certifications. This program also provides suitable preparation for graduate study.

Contact Information:

Liberal Arts & Sciences, College of
School of Earth and Space Exploration
<https://sese.asu.edu>
ISTB4 795
sese-advising@asu.edu
480-965-5081

Economics, BS (LAECNBS)

Campus: Tempe

Program Description:

The mission of the Department of Economics at ASU is to provide the highest quality instruction to students, conduct cutting-edge research in economics and provide leadership and service to our professional communities. The department's undergraduate program aims to provide students with the critical-thinking and communication skills needed to succeed in business, government or graduate school.

The BS in economics is built on a strong core of economic theory, supplemented by mathematics and data analysis. All students are encouraged to develop programs of study tailored to their individual needs and interests. Students choose from a variety of courses within the department as well as from the College of Liberal Arts and Sciences and the university to broaden their knowledge and skills and individualize their learning experience.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus or MAT 270

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)
Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
Mohave Community College (<http://transfer.asu.edu/mohave>)
Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)
Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Students who have sought careers following their undergraduate education have been very successful in business, consulting and government. Others have gone on to the best law schools in the country and top PhD and MBA programs in the United States and abroad. Many graduates have won prestigious national awards, such as the Marshall Award, National Science Foundation fellowships, Fulbright fellowships and the Truman Award.

Contact Information:

Liberal Arts & Sciences, College of
Economics Program in CLAS
<https://wpcarey.asu.edu/economics-degrees/undergraduate>
CPCOM 412
wpcareyecn@asu.edu
480-965-3531

English, BA (LAENGBA)

Campus: Online

Program Description:

The BA degree program in English is offered completely online. This broad undergraduate program prepares students for an ever-expanding variety of careers or to continue their studies in graduate and professional programs. Students supplement a core focused on critical reading and writing with courses chosen from literature and writing to shape an individual curriculum.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
All students are required to meet general university admission requirements.
Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-english?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

With a degree in English, students' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and communication skills combined with an ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- medicine
- nonprofit organizations
- professional and technical writing
- public relations
- publishing
- teaching
- Web content development

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/>
LL 542
englishadvising@asu.edu
480-965-3168

English (Creative Writing), BA (LAENGCBA)

Campus: Tempe

Program Description:

Undergraduate students can pursue BA degrees in English with concentrations in creative writing, linguistics, literature, secondary education and writing, rhetorics and literacies. A bachelor's degree in English is also offered completely online.

Students in the creative writing concentration study and practice the art of writing poetry and fiction. The distinguished faculty in the Department of English are actively engaged in creative writing and scholarly research. Students gain practical experience through research and internships that prepare them for an ever-expanding variety of careers. The undergraduate programs also prepare students to continue their studies in graduate and professional programs.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

With a degree in English, students' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- medicine
- nonprofit community service
- professional writing
- public relations
- publishing
- teaching
- Web content development

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/>
LL 542
englishadvising@asu.edu
480-965-3168

English (Linguistics), BA (LAENGNBA)

Campus: Tempe

Program Description:

Undergraduate students can pursue BA degrees in English with concentrations in creative writing; linguistics; literature; secondary education; and writing, rhetorics and literacies. A bachelor's degree in English is also offered completely online.

Students in the linguistics concentration focus on study of the history and structure of language. Students have the opportunity to study with distinguished faculty actively engaged in scholarly research and gain practical experience through internships that prepare them for an ever-expanding variety of careers. The program also prepares students to continue their studies in graduate and professional programs.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Teaching English to Speakers of Other Languages (MTESOL)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

With a degree in English, students' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- medicine
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- Web content development

Contact Information:

Liberal Arts & Sciences, College of

Department of English

<https://english.clas.asu.edu/>

LL 542

englishadvising@asu.edu

480-965-3168

English (Literature), BA (LAENGTBA)

Campus: Tempe

Program Description:

Undergraduate students can pursue BA degrees in English with concentrations in creative writing; linguistics; literature; secondary education; and writing, rhetorics and literacies. A bachelor's degree in English is also offered completely online.

Students in the literature concentration study British, American and global literatures in English, from the earliest writings to the present. The distinguished faculty in the Department of English are actively engaged in creative writing and scholarly research. Students gain practical experience through research and internships that prepare them for an ever-expanding variety of careers. The undergraduate programs also prepare students to continue their studies in graduate and professional programs.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

With a degree in English, students' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- medicine
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- Web content development

Contact Information:

Liberal Arts & Sciences, College of

Department of English

<https://english.clas.asu.edu/>

LL 542

englishadvising@asu.edu

480-965-3168

English (Secondary Education), BA (LAENGSEBA)

Campus: Tempe

Program Description:

Undergraduate students can pursue BA degrees in English with concentrations in creative writing; linguistics; literature; secondary education; and writing, rhetorics and literacies. A bachelor's degree in English is also offered completely online.

The BA in English with a concentration in secondary education focuses on rigorous content in literature, composition, linguistics and secondary teaching pedagogy. This program provides extensive preparation for meeting the needs of all student populations, including attention to levels of academic performance and cultural and linguistic diversity. Students finish the program with Arizona Department of Education certification for middle and high school English language arts. Both a fingerprint clearance and a background check are required in the second year of the program.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students graduating with a bachelor's degree in English with a concentration in secondary education will have tremendous opportunities for employment. With more than one million students in a state ranked seventh in the nation in population growth, the need for certified teachers in Arizona is self-evident. Arizona State University provides more of those teachers than any other institution of higher education. In the last 15 years, ASU graduates have had their pick of teaching jobs around the valley and in the state. After student teaching in school districts in the greater Phoenix area or in one of the 22 Native American nations, students are often hired to teach in the same school in which they completed their internship. New teachers will continue to be in demand because the predicted rate of population growth in Arizona is still strong and the retirement rate of teachers is increasing.

Contact Information:

Liberal Arts & Sciences, College of

Department of English

<https://english.clas.asu.edu/>

LL 542

englishadvising@asu.edu

480-965-3168

English (Writing, Rhetorics and Literacies), BA (LAENGWBA)

Campus: Tempe

Program Description:

Undergraduate students can pursue BA degrees in English with concentrations in creative writing; linguistics; literature; secondary education; and writing, rhetorics and literacies. A bachelor's degree in English is also offered completely online.

The concentration in writing, rhetorics and literacies teaches students strategies for inquiry. Students will study the ways in which communication has, does and will create knowledge and action; and how communication is constructed, circulated, reacted to and repurposed through time and place. Through differing tools of inquiry, students will study the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities are vast for this concentration: in business, private companies, government, nonprofit organizations --- anywhere where critical inquiry, innovative thinking, communication, decision-making, future studies and collaboration are valued and needed. This program will also

prepare students for further education in teaching, law and other professional programs.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu>
LL 542
englishadvising@asu.edu
480-965-3168

Family and Human Development, BS (LAFASBS)

Campus: Tempe, Online

Program Description:

The BS in family and human development offers course work on the development of individuals and families as they relate to their social worlds. A required concentration in family studies and child development provides a firm foundation for more individualized studies on contemporary issues related to human development from infancy through the end of the life span, and the development, formation and dissolution of families. Students develop proficiency in written communication, computer skills, statistics and research methods.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-science-family-and-human-development?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

As a liberal arts degree, the bachelor's degree program in family and human development provides excellent preparation for future graduate work in:

- counseling
- family and developmental sciences
- law
- medicine
- social work

The bachelor's degree program also prepares undergraduates for direct entry into positions in business, social service and government.

Contact Information:

Liberal Arts & Sciences, College of
Sanford School of Social and Family Dynamics
<https://thesanfordschool.asu.edu>
SS 144
email@thesanfordschool.org
480-965-6978

Film (Film and Media Studies), BA (LAFMSBA)

Campus: Tempe, Online

Program Description:

The BA in film and media studies is an innovative program in the study of film, television, computer games, the Internet and screenwriting.

This program provides students with the analytic, creative and communication skills needed to interpret and create media texts, and it prepares students for opportunities in the entertainment industry as executives, producers and writers. The major in film and media studies empowers students to be critical consumers of media, creative industry professionals and rigorous scholars of media texts and culture.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-film-and-media-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The film and media studies concentration provides undergraduates with skills that can be applied in a number of professional fields, including as leaders within these areas of the media and entertainment industries:

- creative management
- criticism
- development
- marketing and regulation
- teaching

Some graduates of film and media studies have gone on to pursue graduate studies at prestigious universities, while others select to begin their careers at the completion of their degree program.

Contact Information:

Liberal Arts & Sciences, College of
Department of English
<https://english.clas.asu.edu/node/267>
LL 542
englishadvising@asu.edu
480-965-3168

French, BA (LAFREBA)

Campus: Tempe

Program Description:

The BA in French offers the opportunity to study the language, literature and culture of France and francophone countries. Students gain competence in reading, writing, oral and aural skills in the French language and take a number of related courses on topics such as:

- art
- colonization
- government and political science
- history and civilization
- international business
- linguistics
- literature and culture
- religion

Students are encouraged to join the French Club to help them gain proficiency in the language. In addition, the School of International Letters and Cultures offers faculty-directed summer study abroad programs in France and Quebec, Canada, and it endorses partnership and exchange programs in francophone Africa, Canada and Europe. More information on study abroad opportunities is available at <https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- cultural advisor
- diplomatic and foreign service agent
- domestic and international banking
- domestic and international business
- domestic and international law
- film, television and multimedia
- foreign correspondence and journalism
- health professions
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad
- interpreting and translation
- military
- ministry
- multilingual administration
- nongovernmental organization administration
- public relations

- publishing
- social work
- teaching and research
- technology industries
- travel and tourism

Additional education or certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of
 School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
 LL 440
silcadvising@asu.edu
 480-965-6281

Geographic Information Science, BS (LAGISBS)

Campus: Tempe

Program Description:

The BS degree in geographic information science focuses on the computational dimension of geographic information system technology. Students in the program will learn

- commercial and open source GIS and related software
- computational principles in GIS
- concepts in spatial thinking and geographic problem solving
- mathematical and statistical spatial modeling
- programming in multiple languages (e.g., Java, C++, and Python)

These essential programming skills combined with GIS knowledge will form the basis for designing and implementing GIS software.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Career opportunities are found in private and public sectors in the GIS and computer science world. In the private sector, students may find employment with top software development companies. Job activities range from designing desktop systems and implementing Web and mobile applications to developing workflow systems. Public sector job activities, such as with local or national governmental agencies, involve customizing desktop and project management systems as well as spatial models and systems, including both Web and mobile applications.

Contact Information:

Liberal Arts & Sciences, College of
 School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/undergraduate-studies>
 COOR 5671
geoplan@asu.edu
 480-965-7533

Geography, BA (LAGCUBA)

Campus: Tempe, Online

Program Description:

The BA in geography teaches students to see the world through the twin lenses of space and place.

Geographers have a unique spatial perspective in understanding the modern world, global to local. The BA in geography emphasizes humanistic and cultural traditions. Students pursuing undergraduate studies in geography typically concentrate knowledge-building in understanding various cultural phenomena or in studying regions such as:

- Africa
- Asia
- Australia and Oceania
- Europe
- Latin America
- North America

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-geography?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Geographers obtain careers in:

- community development
- foreign service
- geodemographic analysis
- governmental organizations
- intelligence analysis
- international trade
- nongovernmental organizations
- public sector transportation planning
- teaching
- urban and regional planning

Contact Information:

Liberal Arts & Sciences, College of

School of Geographical Sciences and Urban Planning

<https://geoplan.asu.edu/academics/undergraduate-studies>

COOR 5671

geoplan@asu.edu

480-965-7533

Geography, BS (LAGCUBS)

Campus: Tempe, Online

Program Description:

Students in the BS program in geography learn to see the world through the twin lenses of space and place.

Geographers have a unique spatial perspective in understanding the modern world, global to local. The Bachelor of Science in geography emphasizes spatial patterns in natural science features such as:

- landforms
- plants
- water
- weather

The degree also emphasizes social science or environmental science dynamics involving:

- economic patterns
- human populations
- transportation

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-geography?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

With a focus on geospatial techniques, geographers with a bachelor of science degree go on to careers such as:

- computer cartographers
- environmental impact assessment analysts
- geographic information science specialists and analysts
- geomorphologists
- hydrology and water resource specialists
- location analysts for businesses
- photogrammetry specialists
- remote sensing analysts

Graduates are presented with a host of other geospatial career options in the burgeoning fields of geographic information science, mapping and navigation systems.

Contact Information:

Liberal Arts & Sciences, College of

School of Geographical Sciences and Urban Planning

<https://geoplan.asu.edu/academics/undergraduate-studies>

COOR 5671

geoplan@asu.edu

Geography (Meteorology-Climatology), BS (LAGCUMBS)

Campus: Tempe

Program Description:

The meteorology-climatology concentration under the BS in geography is designed to meet the requirements for certification as a meteorologist by the National Weather Service. It covers dynamic as well as synoptic meteorology.

Required courses include:

- atmospheric physics
- operational weather forecasting
- three semesters of calculus
- two semesters of calculus-based physics

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Substantial

Concurrent Degrees:

This degree is also offered as concurrent degree with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

ASU students:

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective General Studies requirements.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students successfully completing the program have found employment with:

- airlines
- energy power companies
- government agencies
- military*
- National Weather Service

*meteorology and pilot training

This program also provides suitable preparation for graduate study in either meteorology or climatology.

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/undergraduate-studies>
COOR 5671
geoplan@asu.edu
480-965-7533

Geography (Urban Studies), BS (LAGCUUBS)

Campus: Tempe

Program Description:

Geographers have a unique spatial perspective in understanding the modern world, global to local, through the twin lenses of space and place.

The urban studies concentration under the BS in geography applies the tools of geography to the study of urban areas. Students have an opportunity to focus in particular on the Phoenix metropolitan area and other rapidly urbanizing regions in arid climates. Tied with geographic information science, the urban studies major brings both knowledge and skill sets together in a powerful way.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students successfully completing the program pursue employment with city planning agencies as well as other government entities at various levels (county, state, federal). The urban studies concentration, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs dealing with urban issues, including:

- economic development planning
- GIS databases for city governments
- housing issues
- sustainable planning
- transportation

Contact Information:

Liberal Arts & Sciences, College of
School of Geographical Sciences and Urban Planning
<https://geoplan.asu.edu/academics/undergraduate-studies>
COOR 5671
geoplan@asu.edu
480-965-7533

German, BA (LAGERBA)

Campus: Tempe

Program Description:

Students in the BA in German study the language, literature and culture of German-speaking people and gain a respectable measure of competence in reading, writing, oral and aural skills in the German language. Students broaden and deepen their studies with related courses on topics such as:

- art
- government
- history
- international business
- linguistics
- literature and culture
- religion

Students are encouraged to study abroad in Germany as participants in the School of International Letters and Cultures faculty-directed summer program in Regensburg or in one of the academic-year exchange programs available at several German universities. More information on study abroad opportunities is available at <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- international education and study abroad administration
- international law
- lifestyle management
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
LL 440
silcadvising@asu.edu
480-965-6281

Global Health, BA (LASSHBA)

Campus: Tempe, Online

Program Description:

The BA in global health is a transdisciplinary degree 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 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.

The curriculum emphasizes the development of core skills in critical thinking, problem-solving and the importance of direct experience (research, study abroad, service learning and advocacy). The program cultivates capacities to deal with any complex problem with social components: how to identify the critical issues, ask the right questions and create solutions that are meaningful and effective.

Students are required to participate in an approved global health study abroad program.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Global Health (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-health?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Nationally and internationally, the health field provides enormous and varied career opportunities, and demand is high and growing for graduates with 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 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 & Sciences, College of
School of Human Evolution & Social Change
<https://shesc.asu.edu>
SHESC 233
shesc.undergrad@asu.edu
480-965-6215

Global Studies, BA (LASGSBA)

Campus: Tempe

Program Description:

Global studies examines the causes and consequences of problems that cross national boundaries and the governance of these problems in social, cultural and economic contexts. The major aims to address real-world problems and their solutions. This mission is enabled by an internationally recognized faculty that has extensive global experience from a wide variety of disciplines in the social sciences, humanities and law. The global studies program uses teaching, research and public policy activities to address some of the most challenging issues that include:

- built environments
- economic and social development
- global cities and urbanization
- global governance of health and climate change
- justice and human rights
- religious identities, rights and conflicts
- world culture

Global studies faculty members orient their work toward solving global problems by drawing on expertise in diverse disciplines, including:

- anthropology
- economics
- geography
- history
- law
- planning
- political science

- sociology

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Political Science (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

A global studies degree prepares students for professional and graduate training (including law, business and public policy) while providing broad foundational knowledge for future decision-makers in government, business and policy entities.

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies

<https://pgs.clas.asu.edu/>

COOR 6797

spgs@asu.edu

480-965-8563

History, BA (LAHISBA)

Campus: Tempe, Online

Program Description:

Students pursuing the BA in history study the growth and development of human society from political, social, economic and cultural aspects.

Students learn to craft stories from materials other people have left behind --- constitutions, land deeds, diaries, guns and bones. They learn to make decisions about what to investigate, about whom to believe, about what happened first, and about why things fell apart or came together.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, to perform quantitative as well as qualitative analysis, and to present their findings in compelling ways to all kinds of audiences.

Students choose a primary geographic concentration from:

- Asia
- Europe
- Latin America
- United States

Students considering the online bachelor's degree in history offered through ASU Online choose a primary concentration in either United States or world history.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with History (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-arts-history?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Cochise College (<http://transfer.asu.edu/cochise>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Dine College (Dine College)

Career Opportunities:

History majors are in demand. They know how to find and evaluate evidence, form arguments and present analysis --- skills essential to most careers including law, business, education, medicine and government.

Three out of four employers surveyed by the Association of American Colleges and Universities say they want colleges to place more emphasis on helping students develop five key learning outcomes: critical thinking, complex problem-solving, written communication, oral communication, and applied knowledge in real-world settings. These learning outcomes are integral elements of an undergraduate degree in History.

History majors seek jobs in:

- business and industry
- communications
- education
- foreign service
- law enforcement
- museums
- public administration
- social services

History is an excellent foundation for graduate and professional studies in:

- business
- history
- justice studies
- law
- medicine
- public administration
- public history
- theology

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/history>
COOR 3307
SHPRSadvising@asu.edu
480-965-8364

History (Secondary Education), BA (LAHISSEBA)

Campus: Tempe

Program Description:

The secondary education concentration within the BA in history offers a flexible degree for students who are considering a career in education. The concentration fully prepares students for teaching and certification. At the same time, the concentration provides all the disciplinary knowledge of a traditional history degree and prepares students for a variety of non-education careers. By developing strong critical reading, writing and research skills as well as skills in oral presentation, the concentration creates a solid foundation for graduate work in history, law or business.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The combination of courses within the secondary education concentration offers a broad education that prepares students for careers in a variety of fields, including:

- archival research
- business and industry
- education
- law enforcement
- public history
- publishing
- social work

Contact Information:

Liberal Arts & Sciences, College of
Historical, Philosophical & Religious Studies, Sch
<https://shprs.clas.asu.edu/undergrad/ba/history-secondary-education>
COOR 3307
shprsadvising@asu.edu
480-965-8364

Integrated Studies, BA (LAISTBA)

Campus: Tempe

Program Description:

The integrated studies program is a unique and highly focused individualized plan of study for students whose academic interests are not served by more traditional disciplinary pursuits. Developed for academically superior students whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students the opportunity to work one-on-one with faculty mentors to create a personalized and individually tailored bachelor of arts plan.

Students who are approved to develop an integrated studies major will pursue a focused and coherent course of study that draws its curricula from more than one academic department or college.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Not available to freshmen. There is an additional application for this degree. Admissions consist of completion of 32 credit hours at ASU with a GPA of at least 3.25 and three letters of recommendation from ASU faculty members. For more information contact the assistant dean for academic affairs, Office of Student and Academic Programs, Fulton Center, Suite 110.

Career Opportunities:

The professional and vocational opportunities provided by the integrated studies major will depend on the area of concentration and the particular focus of study. The integrated studies major shares with all other liberal arts and sciences programs in the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry. Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies at the completion of their undergraduate program.

Contact Information:

Liberal Arts & Sciences, College of

Dean, College of Liberal Arts and Sciences

<https://clas.asu.edu/node/56>

FULTN 110

clas@asu.edu

480-965-6506

Integrated Studies, BS (LAISTBS)

Campus: Tempe

Program Description:

The integrated studies program is a unique and highly focused, individualized plan of study for students whose academic interests are not served by more traditional disciplinary pursuits. Developed for academically superior students whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students the opportunity to work one-on-one with faculty mentors to create a personalized and individually tailored bachelor of science plan.

Students who elect and are approved to develop an integrated studies major will pursue a focused and coherent course of study that draws its curricula from more than one academic department or college.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Not available to freshmen. There is an additional application for this degree. Admissions consist of completion of 32 credit hours at ASU with a GPA of at least 3.25 and three letters of recommendation from ASU faculty members. For more information contact the assistant dean for academic affairs, Office of Student and Academic Programs, Fulton Center, Suite 110.

Career Opportunities:

The professional and vocational opportunities provided by the integrated studies major will depend on the area of concentration and the particular focus of study. The integrated studies major shares with all other liberal arts and sciences programs in the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry. Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies at the completion of their undergraduate program.

Contact Information:

Liberal Arts & Sciences, College of
Dean, College of Liberal Arts and Sciences
<https://clas.asu.edu/node/78>
FULTN 110
clas@asu.edu
480-965-6506

International Letters and Cultures, BA (LASLCBA)

Campus: Tempe

Program Description:

The BA in international letters and cultures is a degree grounded in the advanced study of at least one foreign language. It is more transcultural and transdisciplinary than a traditional languages and literature degree and is designed to encourage students to explore and challenge the traditional boundaries of cultures, texts and disciplines. Students work closely with faculty and advisors to choose a program that combines study and research in a minimum of two cultures or disciplines (or both).

Students must meet with an advisor in the School of International Letters and Cultures to discuss this degree option; it is not recommended for first-year students.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- international businessperson
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional

- professor of language, literature and culture
- social services professional
- translator and interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- international education and study abroad administration
- international law
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of
 School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
 LL 440
silcadvising@asu.edu
 480-965-6281

International Letters and Cultures (Classical Civilization), BA (LASLCVBA)

Campus: Tempe

Program Description:

Classics is a transdisciplinary field that includes the study of the literature, art, history and philosophy of the ancient Greeks and Romans, subjects which fueled the Renaissance and have continued to provide an intellectual foundation for innovative and influential people ever since.

ASU's BA program in international letters and cultures with a concentration in classical civilization provides a thorough grounding in the culture and history of the ancient Greeks or Romans while allowing students to satisfy their language requirement outside the classics. The degree begins with two cores: an introduction to ancient Greek and Roman literature (read in English translation) and knowledge of ancient history. With that basis, students are allowed to build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- archaeology of the ancient Mediterranean world
- art and architecture of the ancient Egyptians, Greeks and Romans
- mythology and religious practices of the Greeks and Romans
- thought of figures such as Plato, Aristotle and Lucretius
- use of the classics in today's film, books and other media

In addition to the concentration in classical civilization, ASU also offers a classics concentration with a similar focus, but more emphasis on training in ancient languages. Students should consult their advisor and choose the concentration that best meets their needs.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

College graduates with a degree in classical civilization have the valuable experience of studying a culture very different from, and yet lying at the root of, the modern world. This gives them a perspective that serves them well in a variety of disciplines. Classical civilization graduates may consider careers in:

- business
- film, television or multimedia
- law
- public service
- teaching in K-12 schools
- writing and editing (fiction, journalism, technical writing)

Additional education may be required for some career fields.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad>

LL 440

silcadvising@asu.edu

480-965-6281

International Letters and Cultures (Classics), BA (LASLCCBA)

Campus: Tempe

Program Description:

Classics is the study of the literature, art, history and philosophy of the ancient Greeks and Romans --- a transdisciplinary field that fueled the Renaissance and that has continued to provide an intellectual foundation for innovative and influential people ever since. ASU's BA program in international letters and cultures with a concentration in classics begins with two cores: language skills in ancient Greek or Latin (or, if the student chooses, both) and knowledge of ancient history. With that basis, students are allowed to build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- literary classics such as Homer, Sophocles, Virgil and Ovid
- the archaeology of the ancient Mediterranean world
- the art and architecture of the ancient Egyptians, Greeks and Romans
- the mythology and religious practices of the Greeks and Romans
- the thought of figures such as Plato, Aristotle and Lucretius
- the use of the classics in today's film, books and other media

In addition to the concentration in classics, ASU also offers a classical civilization concentration with a similar focus but different language requirements. Students should consult their advisor and choose the concentration that best meets their needs.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

College graduates with a degree in the classics have developed skills in research and the precise use and analysis of language that will serve them well in a wide range of fields. The transdisciplinary study of a culture very different from, and yet lying at the root of, the modern world also fosters a student's ability to view issues from many angles and think critically about them. Classics graduates often find careers in:

- business
- Christian ministry
- film, television and multimedia
- law
- politics
- teaching Latin or Greek in K-12 schools
- university teaching (after graduate school)
- writing and editing (fiction, journalism, technical writing)

As many employers are well aware, a classics graduate has the training to solve difficult puzzles, to see through obscure language, and to conduct rigorous research on often ill-defined problems. These skills are prized in any field of endeavor.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
LL 440
silcadvising@asu.edu
480-965-6281

Italian, BA (LAITABA)

Campus: Tempe

Program Description:

The BA in Italian offers students an opportunity to study the literature and culture of Italy while gaining a respectable measure of competence in reading, writing, oral and aural skills in the Italian language. Students broaden their knowledge by completing a number of related courses on topics such as:

- art
- film
- government
- history
- literature and culture
- religion

Faculty-directed summer programs in Italy are available for students who wish to study the language and culture while living in the country. Study abroad programs in various cities in Italy are also available during the academic year. More information on study abroad opportunities may be found at <https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages> (<https://international.clas.asu.edu/student-life/study-abroad/faculty-directed-summer-program-pages>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- health professional
- intelligence officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator and interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international business
- international education and study abroad administration
- international law
- lifestyle management
- military
- ministry
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of
School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
LL 440
silcadvising@asu.edu
480-965-6281

Jewish Studies, BA (LAJSTBA)

Campus: Tempe

Program Description:

The BA in Jewish studies offers a transdisciplinary, cross-cultural program of study in the humanities that examines ethical, religious and spiritual values while exploring a range of philosophical and political viewpoints. The major focuses on the study of Judaism, defined as the civilization of the Jews. It considers Jewish history and modern life, enhances the student's understanding of Jewish contributions to Western civilization, and facilitates enhanced cultural awareness and global perspective. As with other degree programs in the humanities, a bachelor's degree program in Jewish studies can provide a balance to studies in contemporary science and technology.

Students choose a thematic concentration from:

- history and society
- literature and culture
- religion and thought

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Students who receive a bachelor's degree in Jewish studies and pursue a career with one of the hundreds of U.S. companies that do business in Israel will have a competitive edge because of their familiarity with the Hebrew language and Jewish culture. Jewish studies graduates are also prepared to:

- attend rabbinical seminary in preparation for becoming a community rabbi or chaplain
- engage in world political and economic issues
- pursue advanced education in Jewish professional service fields
- pursue advanced degrees related to their area of interest in fields that may include:
 - archaeology
 - creative writing
 - ethics
 - film and media
 - history
 - journalism
 - justice studies
 - law
 - philosophy
 - political science
 - religious studies

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<http://jewishstudies.clas.asu.edu/home>

COOR 4465

SHPRSAdivising@asu.edu

480-727-6906

Justice Studies, BA (LAJUSBA)

Campus: Tempe

Program Description:

Justice studies is an innovative social science program examining current social justice issues, such as human rights, domestic violence and immigration, against a backdrop of legal systems, law and culture. The BA in Justice Studies equips students with a dynamic knowledge of the world's justice systems and gives them the skills to create meaningful, real-world change.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Justice Studies (MS)

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Many graduates go on to law school, graduate school or other professional degree programs. Students emerge from this program with the knowledge and skills designed to bring social justice concerns to their professional careers. Our graduates work in a variety of fields, including:

- human welfare and social work
- lawyers and law enforcement
- nongovernmental organizations
- other public service fields

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/justice-and-social-inquiry>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Justice Studies, BS (LAJUSBS)

Campus: Tempe, Online

Program Description:

Justice studies is an innovative social science program examining current social justice issues, such as human rights, domestic violence and immigration, against a backdrop of legal systems, law and culture. The BS degree in Justice Studies equips students with a dynamic knowledge of the world's justice systems and gives them the skills to create meaningful, real-world change emphasizing quantitative skills. Students learn about statistics and research methods to understand social justice issues in diverse settings.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Justice Studies (MS)

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)
Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
International (<https://students.asu.edu/international/future>)
Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-science-justice-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
Arizona Western College (<http://transfer.asu.edu/az-western>)
Central Arizona College (<http://transfer.asu.edu/central-az>)
Coconino Community College (<http://transfer.asu.edu/coconino>)
Cochise College (<http://transfer.asu.edu/cochise>)
Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
Mohave Community College (<http://transfer.asu.edu/mohave>)
Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)
Pima Community College (<http://transfer.asu.edu/pima>)
Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Many graduates go on to law school, graduate school or other professional degree programs. Students emerge from this program with the knowledge and skills designed to bring social justice concerns to their professional careers. Our graduates work in a variety of fields, including:

- advocacy
- human welfare and social work
- law enforcement and the legal system
- nongovernmental organizations
- other public service fields

Contact Information:

Liberal Arts & Sciences, College of
School of Social Transformation
<https://sst.clas.asu.edu/justice-and-social-inquiry>
WILSN 125
SSTadvising@asu.edu
480-965-7682

Mathematics, BA (LAMATBA)

Campus: Tempe

Program Description:

Math is the science of problem-solving. Students in the BA degree program in mathematics will be able to apply the critical thinking and problem-solving skills they learn to many endeavors because math is a crucial component in engineering, life sciences, business, economics and social sciences. In the bachelor's degree in mathematics, students acquire a strong general mathematics background, but retain the flexibility to pursue other areas of interest through a minor or even a second major. Combining a second area of study such as life science, physics, computer science or business creates a powerful combination for future career goals.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Career Opportunities:

The BA in mathematics includes a foreign language requirement, making this an ideal option for students interested in careers in global business. It is also a top option for international students looking for a general math background. The Bachelor of Arts degree in mathematics can be the springboard for many different careers:

- business management
- computer engineering
- financial analysis
- healthcare
- law
- teaching

Contact Information:

Liberal Arts & Sciences, College of

School of Mathematical and Statistical Sciences

<https://math.asu.edu/>

WXLR 211

math@asu.edu

480-965-7195

Mathematics, BS (LAMATBS)

Campus: Tempe

Program Description:

A mathematics degree opens up a world of possibilities. In fact, the three top-rated jobs in the United States in terms of salary, employment outlook and more are all careers with a strong math focus. Students pursuing the BS in mathematics also learn critical-thinking and problem-solving skills that can be applied to almost any profession.

The degree offers a grounding in both theoretical and applied mathematical concepts. Classes cover a broad spectrum of advanced mathematical topics, including number theory, cryptography and functional analysis. Students with a bachelor's degree in mathematics can pursue careers in fields as diverse as computer science, biotechnology, engineering, medical research and education.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Mathematics (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

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, economics and social sciences. Many undergraduate math majors also pursue graduate studies in medicine or law. These are just a few of the top careers possible with a BS in mathematics:

- cryptographer
- engineer
- financial analyst
- mathematician
- operations research analyst
- statistician
- teacher

Students interested in a career in teaching or education may also consider the bachelor's degree in mathematics concentration in secondary education. <https://math.asu.edu/degree-programs/lamatsbs> (<https://math.asu.edu/degree-programs/lamatsbs>)

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXLR 211
math@asu.edu
480-965-7195

Mathematics (Secondary Education), BS (LAMATSBS)

Campus: Tempe

Program Description:

School districts across the country are struggling with shortages of teachers, particularly in math. ASU's BS program in mathematics with a concentration in secondary education provides a new pathway for students interested in teaching. Students acquire strong content knowledge in diverse areas of math and the skills to convey these concepts to others. This degree program offers a deeper mastery of mathematics coupled with the ability to handle the challenges of a high school classroom.

Students who wish to teach at the secondary level will take courses preparing them to earn certification in the State of Arizona through this program. By providing a carefully designed curriculum of courses and instructional experiences the program develops the deep understandings and connections needed to be a highly effective mathematics teacher. Graduates emerge equipped to provide mathematics instruction that is coherent, meaningful and challenging.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The secondary education concentration provides its graduates the flexibility to apply their knowledge in a variety of ways. It combines the options of a bachelor's degree in mathematics and a bachelor's degree in education with choices ranging from teaching high school mathematics to jobs in diverse fields, such as:

- business
- finance
- industry
- technology

Students can also choose to pursue graduate studies in mathematics or mathematics education.

Contact Information:

Liberal Arts & Sciences, College of
 School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
 WXLR 211
 math@asu.edu
 480-965-7195

Mathematics (Statistics), BS (LAMATTBS)

Campus: Tempe

Program Description:

The volume and detail of information being captured through sources such as the Web and social media is growing exponentially. This large volume of information is called data, and it's changing the way we live.

In the BS program in mathematics with a concentration in statistics, students learn innovative mathematical, computational and statistical methods to analyze data sets, as well as how to use data in real-world applications. Using data analytics, students discover how to generate insights that inform fact-based decision-making. They use cutting-edge techniques to study and understand methods of statistical inference and explore strategies for dealing with uncertainty.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

- General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
 Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

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 for millennials. Data and the analysis of data is big business, and the Department of Labor projects a 25 percent growth in the need for employees trained in data analytics between now and 2018. For students pursuing a bachelor's degree in mathematics with a concentration in statistics, that means an exciting future of career opportunities in fields as diverse as business, finance, engineering, technology, sports, marketing, government and other areas of the economy.

These are just a few of the top career paths you can pursue with a major in this bachelor's degree program:

- actuary
- data scientist
- financial analyst
- market research analyst
- software engineer
- sports statistician
- teacher or professor

Students can also combine statistics with other disciplines, such as business or economics, to enhance preparation for their personal career goals.

Contact Information:

Liberal Arts & Sciences, College of
School of Mathematical and Statistical Sciences
<https://math.asu.edu/>
WXLR 211
math@asu.edu
480-965-7195

Microbiology, BS (LAMICBS)

Campus: Tempe

Program Description:

The BS in microbiology combines the study of the branch of biology involving the smallest of living things (bacteria, fungi, algae, protozoa and viruses) and immunology (the study of all aspects of the immune system). Despite their small size, microbes are fundamental to life on Earth and compose the majority of all Earth's life forms. In addition to their essential contributions to the natural world, microbes have been model experimental subjects due to their impact on human health and ease of manipulation in the laboratory. A significant portion of medical research employs microbiological and immunological methods in order to examine basic genetic and biological phenomena.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biology (MS)

Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The microbiology degree program places emphasis on understanding microorganisms and their interrelationships with other organisms in nature and on the influence of microorganisms in biomedicine and biotechnology. Students in the microbiology degree program will study not only the background and current findings in the field of microbiology but also acquire the critical-thinking skills and the hands-on laboratory and field skills required to succeed in science. The major provides excellent training for premedical, pre dental, preveterinary and prepharmacy students as well as advanced study in microbiology and immunology.

The discipline of microbiology is diverse and the job opportunities for microbiologists are enormous. Graduates with a degree in microbiology have opportunities for employment in:

- government
- hospitals
- industrial laboratories (food, dairy, chemical, pharmaceutical, environmental and biotechnology companies)
- public health laboratories
- research laboratories

Many students are also suitably prepared for admission into graduate school and advanced study in these fields:

- dentistry

- medicine
- pharmacy
- veterinary

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/undergraduate/microbiology-bachelor-degree>
LSA 131
sols.advising@asu.edu
480-727-6277

Microbiology (Medical Microbiology), BS (LAMICMBS)

Campus: Tempe

Program Description:

The medical microbiology concentration serves students in the microbiology BS degree program who aim to pursue careers in health professions, medical microbiology or other areas of biomedical research. The curriculum aligns with the scientific competencies recommended for premed students in a report of the American Medical Colleges and the Howard Hughes Medical Institute Committee and are also reflected in the 2015 changes to the MCAT. Course work includes many of the courses in the microbiology major, including chemistry, biochemistry, math and physics, but some microbiology courses have been replaced with cell biology, animal physiology and courses that relate to human biology and society. The concentration program emphasizes core concepts, competencies and critical intellectual skills necessary to succeed in medical school or biomedical research. The course work that students need to prepare for the MCAT or medical school admission are included in the concentration.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Upon completing the bachelor's degree in microbiology with a concentration in medical microbiology, students will have completed the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields and by programs which prepare students to be physician assistants or physical therapists. Additionally, graduates of this program will have a practical understanding of the process of science, preparing them for a career in research. Students will have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics as well as the ability to understand and apply core microbiology concepts. This will prepare students to enter research in a number of areas including, but not limited to, cellular biology, immunology, bacteriology and virology.

Contact Information:

Liberal Arts & Sciences, College of
School of Life Sciences
<https://sols.asu.edu/>
LSA 131
sols.advising@asu.edu
480-727-6277

Molecular Biosciences and Biotechnology, BS (LAMBBBS)

Campus: Tempe

Program Description:

The BS in molecular biosciences and biotechnology encompasses many of the cutting-edge disciplines in life sciences research. Biotechnology is an exciting, rapidly growing field with major applications in agriculture (green biotechnology, leading to improved crops or production of vaccines in plants), health care (red biotechnology, leading to better therapeutics, diagnostics and personalized medicine) and industry (white biotechnology, leading to sustainable production of energy, enzymes and chemicals).

Our molecular biosciences and biotechnology degree program is differentiated from the other life sciences majors by its focus on the interface between molecular biology and biotechnology. This interface drives many of our major advancements in knowledge and in applied research and development, like the development of next-generation biomedical products or biofuels. Other hallmarks of this program are the focus on hands-on research and the capstone course with both science and business or entrepreneurial components.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences

Program Math Intensity: Moderate

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Biochemistry (Medicinal Chemistry) (MS)

Biology (MS)

Molecular and Cellular Biology (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The molecular biosciences and biotechnology degree program provides an excellent background and training for a growing number of careers that incorporate this innovative area of the molecular life sciences. Independent research and courses with classroom plus lab components result in a solid base of knowledge and practical expertise in biotechnology and the molecular biosciences, providing many options for further education or for entering the workforce. After graduation, many molecular biosciences and biotechnology students enter graduate programs in a molecular biosciences and biotechnology-related area. A number of students also enroll in medical school, other health-related professional programs or in other advanced programs. Students also have the knowledge and technical skills to enter the biotechnology workforce in an area matching their expertise and interest.

The molecular biosciences and biotechnology program has a faculty mentoring program which provides students with the opportunity to speak with faculty regarding career choices, selection and timeline of major courses and of independent research projects, and much more.

Contact Information:

Liberal Arts & Sciences, College of

School of Life Sciences

<https://sols.asu.edu/>

LSA 131

sols@asu.edu

480-965-6899

Philosophy, BA (LAPHIBA)

Campus: Tempe, Online

Program Description:

The BA program in philosophy teaches students how to think well, which in turn lays the foundation for personal and professional success. Philosophy students learn how to structure arguments, write precisely and clearly, and communicate their ideas in an orderly, persuasive and unambiguous way. Many philosophical texts are complicated, and philosophy courses teach students how to read, comprehend and summarize conceptually difficult material. In short, studying philosophy trains one to be a better, clearer thinker.

Course work includes the major subfields of philosophy such as metaphysics, epistemology and ethics as well as electives that connect philosophy to other areas of inquiry and that emphasize the social relevance of philosophy. Philosophy alumni are well-prepared for leadership roles in whatever path they take, whether it be in business, law, politics, medicine or education.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-arts-philosophy?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

The analytical, rhetorical and writing skills developed through the study of philosophy provide ideal preparation for careers in a wide range of fields, including:

- business
- education
- journalism
- law
- medicine
- public service

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<https://shprs.clas.asu.edu/undergrad/philosophy>

COOR 3305

SHPRSadvising@asu.edu

480-965-8364

Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)

Campus: Tempe, Online

Program Description:

The philosophy concentration in morality, politics and law combines the basic analytical approaches of philosophy with an emphasis on the moral questions that arise in political theory and law. The foundations of our political and legal systems are moral values, such as individual liberty, equality and justice. These are contested values, open to different understandings of their nature and implications.

Students explore the nature of morality, political theory, legal theory and the interconnections between them. Students complete philosophy courses as well as courses from disciplines related to philosophy to enrich and enliven their understanding of the intersections of morality, politics and law. This degree program is of special interest to students planning to pursue postgraduate work in law, policy or politics.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Career Opportunities:

This program will provide graduates with career opportunities in law, policymaking and analysis, politics and intelligence work. For example, graduates may find employment with the U.S. Department of State, the Central Intelligence Agency or the United States Department of Justice. It is excellent preparation for law school.

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

<https://shprs.clas.asu.edu/undergrad/philosophy>

COOR 3310

SHPRSadvising@asu.edu

480-965-8634

Physics, BA (LAPHYBA)

Campus: Tempe

Program Description:

Physics is concerned with the nature, structure and interactions of matter and radiation. The BA in physics provides a flexible and efficient option for students who are interested in a liberal arts degree with broad knowledge of physics. This degree program is ideal for students seeking to complete two degrees, with physics as the second degree. Students wishing to pursue a graduate degree in physics are advised to consider the BS in physics.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Central Arizona College (<http://transfer.asu.edu/central-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Students graduating with a BA degree in physics may pursue such careers as:

- health physicist
- lawyer
- medical doctor*
- patent attorney
- physical therapist
- radiation physicist
- research or lab assistant
- science policy analyst
- secondary science teacher
- technology support analyst

*requires additional premedical course work

Contact Information:

Liberal Arts & Sciences, College of

Department of Physics

<https://physics.asu.edu>

PSF 470

physics.info@asu.edu

480-965-3561

Physics, BS (LAPHYBS)

Campus: Tempe

Program Description:

Physics is concerned with the nature, structure and interactions of matter and radiation. The BS degree program in physics provides students a solid foundation in physical science and mathematics, which is also appropriate for further graduate study in physics, other sciences or engineering programs.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Accelerated Degrees:

This degree is also offered as an accelerated degree with Nanoscience (PSM)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The broad range of applicability of the principles of physics gives the physicist great flexibility in a choice of career or further education. About half of the graduates with a bachelor's degree in physics go on to graduate school in:

- astronomy
- engineering
- medicine

- physics

The other half go directly into employment in areas such as:

- business
- education
- engineering
- materials science

Contact Information:

Liberal Arts & Sciences, College of
Department of Physics
<https://physics.asu.edu>
PSF 470
physics.info@asu.edu
480-965-3561

Physics (Secondary Education), BS (LAPHYSEBS)

Campus: Tempe

Program Description:

The BS in physics with a concentration in secondary education provides rigorous training in physics and in education. Physics is the cornerstone of STEM disciplines --- science, technology, engineering and mathematics, and the shortage of highly qualified physics teachers in every state is an ongoing problem. This degree concentration is designed to produce more and better qualified physics teachers to meet local and national needs. Students who graduate from this program will be recommended by the Mary Lou Fulton Teachers College for certification by the State of Arizona.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Fewer than half of in-service physics teachers have degrees in physics. Program graduates will have tremendous opportunities for employment; with more than one million students in a state ranked seventh in the nation in population growth, the need for certified teachers in Arizona is self-evident. During the last 15 years, ASU graduates have had their pick of teaching jobs around the valley and in the state. After student teaching in school districts in the greater Phoenix area or with one of the 22 Native American nations, students are often hired to teach in the same school where they completed their internship. As the predicted rate of population growth climbs and the number of teachers retiring increases, new teachers will continue to be in demand.

Contact Information:

Liberal Arts & Sciences, College of
Department of Physics
<https://physics.asu.edu>
PSF 470
physics.info@asu.edu
480-965-7195

Political Science, BA (LAPOSBA)

Campus: Tempe, Online

Program Description:

Political science is the study of how citizens interact with their governments and how governments at all levels formulate policies to serve their citizens. The BA program offers a variety of courses and opportunities to study politics and policies at the local, national and global levels. The major aims to provide students with the tools and skills necessary to link theory with real-world problems and issues.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Political Science (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-arts-bachelor-science-political-science?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Cochise College (<http://transfer.asu.edu/cochise>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Many of our graduates have found positions in the following:

- Arizona governor's office
- Federal Reserve
- foreign service
- judiciary branch of government
- local and national newspapers
- local, national and global nonprofit organizations
- local, state and national government
- multinational corporations

In addition, some of our graduates have gone on to other top-tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- education
- foreign service
- journalism
- law
- political science
- public service

Contact Information:

Liberal Arts & Sciences, College of
School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
COOR 6797
spgs@asu.edu
480-965-8563

Political Science, BS (LAPOSBS)

Campus: Tempe, Online

Program Description:

Political science is the study of how citizens interact with their governments and how governments at all levels formulate policies to serve their citizens. The BS degree program offers a variety of courses and opportunities to study politics and policies at the local, national and global levels. The major aims to provide students with the tools and skills necessary to link theory with real-world problems and issues. By providing experience with basic statistical analysis, the program acquaints students with the quantitative application skills and prepares them for graduate studies in political science and careers in public policy as well as the general study of politics and governance.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Political Science (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-political-science?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Many of our graduates have found positions in:

- Arizona governor's office
- Federal Reserve
- foreign service
- judiciary branches of government
- local and national newspapers
- local, national and global nonprofit organizations

- local, state and national government
- multinational corporations

In addition, some of our graduates have gone on to other top-tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- education
- foreign service
- journalism
- law
- political science
- public service

Contact Information:

Liberal Arts & Sciences, College of
 School of Politics and Global Studies
<https://pgs.clas.asu.edu/>
 COOR 6797
 spgs@asu.edu
 480-965-8563

Psychology, BA (LAPGSBA)

Campus: Tempe

Program Description:

In the Psychology BA degree program at ASU's Tempe campus, students use scientific methodology to explore fundamental questions about the brain, mind and behavior. Students work with faculty and other psychology majors in a collaborative, diverse environment in course work, research and other engagement activities to explore such fascinating questions as:

- Can robotics explain how we field in baseball?
- How do stress and emotions affect adolescent adjustment?
- How do we recognize and regulate emotions?
- How does body image relate to eating disorders?
- How does chronic stress affect the brain?
- How has evolution shaped our choice of partner?
- What are the physical and psychological consequences of adolescent substance use?

The Bachelor of Arts in psychology degree option is ideal for students looking for a liberal arts focus with a second-language requirement while studying psychology.

Additional Program Fee: Y

Second Language Requirement: Y

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer applicants must meet university transfer admission requirements and have successfully completed the following courses (or their equivalents) with a grade of "C" or better: PSY 101 Introduction to Psychology, ENG 101 First-Year Composition, MAT 170 Precalculus. Transfer students should select an additional major when applying for admission. Related disciplines include: anthropology, biology, sociology, and philosophy.

Readmission applicants must meet university readmission requirements, ASU cumulative GPA of 2.00 or better and have completed the following courses (or their equivalents) with a grade of "C" or better: PSY 101 Introduction to Psychology, ENG 101 First-Year Composition, MAT 170 Precalculus. Readmission students should select an additional major when applying for readmission. Related disciplines include: anthropology, biology, sociology, and philosophy (College of Liberal Arts and Sciences, Tempe campus) OR applied psychology (BS) - Polytechnic campus, psychology (BA/BS) - West campus.

Students with fewer than 45 hours who are not admissible to a Department of Psychology psychology major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social/behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 hours who are not admissible to a Department of Psychology psychology major and who did not select a second major or are not admissible to their second major choice will be contacted to select an appropriate major. Related disciplines include: anthropology, biology, sociology, and philosophy, (College of Liberal Arts and Sciences, Tempe campus) OR applied psychology (BS) - Polytechnic campus, psychology (BA/BS) - West campus.

Current ASU students who wish to change their current major to a Department of Psychology psychology major must have an ASU cumulative GPA of 2.00 or better and have completed the following courses (or their equivalents) with a grade of "C" or better: PSY 101 Introduction to Psychology, ENG 101 First-Year Composition, MAT 170 Precalculus.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Dine College (Dine College)

Tohono O'odham Community College (Tohono O'odham Community College)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Career Opportunities:

The Bachelor of Arts in psychology is designed to prepare students to work in a variety of settings that provide opportunities to apply concepts and principles of psychology. This degree program provides students the opportunity to develop a broad range of highly marketable skills, including analytical skills, writing and public speaking skills, as well as teamwork and leadership skills, which lead to many career opportunities or graduate degrees in academic or clinical psychology or in such fields as counseling, social work, family therapy and law.

Contact Information:

Liberal Arts & Sciences, College of

Department of Psychology

<https://psychology.clas.asu.edu/undergrad/advising/degreeeq>

PSY 202

psych.advisor@asu.edu

480-965-7258

Psychology, BS (LAPGSBS)

Campus: Tempe

Program Description:

In the BS degree program in Psychology at ASU's Tempe campus, students explore leading-edge issues about the brain, mind and behavior from a scientific, psychological point of view emphasizing quantitative skills. Students work with faculty and other psychology majors in a collaborative, diverse environment of coursework, research, and other engagement activities to explore fascinating questions as:

- Can robotics explain how players field in baseball?
- How do stress and emotions affect adolescent adjustment?
- How do we recognize and regulate emotions?
- How does body image relate to eating disorders?
- How does chronic stress affect the brain?
- How has evolution shaped our choice of partner?
- What are the physical and psychological consequences of adolescent substance use?

The Bachelor of Science in psychology degree option is ideal for students looking for a liberal arts focus with a more intensive math requirement

while studying psychology.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences OR MAT 270: Calculus with Analytic Geometry I

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer applicants must meet university transfer admission requirements and have successfully completed the following courses (or their equivalents) with a grade of "C" or better: PSY 101 Introduction to Psychology, ENG 101 First-Year Composition, MAT 170 Precalculus. Transfer students should select an additional major when applying for admission. Related disciplines include: anthropology, biology, sociology, and philosophy.

Readmission applicants must meet university readmission requirements, ASU cumulative GPA of 2.00 or better and have completed the following courses (or their equivalents) with a grade of "C" or better: PSY 101 Introduction to Psychology, ENG 101 First-Year Composition, MAT 170 Precalculus. Readmission students should select an additional major when applying for readmission. Related disciplines include: anthropology, biology, sociology, and philosophy (College of Liberal Arts and Sciences, Tempe campus) OR applied psychology (BS) - Polytechnic campus, psychology (BA/BS) - West campus.

Students with fewer than 45 hours who are not admissible to a Department of Psychology psychology major and who did not select a second major or are not admissible to their second major choice will be placed in the exploratory social/behavioral sciences program in the College of Integrative Sciences and Arts.

Students with more than 45 hours who are not admissible to a Department of Psychology psychology major and who did not select a second major or are not admissible to their second major choice will be contacted to select an appropriate major. Related disciplines include: anthropology, biology, sociology, and philosophy, (College of Liberal Arts and Sciences, Tempe campus) OR applied psychology (BS) - Polytechnic campus, psychology (BA/BS) - West campus.

Current ASU students who wish to change their current major to a Department of Psychology psychology major must have an ASU cumulative GPA of 2.00 or better and have completed the following courses (or their equivalents) with a grade of "C" or better: PSY 101 Introduction to Psychology, ENG 101 First-Year Composition, MAT 170 Precalculus.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Dine College (Dine College)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Tohono O'odham Community College (Tohono O'odham Community College)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Career Opportunities:

Students will acquire basic knowledge of psychology theory and practice. They will develop skills in research analysis, critical thinking and the ability to effectively interact with a range of diverse groups across scientific interests and disciplines. Students are well positioned for advanced research and graduate study in psychology, the health sciences, law and other graduate level degrees and programs. The Bachelor of Science degree program will also prepare students to directly enter into a wide field of career choices.

Contact Information:

Liberal Arts & Sciences, College of
Department of Psychology
<https://psychology.clas.asu.edu/undergrad/advising/degreeeq>
PSY 202
psych.advisor@asu.edu
480-965-7258

Psychology (Psychological Science), BS (LAPGSPSBS)

Campus: Tempe

Program Description:

The BS in psychology with a concentration in psychological science emphasizes critical-thinking and analytic and quantitative skills involved in psychological research to prepare students for graduate study. Students take advanced course work in statistics and receive hands-on research experience by working with faculty members in the laboratory. Students are exposed to theories and research addressing topics such as:

- How can people use social influence to increase compliance?
- How do children develop?
- How do people remember information over long periods of time?
- How do the mind and body react to stress?
- Which types of treatments are most effective for individuals who are depressed?

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 251 - Calculus for Life Sciences Or MAT 270 Calculus with Analytical Geometry

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The BS in psychology with a concentration in psychological science is open to students who have:

- completed a BS in psychology critical courses (ENG 101, ENG 102, MAT 251 or MAT 270, PSY 101, PSY 230, PSY 290) with a "C" or better
- earned at least 45 credit hours
- earned at least an ASU 3.00 cumulative GPA

Students must maintain at least a 3.00 cumulative GPA from admittance through graduation.

Career Opportunities:

The bachelor's degree program in psychology with a concentration in psychological science prepares students who aspire to careers as researchers, teachers or clinicians for graduate study. The program is also ideal preparation for professional postgraduate programs in the fields of law and medicine.

Contact Information:

Liberal Arts & Sciences, College of
Department of Psychology
<https://psychology.clas.asu.edu/bs-psychological-science>
PSY 202
psych.advisor@asu.edu
480-965-7258

Religious Studies, BA (LARELBA)

Campus: Tempe, Online

Program Description:

Religion is a fundamental part of the human experience. It informs and shapes politics, literature, philosophy, art and science as well as the daily life of millions around the globe. An understanding of religious traditions is critical to understanding our shared past and present and navigating toward our shared future.

Students who pursue the BA in religious studies come from a wide diversity of faiths, cultural backgrounds and intellectual interests. What many find fascinating and exciting about religious studies is that it draws from a wide variety of disciplines --- history, philosophy, anthropology, literature, political science and theology, to name a few. Course offerings reflect a diversity of approaches (historical, anthropological, ethical and theological); regions (North America, South America, Europe, Middle East, Africa, South Asia and Southeast Asia) and traditions (Buddhism, Christianity, Hinduism, Islam, Judaism and Native American traditions).

Additional Program Fee: N**Second Language Requirement:** Y**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Attend Online:** ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-arts-religious-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)**Career Opportunities:**

Students interested in careers in local, state, regional and national communities will find transdisciplinary encouragement and support in the Bachelor of Arts degree program in religious studies. Students who are attracted to international study will find the undergraduate program rich in multicultural course work and study abroad opportunities. Religious studies students will find many opportunities for practical experience leading to careers in the academic study of religion, in public service, in governmental and non-governmental agencies and in professional careers in a variety of organizations, including all of the helping professions.

Religious studies graduates have gone on to careers in such fields as diplomacy, development and teaching and pursued professional degrees in areas such as law, public policy and counseling.

Contact Information:

Liberal Arts & Sciences, College of

Historical, Philosophical & Religious Studies, Sch

https://shprs.clas.asu.edu/religious_studies

COOR 3307

SHPRSadvising@asu.edu

480-965-8364

Russian, BA (LARUSBA)

Campus: Tempe**Program Description:**

With more than 300 million speakers worldwide, Russian is the fourth most spoken language in the world, after Chinese, English and Spanish, and it is the lingua franca of the former Soviet empire. The BA program in Russian offers students a unique opportunity to study the language, literature and culture of Russia, and students in the program gain intermediate to advanced reading, writing, oral and aural Russian language skills.

The Russian language program also partners with the Melikian Center to offer a transdisciplinary baccalaureate certificate in Russian, Eurasian and East European Studies (REEES) for students in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies, Russian, sociology and women's studies.

Students of Russian are encouraged to study abroad for a semester or year in Moscow or St. Petersburg or in Kazan, in the new ASU exchange program in Russian language and translation.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Since the fall of the Soviet Union in 1991, Russian remains a strategic, critical language, with government scholarships to study abroad, to do research and internships, and to find jobs in government agencies. Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Career fields and occupations using languages include:

- administration of nongovernmental organizations
- advertising and marketing
- airlines
- cultural advisor
- diplomatic and foreign service
- domestic and international business
- film, television and multimedia
- foreign correspondent and journalist
- hotel and resort management
- intelligence
- international banking
- international education and study abroad administration
- international law
- interpreting and translation
- medicine and health professions
- military
- ministry
- public relations
- publishing
- social work
- teaching and research
- travel and tourism
- technology industries

Additional education and certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of

School of International Letters and Cultures

<https://international.clas.asu.edu/degrees/undergrad>

LL 440

silcadvising@asu.edu

480-965-6281

Sociology, BS (LASOCBS)

Campus: Tempe, Online

Program Description:

Sociology is the study of social life, social change and the social causes and consequences of human behavior. The BS program in sociology trains students in written communication, computer skills, statistics and research methods. It offers a wide variety of substantive courses on contemporary social issues that range from crime to population trends. Sociology courses also explore social institutions such as the family, education, religion and the workplace.

Additional Program Fee: N**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Attend Online:** ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-science-sociology?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.Cochise College (<http://transfer.asu.edu/cochise>)Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)Arizona Western College (<http://transfer.asu.edu/az-western>)Central Arizona College (<http://transfer.asu.edu/central-az>)Coconino Community College (<http://transfer.asu.edu/coconino>)Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)Mohave Community College (<http://transfer.asu.edu/mohave>)Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)Pima Community College (<http://transfer.asu.edu/pima>)Yavapai College (<http://transfer.asu.edu/yavapai>)**Career Opportunities:**

An undergraduate degree in sociology provides excellent preparation for future graduate work in:

- law
- medicine and counseling
- social work
- sociological research

The degree also prepares undergraduates for direct entry into positions in:

- business
- government
- social service

Contact Information:

Liberal Arts & Sciences, College of

Sanford School of Social and Family Dynamics

<https://thesanfordschool.asu.edu/>

SS 144

email@thesanfordschool.org

480-965-6978

Spanish, BA (LASPABA)**Campus:** Tempe, Online

Program Description:

Students pursuing a BA degree in Spanish have the opportunity to gain oral, reading, speaking and written proficiency in the language. The Tempe campus program offers two study options: the Spanish linguistics track and the Spanish literature and culture track.

- The linguistics track provides an in-depth understanding of the Spanish language (syntax, morphology).
- The literature and culture track addresses historical and contemporary issues throughout the Spanish-speaking world as seen through the lenses of the themes of Spanish, Latin American and Mexican American culture and literature.

A Bachelor of Arts degree in Spanish is also available for ASU Online students that combines courses from both the linguistics track and the literature and culture track.

Students majoring in Spanish may also work toward a professional certificate in Spanish-to-English translation.

Students are encouraged to contact a school advisor to discuss which option is best for them. ASU offers opportunities throughout the year to study in Spain, Mexico and other Spanish-speaking countries through study abroad and exchange programs. More information regarding study abroad opportunities is available at <https://mystudyabroad.asu.edu/> (<https://mystudyabroad.asu.edu/>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-spanish?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- health professional
- law and immigration professional
- intelligence officer
- international banking and finance professional
- international business
- language teacher
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- social services professional
- translator or interpreter
- travel professional

Career fields using languages include:

- advertising, marketing or communications
- airline industry

- film, television or multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international law
- international education and study abroad administration
- military
- ministry

Additional education or certification may be required for some career paths.

Contact Information:

Liberal Arts & Sciences, College of
 School of International Letters and Cultures
<https://international.clas.asu.edu/degrees/undergrad>
 LL 440
 silcadvising@asu.edu
 480-965-6281

Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)

Campus: Tempe

Program Description:

The BA program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological, and artistic experiences of Mexican-origin and Latina/o populations in the United States and the U.S.-Mexico transborder region. Students will be able to understand the complexities of the Chicana/o and Latina/o experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the media and expressive culture concentration, students will focus their study on the cultures of Latina/o communities. Students will learn about the cultural diversity of Chicana/o, Mexican, Puerto Rican, Cuban, Dominican, Central American and other Latina/o populations in the United States and their contributions to the arts by analyzing:

- film and the media
- history
- literature (novels, short stories, poetry)
- performance
- visual art

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

ASU students:

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective general studies requirements.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The media and expressive culture concentration equips students with analytical and communication skills vital to the pursuit of graduate work and various career paths including:

- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- public policy and administration
- social work and nonprofit organizations
- the arts

Contact Information:

Liberal Arts & Sciences, College of
 School of Transborder Studies
<https://sts.asu.edu/>
 INTDSB 165
 sts.undergrad@asu.edu
 480-965-5091

Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA (LATCLTBA)

Campus: Tempe

Program Description:

The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological, and artistic experiences of Mexican-origin and Latina/o populations in the United States and the U.S.-Mexico transborder region. Students will be able to understand the complexities of the Chicana/o and Latina/o experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the transborder community development and health concentration, students will focus their learning on the health inequalities and issues affecting Mexican-origin, Chicana/o and Latina/o communities. Students will also develop an understanding of the relationship between the places where people live, play, work, and heal and the impact they have on people's health and well-being. Overall, students will be able to design, implement and evaluate community-based health programs.

Additional Program Fee: N
Second Language Requirement: Y
First Required Math Course: MAT 142 - College Mathematics
Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

ASU students:

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective general studies requirements.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The transborder community development and health concentration equips students with theoretical and practical knowledge necessary for graduate work in professional fields such as law and medicine as well as entry-level positions in:

- education (administration and teaching)
- local, state and national public and private health services
- public affairs
- public health
- public policy and administration
- social work and nonprofit organizations

Contact Information:

Liberal Arts & Sciences, College of
School of Transborder Studies
<https://sts.asu.edu/>

INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)

Campus: Tempe

Program Description:

The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latina/o populations in the United States and the U.S.-Mexico transborder region. Students will be able to understand the complexities of the Chicana/o and Latina/o experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the U.S. and Mexican regional immigration policy and economy concentration, students will focus their studies on policies and social practices contributing to the growing political and economic influence of Latinos in the U.S. and the U.S.-Mexico region. Students will develop an understanding of the role of international migration, immigration policy, border enforcement, globalization, regional development, demographic change and economic integration.

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Concurrent Degrees:

This degree is also offered as concurrent degree with Journalism and Mass Communication, BA

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- 3.75 minimum ABOR GPA
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

ASU students:

ASU students who would like to change their majors to the concurrent program with journalism and mass communication must have at least a 3.00 cumulative GPA in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's non-elective general studies requirements.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The U.S. and Mexican regional immigration policy and economy concentration equips students with skills and knowledge necessary for graduate work in fields such as law, as well as career opportunities in:

- education (administration and teaching)
- local, state and national government agencies
- public affairs
- public policy and administration
- social work and nonprofit organizations

Contact Information:

Liberal Arts & Sciences, College of
School of Transborder Studies
<https://sts.asu.edu/>
INTDSB 165
sts.undergrad@asu.edu
480-965-5091

Urban Planning, BSP (ARPUPBSP)

Campus: Tempe, Online

Program Description:

Urban planning is shaping the way our cities, states and communities operate, how people navigate the globe, and how cities are planned for success. Urban planners guide communities in making wise decisions about their use of land and resources. The BSP program in urban planning provides students with expertise in both the analysis and the synthesis of the physical, social, political and economic issues that shape urban and regional development. Planning includes:

- computer and research methods
- environmental impact assessment
- geographic information systems
- housing
- landscape architecture and urban design
- planning and zoning law
- public policy formulation and administration
- transportation
- urban and development economics
- utilities

Students take courses that include:

- comprehensive planning
- computer and analytical methods
- planning law
- public policy formulation and administration
- site planning
- socioeconomic and environmental analyses
- urban design

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Urban and Environmental Planning (MUEP)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-urban-planning?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates in urban planning pursue career opportunities with private planning firms and governmental planning agencies (mainly at the city level, but also with county, state and federal entities). Some planners elect to pursue graduate degrees to develop specialty skills and to enhance their opportunities for career advancement. The urban planning degree, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs dealing with urban issues, including:

- comprehensive and long-range planning
- economic development planning
- housing issues
- planning law
- public participation in the planning process
- socioeconomic and environmental analyses
- sustainable planning
- transportation

Contact Information:

Liberal Arts & Sciences, College of

School of Geographical Sciences and Urban Planning

<https://geoplan.asu.edu/academics/undergraduate-studies>

COOR 5671

geoplan@asu.edu

480-965-7533

Women and Gender Studies, BA (LAWSTBA)

Campus: Tempe, Online

Program Description:

Through course work and scholarly research students in the BA degree program in women and gender studies gain critical knowledge and a deep understanding of feminist theory and practice. Students are offered the opportunity to challenge conventional wisdom about gender and explore new ways of viewing the world through the study of:

- culture
- economics
- film
- history
- literature
- politics
- science

Internship and leadership opportunities allow students to pursue career goals in:

- business
- government
- nonprofit organizations

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-women-and-gender-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The women and gender studies degree program prepares students for many different career opportunities upon graduation. Graduates of the program are also well prepared for graduate and law school and have been admitted to prestigious programs. Graduates have:

- become consultants and counselors
- become lawyers
- become teachers
- created businesses
- secured careers in public relations
- worked in nonprofit organizations and agencies serving women and girls
- worked in policy and government

Contact Information:

Liberal Arts & Sciences, College of

School of Social Transformation

<https://sst.clas.asu.edu/women-and-gender-studies>

WILSN 125

SSTadvising@asu.edu

480-965-7682

Nursing and Health Innovation, College of

Applied Science (Health Innovation), BAS (NUHCIBAS)

Campus: Downtown Phoenix, West

Program Description:

The BAS program in applied science with a concentration in health innovation is designed for students with an AAS degree in allied health fields who want to lead transformative change in health through the creation of new products, processes and systems.

Students will integrate their current health care background with innovation and leadership education, reflecting on who they are as an innovator and a leader. Students will have the opportunity to examine current evidence-based practice and health care policy through a lens of innovation using an integrated systems perspective, and they will begin to hone the skills necessary to be a leader of innovation in a health care context.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: Any math course with the MA general studies designation will satisfy the math requirement.

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Students must have an Associate of Applied Science from a regionally accredited institution to be eligible for admission to BAS in applied science programs at Arizona State University.

Career Opportunities:

Students with health-related backgrounds who would like to learn more about innovation and leadership within health care organizations may be interested in the health innovation concentration. Students with an AAS in business or a related field may also have interest if they have employment experience in the health industry. Primary career opportunities include health care administrators and health care managers.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu>

MERCC 250

nursingandhealth@asu.edu

602-496-0888

Community Health, BS (NUCHLTBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS degree program in community health is designed for students who want to create healthy, sustainable communities with an emphasis on working with specific populations. Community health professionals work in partnership with private and public organizations to address health needs of diverse populations by providing advocacy, capacity building, service coordination, education, monitoring, evaluation and interventions within a community setting. This degree uses the same prerequisites as pre-nursing and the nursing major; therefore, students who become off-track may seamlessly transition to this major and obtain a Bachelor of Science degree in a health-related field.

Changes to the health care system call for an increased need for community health professionals who can advocate for patients, families and communities as well as provide health education services. It is anticipated that the demand for community health professionals will increase with the continued implementation of the Affordable Care Act. Graduates of this program will provide health education, health promotion, care coordination, disease management, health care navigation and advocacy services for patients, families and communities.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the

year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-community-health>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Program graduates may obtain employment as:

- community health workers
- health care coordinators
- health care navigators
- health promotion evaluators
- health services administrators

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/community-health>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Health Care Compliance and Regulations, BS (NUHCCRBS)

Campus: Downtown Phoenix, West

Program Description:

The BS in health care compliance and regulations is the first undergraduate degree program in the United States dedicated to the education and training of compliance specialists in the health care environment. This program prepares students for careers as certified health care compliance professionals who will work in hospitals, medical centers, physician offices and other health-focused agencies to ensure compliance with federal, state, local and organizational rules, regulations, policies and best practices.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 117 - College Algebra

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates may be employed as:

- compliance analysts
- health care compliance officers
- health care compliance specialists
- health care regulatory affairs specialists
- health privacy officers
- HIPAA compliance specialists

- integrity officers
- Medicare compliance specialists
- regulatory compliance specialists

Contact Information:

Nursing and Health Innovation, College of
 College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
 MERCC 250
nursingandhealth@asu.edu
 602-496-0888

Health Care Coordination, BS (NUHCCOBS)

Campus: Downtown Phoenix, West, Online

Program Description:

The BS program in health care coordination prepares students to effectively coordinate resources to optimize individual health outcomes. Graduates will be prepared to collaborate with individuals, families and integrated transdisciplinary care teams to meet complex health needs while navigating current and future trends in public policy that affect the delivery of health care. Students will have a thorough understanding of health care systems, community and public health, community resources, health education, and health advocacy.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:
 All students are required to meet general university admission requirements.
 Freshman (<https://students.asu.edu/freshman/requirements>)
 Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)
 International (<https://students.asu.edu/international/future>)
 Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated,7.5-week classes. View the program description and request more information here. (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-coordination>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates of this program will provide health care coordination, health advocacy and health education services to individuals and families. Program graduates may obtain employment as:

- community health workers
- health advocates
- health care coordinators
- health care navigators
- health educators

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
MERCC 250
nursingandhealth@asu.edu
602-496-0888

Health Innovation, BS (NUHCIBS)

Campus: Downtown Phoenix, West

Program Description:

The BS in health innovation is the first of its kind in the country, intended for students who want to lead transformative change in health through the creation of new products, processes and systems. With a focus on transdisciplinary experiences, this program will provide students with a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision making to prepare graduates to manage implementation of innovation in the health care arena.

This unique program situates students at the intersection of innovation and entrepreneurship in health and healing.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates may be employed as:

- entrepreneurs
- health architects
- health care strategists, advisors, project managers and administrators
- health product and service managers
- health system designers
- intrapreneurs -- managers responsible for promoting innovative product development and marketing
- public relations experts in health

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Integrative Health, BS (NUIHLTBS)

Campus: Downtown Phoenix, West, Online

Program Description:

Integrative health is an emerging field focused on integrative and holistic health, providing students with a broader perspective on treatment using approaches from allopathic and complementary medicine to elicit the best health outcomes.

The BS program in integrative health provides a foundation in integrative health, a holistic approach to wellness that focuses on the mind, body and

spirit. The program provides students with a foundation of innovative and interprofessional approaches to serving and supporting diverse populations. Students will learn to differentiate the ethics, legalities and standards of practice of integrative health and to think critically about different therapies, modalities and practitioners. Course work and experiences include an emphasis on research and evidence-based practices and gaining an understanding of the historical and cultural foundations of the integrative health field.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-integrative-health?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates will be qualified for a career as a patient representative for integrative health, which involves assisting patients in obtaining services and in understanding policies, and in making health care decisions regarding integrative health. Graduates may be employed in hospitals, doctor offices, wellness and fitness centers, as well as holistic centers.

Contact Information:

Nursing and Health Innovation, College of

College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/integrative-health>

HLTHN 113

nursingandhealth@asu.edu

602-496-0937

Nursing, BSN (NUNURDBSN)

Campus: Downtown Phoenix, The Gila Valley, Online

Program Description:

Through a curriculum centered upon evidence-based practice, clinical reasoning, innovation, interprofessional communication and information technology, the BSN degree program prepares students to provide high-quality professional nursing care. The Bachelor of Science in nursing may be earned through several unique pathways.

Prelicensure Nursing Programs:

In the traditional prelicensure clinical nursing program, students complete prerequisite course work and then advance to the upper-division nursing program. The upper-division nursing program may be completed in a 16 month year-round schedule or a 24 month academic year schedule.

Students admitted directly into a traditional prelicensure clinical nursing program must meet continuing eligibility criteria to advance to the upper-division nursing program. Directly admitted nursing students who do not meet continuing eligibility criteria, transfer students, or students who are changing majors may apply for advancement to the upper-division nursing program, competing for any remaining spaces.

The postbaccalaureate nursing program is a prelicensure nursing program for students who have earned a bachelor's degree. After completing prerequisite course work, students apply for advancement to the 12 month upper-division nursing program. Students are admitted to the post-baccalaureate nursing program annually in the spring semester.

Online RN to BSN program

The online RN to BSN program (<http://bsn.asu.edu/>) is available to students who have earned an associate degree in nursing or a nursing diploma and have a current RN license in good standing with the Board of Nursing. The RN to BSN program courses are offered online in 7.5 week sessions and can be completed in 16 to 24 months. There are five starts per year: twice in the fall, twice in the spring, and once in the summer. Assignments vary from course to course and may include readings, papers, presentations, and practice application activities completed in the student's geographic area. Transfer pathway agreements are in place with all community colleges in Arizona, which provide additional benefits to students. The RN to BSN program does not have approval from the Boards of Nursing in Tennessee, Rhode Island or Washington to be offered to RNs licensed in those states. Visit <http://bsn.asu.edu> (<http://bsn.asu.edu/>) for more information.

Concurrent Enrollment Program

The concurrent enrollment program pathway is offered through participating community colleges. This program is designed for qualified nursing students who are interested in earning their Bachelor of Science in nursing while simultaneously pursuing their AAS in nursing. 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.

Eastern Arizona College Partnership

The ASU and Eastern Arizona College partnership has two options: the concurrent enrollment program and the RN to BSN. The Concurrent Enrollment Program is designed for qualified students pursuing an Associate of Applied Science in Nursing from EAC while simultaneously earning a Bachelor of Science in nursing from ASU. Another option allows students with an associate degree or diploma in nursing to pursue the ASU BSN at Eastern Arizona College on the Thatcher campus.

Visit <https://transfer.asu.edu/eac> (<https://transfer.asu.edu/eac>) for more information about ASU degrees offered through ASU@TheGilaValley.

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The admission standards for majors in the College of Nursing and Health Innovation are higher than minimum university standards. Freshmen admission requirements: top 25% of high school class OR 3.30 GPA in ASU competency courses (based on 4.0 grading scale) AND either a 24 ACT combined score OR an 1100 SAT (prior to March 2016) or 1170 SAT (March 2016 and later) combined evidence-based reading and writing plus math score.

Freshmen should select an additional major when applying for admission.

English Language Proficiency for applicants whose native language is not English:

- minimum score of 540 (paper-based), 207 (computer-based), or 76 (internet-based) on the Test of English as a Foreign Language (TOEFL)
- minimum overall band of 6.5 with no band below 5.5 on the International English Language Testing System (IELTS).

Students not admissible directly to the BSN Nursing program will be placed into the BS program in Community Health.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here. (http://asuonline.asu.edu/degree-programs/undergraduate/bachelor-science-nursing-rn-bsn?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)
Arizona Western College (<http://transfer.asu.edu/az-western>)
Coconino Community College (<http://transfer.asu.edu/coconino>)
Cochise College (<http://transfer.asu.edu/cochise>)
Central Arizona College (<http://transfer.asu.edu/central-az>)
Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)
Mohave Community College (<http://transfer.asu.edu/mohave>)
Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)
Pima Community College (<http://transfer.asu.edu/pima>)
Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

Graduates deliver nursing care to individuals, families and communities. Completion of this degree program also prepares individuals for entrance into graduate study in nursing at the master's or doctoral levels, which is essential for teaching, administration, clinical specialization and research.

Contact Information:

Nursing and Health Innovation, College of
College of Nursing and Health Innovation
<https://nursingandhealth.asu.edu/degree-programs/undergraduate/nursing-bsn>
HLTHN 113
nursingandhealth@asu.edu
602-496-0937

Public Service and Community Solutions, College of

Applied Science (Emergency Management), BAS (PPEMGBAS)

Campus: Downtown Phoenix

Program Description:

The BAS program is a flexible, 60 credit hour degree program. The curriculum designed specifically for students who have earned an AAS from a regionally accredited institution. The required capstone class provides experience to students through coordinated internships.

In cooperation with the Arizona Division of Emergency Management, ASU hosts and maintains Arizona's Alternate State Emergency Operations Center on the Polytechnic campus. This contextual learning laboratory is used for demonstrating practical applications of theory taught within the Bachelor of Applied Science curricula as well as providing a platform for conducting exercises and demonstration of emerging technologies in emergency management.

Students applying to this program must have completed an Associate of Applied Science from a regionally accredited institution. This program is not available to freshmen.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for freshmen.

Career Opportunities:

The degree in emergency management opens the door to a challenging career as a professional emergency manager. The advancement of technology has created the potential for more devastating disasters than ever before. As a result, there is an increasing demand for emergency managers who have a solid foundation in scientific and technical disciplines as well as management skills.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs

<https://spa.asu.edu/emergencymanagement>

UCENT 400

spa@asu.edu

602-496-0450

Community Advocacy and Social Policy, BA (PPCASPBA)

Campus: Downtown Phoenix, West, Online

Program Description:

The BA program in community advocacy and social policy focuses on advocacy strategies by exploring, analyzing and comparing social service systems and policies in-depth and from an empowerment perspective. Emphasis will be on examining the needs of individuals, families and communities that have been historically under-served. Policy analysis and social change will be critical themes in developing an advocacy knowledge base, as are the equally important themes of prevention and social well-being. Students complete courses in two core areas: diversity and oppressed populations, and social issues and interventions.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-community-advocacy-and-social-policy?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Career Opportunities:

Graduates will be prepared for positions in the social services arena including performing basic case management (benefit processing or certification); staffing hotlines or warmlines; referral, recruitment and volunteer coordinator positions; and prevention and education efforts. In addition, advocate positions are part of many organizations such as hospitals and the behavioral health system. This degree will also prepare students to pursue graduate education.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work

<https://socialwork.asu.edu>

UCENT 800

social.work@asu.edu

602-496-0800

Community Sports Management, BS (PPCSMBS)

Campus: Downtown Phoenix

Program Description:

The community sports management degree focuses on the many roles recreational and amateur sports play within a community as a mechanism to contribute to quality of life, domestically and abroad. Emphasis will be on the role of sports in youth development; the role of sports organizations and programs in community development; the impact of sports tourism and multisport events on community development; and the role of sports in delivery of nonprofit agency services. Both a program and a managerial emphasis will be targeted, with a focus on delivery of services across the lifespan. Some specific areas of opportunity include work with youth sports, adaptive sports, sports events, sports tourism and sports clubs.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Numerous opportunities are available in community sports. Community sports programs are part of many nonprofit organizations, such as the Boys and Girls Clubs of America and the YMCA or YWCA. Also prevalent are city parks and recreation programs that include youth and adult sports as well as clubs and organizations that focus on youth sports. Sports tourism organizations are part of many communities. Many cities and nonprofit organizations offer sports events, youth sports tournaments (including international and multisport events), and adaptive or therapeutic sports programs produced by organizations such as Special Olympics, Wounded Warriors Project and Daring Adventures (known for its River Rampage program). Though the focus of this program is not on professional sports management, there are employment opportunities with organizations such as these in areas like event management and facility management.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Criminology and Criminal Justice, BS (PPCRIMJBS)

Campus: Downtown Phoenix, Lake Havasu, West, Yuma, Online

Program Description:

Please note: Students interested in completing the BS program in Yuma are encouraged to complete a TAG program. Please see admission requirements below.

The criminology and criminal justice program is for students who want to understand the causes of crime, the role of criminal justice agencies in the control of crime, and the consequences of crime. They will learn sociological, psychological, biological and economic explanations for individual crime as well as differences in crime across neighborhoods, states, countries and over time. They will learn about the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.

These topics are delivered by top-ranking research faculty who offer students hands-on research opportunities and by experienced criminal justice professionals with intimate knowledge of the daily realities of crime and criminals. Students are encouraged to take advantage of internship opportunities in more than 200 agencies, study abroad programs, and flexible course scheduling offered in-person, online and across multiple campuses.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Criminal Justice (MA)

Criminology and Criminal Justice (MS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Yuma Students: ASU has a pathway that allows students to complete the ASU Transfer Admission Guarantee in criminology and criminal justice, a prescribed sequence of courses that meets the requirements for the community college's Associate of Arts degree and the lower-division requirements for the ASU Bachelor of Science in criminal justice and criminology. Upon completion of the TAG, students will complete the remaining requirements for ASU's bachelor's program. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at local community colleges.

This program may also accept transfer credit in lieu of a TAG agreement. Please contact the department for details.

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-criminology-and-criminal-justice?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Cochise College (<http://transfer.asu.edu/cochise>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

Graduates of the criminology and criminal justice program find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud
- corrections
- courts
- domestic terrorism
- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices

- victim advocate agencies

Graduates may also pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines.

Contact Information:

Public Service and Community Solutions, College of
School of Criminology and Criminal Justice
<https://ccj.asu.edu/>
UCENT 600
SCCJAdvising@asu.edu
602-496-2356

Nonprofit Leadership and Management, BS (PPNLMBS)

Campus: Downtown Phoenix

Program Description:

Through the BS program in nonprofit leadership and management, students are empowered to become successful professionals who work to advance the quality of life in communities. The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. It is this sector, with more than 1.6 million organizations in the U.S., that employs more people than the finance, insurance and real estate industries combined.

Philanthropy (voluntary action for the public good) is a hallmark of the nonprofit sector as individuals give their time, money and know-how to causes about which they care. Students in the nonprofit leadership and management program learn about the nonprofit sector through curriculum instruction and field experience. The required internship component of the program leads students to professional opportunities within the nonprofit sector. Within the undergraduate degree requirements, students may also choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance (formerly American Humanics, Inc.). For more information, access the school's website.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Community Resources and Development (MS)

Community Resources and Development (Nonprofits and NGOs)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Career Opportunities:

Depending on their interests, graduates seek work in diverse settings that include 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. Many work in affiliates of well-known national organizations such as:

- American Red Cross
- America's Second Harvest
- Humane Society of the United States
- March of Dimes
- National Urban League
- United Way
- youth-serving entities such as Big Brothers Big Sisters, Boys and Girls Clubs, Boy Scouts of America, Girl Scouts of the USA, Camp Fire USA and the YMCA of the USA

Increasing opportunities in the nonprofit sector include careers across the spectrum of community issues such as the arts, environment, health care and others. Typical positions include roles as:

- field executives
- fund development directors
- program directors
- program officers for grant-making organizations
- volunteer program managers

Contact Information:

Public Service and Community Solutions, College of
 School of Community Resources and Development
<https://scrd.asu.edu>
 UCENT 550
 scrd@asu.edu
 602-496-0550

Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)

Campus: Downtown Phoenix

Program Description:

Through the BS program in Nonprofit Leadership and Management, students are empowered to become successful professionals who work to advance the quality of life in communities. The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. Students in the nonprofit leadership and management program learn about the nonprofit sector through curriculum instruction and field experience. Many students in the nonprofit sector work with American Indian populations. The concentration in American Indian studies will familiarize students with American Indian world views, current issues and tribal governance.

The required internship component of the program leads students to professional opportunities within the nonprofit sector. Students may also choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Most of the major nonprofit organizations in Arizona work with American Indian populations providing services and expertise. Thus, career options are extensive and include many of the nonprofit organization in the state and beyond. Careers fields may include youth programming, fundraising, volunteer management and social services provision.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrdAdvising@asu.edu
602-496-0550

Parks and Recreation Management, BS (PPRMBS)

Campus: Downtown Phoenix

Program Description:

The BS program in parks and recreation management provides a transdisciplinary education in the management of parks, protected areas, community-based recreation services and special-event management. The parks and recreation field emerged from the youth development, recreation and park movements of the late 19th century. Students learn to integrate the managerial, natural, and social sciences to make informed decisions for recreation service delivery.

The curriculum of classroom instruction and field experiences covers:

- communication
- history
- inclusive services
- management
- parks and recreation policy
- planning
- programming

The required internship component of the program allows students to gain practical experience in the parks and recreation professions. The bachelor's degree program in parks and recreation management prepares students for professional positions in a variety of public, private and nonprofit organizations. The National Recreation and Park Association accredits this degree program. There are three areas of emphasis:

- community recreation services management
- natural resource recreation management
- special event management

Students interested in the BS in parks and recreation management may also be interested in the school's therapeutic recreation program. See the school website for details.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Community Resources and Development (MS)
- Community Resources and Development (Parks and Recreation Management)
- Community Resources and Development (Sustainable Communities)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

This degree program prepares students for professional positions in a variety of public, private and nonprofit organizations. Graduates are employed in a variety of settings in Arizona, nationally and abroad. Graduates find employment in such diverse settings as:

- armed forces recreation
- city park and recreation departments
- county and state park agencies
- federal natural resource agencies
- hospitals and care facilities
- nonprofit recreation programs
- private and commercial recreation facilities
- special event management
- sport venues
- youth agencies

In such settings, graduates design, develop and manage services that address the recreational needs of a particular clientele.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development
<https://scrd.asu.edu>
UCENT 550
scrd@asu.edu
602-496-0550

Parks and Recreation Management (Therapeutic Recreation), BS (PPRMTRBS)

Campus: Downtown Phoenix

Program Description:

The BS in parks and recreation management with a concentration in therapeutic recreation is the only program in Arizona that prepares students for national professional certification in therapeutic recreation. The program is designed for students who have an interest in providing therapeutic interventions and adaptive recreation services for individuals with social problems, illnesses and disabling conditions. The required internship component of the program allows students to gain practical experiences in the therapeutic recreation field. Students who choose this concentration are truly committed to improving people's lives and contributing to their communities.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Community Resources and Development (MS)
- Community Resources and Development (Parks and Recreation Management)
- Community Resources and Development (Sustainable Communities)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

There are a range of job opportunities for therapeutic recreation professionals including in clinical settings, such as hospitals and nursing homes, adventure programming for youth-at-risk and people with disabilities, and community programs offered through parks and recreation departments.

Contact Information:

Public Service and Community Solutions, College of
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Public Service and Public Policy, BS (PPPAFBS)

Campus: Downtown Phoenix, Online

Program Description:

The BS 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 and learn how to lead a public organization and understand the process of policy development. This program examines the public sector and addresses, in a practical way, the challenges facing the public. The program is unique because it enables students to study public service, policy and administration with a professional focus.

Students select one of the following concentration areas to supplement their core courses:

- American Indian studies
- business
- criminology
- emergency management
- health policy
- law and policy
- nonprofit leadership and management
- parks and recreation management
- public leadership and management
- public policy
- science and technology
- social services delivery
- sustainability
- urban studies

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with Public Administration (MPA) - Downtown Phoenix

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

This degree program provides students with the knowledge and skills to transform government and policy at all levels. The public service sector offers sustainable, exciting and fulfilling career options. Upon graduation, students will be empowered to use knowledge of the public sector as a catalyst to change the world. By understanding the challenges facing government and being well-versed in the development of multiple, useful and realistic solutions, students will contribute to the development of local, national and global communities.

The bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

Contact Information:

Public Service and Community Solutions, College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in American Indian studies as part of their BS in public service and public policy. This concentration emphasizes tribal sovereignty, cultural integrity and identity of the American Indian nations and peoples, creating a learning environment conducive to critical and creative thought.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

The American Indian studies concentration provides students with more specialized knowledge about the policy implication of American Indian-related decisions and actions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Business), BS (PPPAFBUBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in business as part of their BS in public service and public policy. This concentration establishes a core business curriculum while allowing students the flexibility to pursue their passion, from entrepreneurial opportunities to working for a Fortune 500 company. Course work will teach lasting business concepts.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on individuals working in or interested in working in the public sector. The skills and knowledge the students will acquire in the program will allow them to successfully function in many other types of organizations as well; however, the primary focus is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The business concentration prepares students with an interest in policy to focus on business issues and their policy implications.

Contact Information:

Public Service and Community Solutions, College of

School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Criminology), BS (PPPAFCBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in criminology as part of their BS in public service and public policy. Criminology continues to be a highly sought-after area and it presents broad policy implications for future public sector professionals. The concentration introduces students to the fundamental foundations in criminal justice and criminology by preparing them to think critically, contribute to society and enhance public safety.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector, and although the skills and knowledge students will acquire will allow them to successfully function in many other types of organizations as well, primary focus is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The criminology concentration provides students with more specialized knowledge about the policy implications of criminology-related decisions and actions.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

Campus: Downtown Phoenix, Online

Program Description:

The School of Public Affairs offers a concentration in emergency management and homeland security as part of their BS in public service and public policy. This concentration provides students with the skills and knowledge to manage and assume positions of leadership within the field of emergency management and homeland security. Concepts of public policy and management are blended together with emergency management

principles to enhance and foster critical thinking within the general field of study. More specifically, the program's focus provides the student with a comprehensive perspective which is critically important for today's and tomorrow's disaster managers.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy-emergency?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Retiring baby boomers plus increasing demand for public services have resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly 2 million people employed across the country, and nearly 85 percent of those jobs exist outside the Washington, D.C. area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service will have an advantage in that market.

Contact Information:

Public Service and Community Solutions, College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in health policy as part of the BS in public service and public policy. This allows students to build a course of study that emphasizes their own areas of interest. The health care industry is continuing to be a major part of the U.S. and world economy.

The concentration in health policy will provide students who have an interest in policy to focus on health-related issues and their policy implications. The courses in the concentration are offered by the School of Nutrition and Health Promotion and the School of Human Evolution and Social Change. All the courses are part of the college's regular degree offerings. Thus, students emerge from the program prepared to address policy issues in this substantive area with an understanding of the range of public service careers (including government, nonprofit and for-profit options), the economics of public affairs, the challenge of leadership in the public context, and the dynamics of administering public programs.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

The health policy concentration provides students with more specialized knowledge about the policy implication of health-related decisions and actions.

Contact Information:

Public Service and Community Solutions, College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in law and policy as part of their BS in public service and public policy. Through this concentration, students who have an interest in public policy focus on legal issues and their policy implications and broaden their educational experience while concentrating in an area that is in high demand.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however the primary focus is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a BS in public service and public policy with a concentration in nonprofit leadership and management. The role of nonprofit organizations continues to grow and presents broad policy implications for future public sector professionals. This concentration empowers students to understand the unique aspect of the social, political, economic and philanthropic factors related to the nonprofit sector.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.
Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however, the primary focus is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The nonprofit leadership and management concentration provides students with more specialized knowledge about the policy implications of the

nonprofit sector.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a BS in public service and public policy with a concentration in parks and recreation management. Leisure and quality of life are an essential part of our society. This concentration provides students a transdisciplinary education in the management of parks, protected areas and community-based recreation services.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on individuals working or interested in working in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however, the primary focus is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The parks and recreation management concentration provides students with more specialized knowledge about the policy implication of the development and management of leisure in modern life.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Public Service and Public Policy (Science and Technology Policy), BS (PPPAFSTBS)

Campus: Downtown Phoenix

Program Description:

The School of Public Affairs offers a concentration in science and technology policy as part of their BS in public service and public policy. The science and technology policy concentration prepares students to tackle many of today's most important challenges: climate change, energy, information privacy, public health and global development.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Transfer Agreements:** ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)**Career Opportunities:**

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion.

The science and technology policy concentration provides students with more specialized knowledge about the policy implication of science and technology-related decisions and actions.

Contact Information:

Public Service and Community Solutions, College of

School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

Campus: Downtown Phoenix**Program Description:**

The School of Public Affairs offers a concentration in social services delivery as part of the BS in public service and public policy. Students with an interest in public policy explore the policy implications of social problems and social welfare programs and broaden their educational experience while concentrating in an area that is in high demand.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

Retiring baby boomers and an increasing demand for public services have resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country, and nearly 85 percent of those jobs exist outside the Washington, D.C. area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service will have an advantage in that market.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs

<https://spa.asu.edu/pspp>

UCENT 400

spa@asu.edu

602-496-0450

Public Service and Public Policy (Sustainability), BS (PPPAFSBS)

Campus: Downtown Phoenix

Program Description:

The BS in public service and public policy prepares students for work in government at all levels and nonprofit organizations through comprehensive coverage of topics in public policy, public leadership and management, and urban studies.

Sustainability continues to be a highly sought-after area and it presents broad policy implications. Through this concentration, students explore the challenges of sustainability and how it may be used to develop solutions to pressing issues at local and global levels.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The program is primarily focused on individuals working or seeking work in the public sector. The skills and knowledge students acquire allow them to successfully function in many other types of organizations, though the primary focus is on public organizations. A bachelor's degree program in public service and public policy prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

The sustainability concentration provides students with more specialized knowledge about the policy implication of sustainability-related decisions and action.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/pspp>
UCENT 400
spa@asu.edu
602-496-0450

Social Work, BSW (PPSWUSWU)

Campus: Downtown Phoenix, West, Tucson

Program Description:

Please note: Students interested in completing the BSW program in Tucson are encouraged to complete a Transfer Admission Guarantee program. The Tucson location option is only available to transfer students. For admission requirements, please see <https://socialwork.asu.edu/bsw> (<https://socialwork.asu.edu/bsw>).

Social work practitioners are committed to the enhancement of individual, family and group problem-solving capacities and the creation of a more nurturing, just and humane social environment. The undergraduate curriculum leads to a Bachelor of Social Work. Juniors and seniors majoring in social work focus on social work courses in social policy and services, human behavior in the social environment, social work practice, research and field instruction in community agencies. In addition, majors take elective courses in related areas.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: Y

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Tucson Students: ASU has a pathway that allows students to complete the ASU Transfer Admission Guarantee in social work, a prescribed sequence of courses that meets the requirements for the community college's Associate of Arts degree and the lower-division requirements for the ASU Bachelor of Social Work. The Tucson program option is only available to transfer students. Upon completion of the TAG, students will complete the remaining requirements for ASU's bachelor's program. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at local community colleges.

This program may also accept transfer credit in lieu of a TAG agreement. Please contact the School of Social Work for details.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)
Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

The program prepares students to be generalist social work practitioners, focusing on advocacy, referrals, case management and problem-solving functions with individuals, groups, families, organizations and the community.

Employment in social work is expected to increase commensurately with the needs of a growing and diverse population.

Social workers are employed in public and private agencies dealing with a wide variety of social issues, including:

- adoption
- aging
- AIDS
- child abuse
- corrections
- delinquency
- disability
- discrimination
- domestic violence
- family dysfunction
- foster care
- health
- homelessness
- mental health
- poverty
- school-related problems
- substance abuse
- teen pregnancy

Social work skills such as problem-solving, resource utilization, counseling, group work and community organization are also useful for positions with industry in employee relations and mediation.

Contact Information:

Public Service and Community Solutions, College of
School of Social Work
<https://socialwork.asu.edu>
UCENT 800
social.work@asu.edu
602-496-0800

Tourism Development and Management, BS (PPTDMBS)

Campus: Downtown Phoenix

Program Description:

Through the BS program in tourism development and management, students acquire the planning and management skills related to the growth and development of tourism throughout the world. The curriculum prepares students for employment across a wide variety of occupations in the rapidly expanding travel and tourism industry while taking full advantage of its strong connections with the professional tourism community in Phoenix.

The required internship component of the program allows students to gain practical experiences leading to professional positions in various travel, tourism and related fields. Exposure to the practices of heritage tourism, sustainable tourism, resort management, and meeting and convention planning prepares students for successful careers in the travel and tourism industry. While pursuing the bachelor's degree in tourism development and management, a student may also choose to complete a certificate in convention sales and meeting planning. Additionally, students have the opportunity to participate in a study abroad program.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Community Resources and Development (MS)
- Community Resources and Development (Sustainable Communities)
- Community Resources and Development (Tourism)
- Sustainable Tourism (MAS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

The travel and tourism industry is the largest employer in the world and the second largest in Arizona. Based upon interests, graduates can seek work in the public, nonprofit or private and commercial sectors. Graduates find employment in such diverse settings as resorts, meeting planning, convention and visitor bureaus, tour operations and commercial recreation businesses. In such settings, graduates design, develop and manage services that address the needs of a particular clientele. The metropolitan Phoenix area is a major hub of tourism in the southwestern U.S. and has experienced rapid growth in:

- business and corporate travel
- meetings and conventions
- resorts and hotels
- sports tourism
- state and national parks
- the air transportation sector
- the gaming and casino sectors

Contact Information:

Public Service and Community Solutions, College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)

Campus: Downtown Phoenix

Program Description:

The concentration in resort and hotel leadership will attract students and professionals who have interests in the diverse areas of knowledge needed within the accommodations sector, such as:

- career opportunities
- ecological, social and economic sustainability practices in the industry
- management and leadership specifically for the accommodations sector
- meeting the expectations of hotel and resort guests
- the interrelated functions within departments of the lodging, food and beverage industries

A concentration in resort and accommodations leadership will provide students an academic option to study in depth the resort and accommodations system and gain knowledge of the importance of the business relationships between suppliers, intermediaries and vendors, guests, and the public and private sectors. The concentration will prepare students to serve our community by developing the skills, knowledge,

techniques and capabilities needed for addressing major issues related to resorts and other tourism accommodations.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

- Community Resources and Development (MS)
- Community Resources and Development (Sustainable Communities)
- Community Resources and Development (Tourism)
- Sustainable Tourism (MAS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

There are a variety of job opportunities for resort or hotel professionals, ranging from entry-level as a management trainee to an assistant manager or manager in various departments, such as:

- catering and banquet
- convention sales
- front desk
- guest services
- rooms division
- sales and marketing

Contact Information:

Public Service and Community Solutions, College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

Campus: Downtown Phoenix

Program Description:

The tourism development and management major provides students with the theoretical understanding necessary to maneuver the complexities of one of the world's largest industries. A concentration in sustainable tourism allows majors to hone their understanding of the key concepts of sustainability and how these can be applied to tourism destinations and development. Students will learn the dominant theories and language that make up sustainability science and the skills necessary to measure, create and implement sustainability policies in tourism destinations, from the planning to the management stage of development. Students will take courses offered by the School of Sustainability in addition to courses in the School of Community Resources and Development, guaranteeing a strong foundation in the basic theories of the growing field of sustainability while applying these newfound skills to tourism development and management.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Community Resources and Development (MS)

Community Resources and Development (Sustainable Communities)

Community Resources and Development (Tourism)

Sustainable Tourism (MAS)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The area of sustainable tourism is becoming increasingly important. Many tourism businesses are hiring sustainability coordinators; these businesses include hotels, airlines, convention and visitor bureaus and large attractions. Tour companies, such as those that implement ecotourism and volunteer tourism experiences, are especially interested in employees with a strong sustainable tourism background. Numerous sustainable tourism nonprofit organizations have emerged in recent years, and many government-related tourism organizations also hire those with a strong sustainability focus. Consulting opportunities are available to assist tourism businesses in developing sustainable practices as well.

Contact Information:

Public Service and Community Solutions, College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

scrd@asu.edu

602-496-0550

Urban and Metropolitan Studies, BA (PPURBBA)

Campus: Downtown Phoenix

Program Description:

Located in the heart of downtown Phoenix, the urban and metropolitan studies program is for students who have a yearning to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The urban and metropolitan studies program prepares students for work in a wide range of fields. The transdisciplinary approach of the program allows graduates to successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

There are many careers and advanced degrees that may be pursued with a bachelor's degree in urban and metropolitan studies. Some of these careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and plan to participate in an internship that complements their long-term professional goals.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs

<https://spa.asu.edu/ums>

UCENT 400

spa@asu.edu

602-496-0450

Urban and Metropolitan Studies, BS (PPURBBS)

Campus: Downtown Phoenix

Program Description:

Located in the heart of downtown Phoenix, the urban and metropolitan studies program is for students who have a yearning to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students in this program discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown, and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, and revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange (WUE) program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program (<http://students.asu.edu/admission/wue>).

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

The urban and metropolitan studies program prepares students for work in a wide range of fields. The transdisciplinary approach of the program allows graduates to successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

There are many careers and advanced degrees that may be pursued with a bachelor's degree in urban and metropolitan studies. Some of these careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and a plan to participate in an internship that complements their long-term professional goals.

Contact Information:

Public Service and Community Solutions, College of
School of Public Affairs
<https://spa.asu.edu/ums>
UCENT 400
spa@asu.edu
602-496-0450

Sustainability, School of

Sustainability, BA (SUSUSTBA)

Campus: Polytechnic, Tempe, Online

Program Description:

Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions that are created today will shape the quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world problems and focus on developing practical solutions to some of the most pressing environmental, economic and social challenges of sustainability. The curriculum trains students to approach challenges with consideration of complex adaptive systems and resilience; interconnections and cascading effects between scales; management of tradeoffs; stakeholder engagement; future visioning and scenario typologies for transitioning social-ecological systems; and other cutting-edge frameworks.

The Bachelor of Arts is geared toward students interested in the social and human aspects of sustainability in global, regional and local contexts. Disciplinary perspectives included in the core courses of the degree tracks include anthropology, urban planning and design, environmental economics, ethics, geography, philosophy of science, political science, sociology and other disciplines relevant to the sustainability of environmental resources and social institutions.

Students select from one of the four following tracks:

- international development and sustainability
- policy and governance in sustainable systems
- society and sustainability
- sustainable urban dynamics

Students in the School of Sustainability not only gain an understanding of the field of sustainability and strong problem-solving, systems-thinking, stakeholder engagement and future scenario-building skills, they also develop strength in a more traditional discipline of their choice. They blend and apply these skills and streams of knowledge through required capstone experiences in the senior year. Capstone requirements consist of an internship with a sustainability-focused organization and a workshop in which students work together as a team to develop solutions to real sustainability problems. Students graduate with a portfolio of accomplishments and skills. They also have the opportunity to participate in study abroad programs, student organizations, professional development workshops and hands-on initiatives such as ProMod (<https://schoolofsustainability.asu.edu/student-experience/promod> (<https://schoolofsustainability.asu.edu/student-experience/promod>)). Learn more here: <https://schoolofsustainability.asu.edu/degrees/bachelor-arts>. (<https://schoolofsustainability.asu.edu/degrees/bachelor-arts>)

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci
Program Math Intensity: Moderate

Concurrent Degrees:

This degree is also offered as concurrent degree with Supply Chain Management, BS

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The School of Sustainability has higher admission requirements. Applicants must select a second choice for their major on the application. Students who are not admitted to the School of Sustainability and who did not select a second major or are not admissible to the second major choice will be admitted to the exploratory social and behavioral sciences program within the College of Integrative Sciences and Arts. Students with more than 45 transfer hours who are not admissible to the College of Integrative Sciences and Arts will be contacted to select an appropriate major.

Freshman applicants must meet the following standards:

Have a minimum high school ABOR GPA of 3.30 AND

- rank in the top 15 percent of their high school graduating class OR
- an SAT combined score of 1140 or higher (if taken prior to March 2016) or 1210 or higher (if taken in or after March 2016) OR
- an ACT combined score of 25 or higher.
- No high school math competency deficiency.

Transfer students (with 12 or more transfer hours after high school graduation) are required to have a cumulative transfer GPA of 3.30 or higher.

ASU students who would like to change their major to sustainability are required to have a cumulative ASU GPA of 3.30 or higher (based on at least 12 credit hours).

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-sustainability?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- consultancy
- government
- industry
- intergovernmental organizations
- international development
- management
- municipalities
- nongovernmental organizations or nonprofits
- policy-making enterprises
- regulatory agencies
- utilities

Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Of alumni who have shared their experiences with the school, 95 percent are employed in sectors such as those listed above and four percent have gone on to a graduate program. Sustainability students offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/bachelor-arts>
WGHL 108
schoolofsustainability@asu.edu
480-727-6963

Sustainability, BS (SUSUSTBS)

Campus: Polytechnic, Tempe, Online

Program Description:

Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions that are created today will shape the quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world problems and focus on developing practical solutions to some of the most pressing environmental, economic and social challenges of sustainability. The curriculum trains students to approach challenges with consideration of complex adaptive systems and resilience; interconnections and cascading effects between scales; management of tradeoffs; stakeholder engagement; future visioning and scenario typologies for transitioning social-ecological systems; and other cutting-edge frameworks.

The Bachelor of Science is geared toward students interested in the more quantitative aspects of sustainability, such as energy, economics and ecology. Disciplinary perspectives included in the core courses of the degree tracks include ecology, engineering, environmental economics, environmental science, conservation biology, hydrology, physical geography, earth-systems management and other disciplines relevant to the sustainability of environmental resources and social institutions.

Students select from one of the three following tracks:

- economics of sustainability
- sustainable ecosystems
- sustainable energy, materials and technology

Students in the School of Sustainability not only gain an understanding of the field of sustainability and strong problem-solving, systems-thinking, stakeholder engagement and future scenario-building skills, they also develop strength in a more traditional discipline of their choice. They blend and apply these skills and streams of knowledge through required capstone experiences in the senior year. Capstone requirements consist of an internship with a sustainability-focused organization and a workshop, in which students work together as a team to develop solutions to real sustainability problems. Students graduate with a portfolio of accomplishments and skills. They also have the opportunity to participate in study abroad programs, student organizations, professional development workshops, and hands-on initiatives such as ProMod (<https://schoolofsustainability.asu.edu/student-experience/promod> ([//schoolofsustainability.asu.edu/student-experience/promod](https://schoolofsustainability.asu.edu/student-experience/promod))). Learn more here: <https://schoolofsustainability.asu.edu/degrees/bachelor-science> (<https://schoolofsustainability.asu.edu/degrees/bachelor-science>).

Additional Program Fee: N

Second Language Requirement: Y

First Required Math Course: SOS 101 - Intro Appl Math Life & Soc Sci

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

The School of Sustainability has higher admission requirements. Applicants must select a second choice for their major on the application. Students who are not admitted to the School of Sustainability and who did not select a second major or are not admissible to the second major choice will be admitted to the exploratory social and behavioral sciences program within the College of Integrative Sciences and Arts. Students with more than 45 transfer hours who are not admissible to the College of Integrative Sciences and Arts will be contacted to select an appropriate major.

Freshman applicants must meet the following standards:

have a minimum high school ABOR GPA of 3.30 AND

- rank in the top 15 percent of their high school graduating class OR
- an SAT combined score of 1140 or higher (if taken prior to March 2016) or 1210 or higher (if taken in or after March 2016) OR
- an ACT combined score of 25 or higher.
- No high school math competency deficiency.

Transfer students (with 12 or more transfer hours after high school graduation) are required to have a cumulative transfer GPA of 3.30 or higher.

ASU students who would like to change their major to sustainability are required to have a cumulative ASU GPA of 3.30 or higher (based on at least 12 credit hours).

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program. Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- consultancy
- energy management
- government
- industry
- intergovernmental organizations
- international development
- management
- municipalities
- natural resource management
- nongovernmental organizations
- nonprofits
- policy-making enterprises
- regulatory agencies
- utilities
- water management
- waste management

Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Of alumni who have shared their experiences with the school, 95 percent are employed in sectors such as those listed above and four percent have gone on to a graduate program. Sustainability students offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

Contact Information:

Sustainability, School of
School of Sustainability
<https://schoolofsustainability.asu.edu/degrees/bachelor-science/>
WGHL 108
schoolofsustainability@asu.edu
480-727-6963

Teachers College, Mary Lou Fulton

Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)

Campus: Tempe

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program for early childhood and early childhood special education prepares students for certification in both early childhood education (birth to age eight or grade three) and early childhood special education (birth to age eight or grade three).

This is a premier program taught by nationally renowned faculty who emphasize community connectedness, technology integration, policy analysis and advocacy related to young children with or without disabilities or developmental delays.

The program teaches child development, best practices in early childhood education and the skills to assess, monitor and report the progress of children with and without disabilities. It provides techniques and approaches to involve family members in the growth and development of young children.

The early childhood and early childhood special education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Teachers College students complete internships during their junior year that require one to two days per week in a classroom and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools coach interns and student teachers during required preschool and K-3rd grade general education and special education clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

Graduates are recommended for teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N**Second Language Requirement:** N**First Required Math Course:** MAT 142 - College Mathematics**Program Math Intensity:** General**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Transfer Agreements:** ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.Pima Community College (<http://transfer.asu.edu/pima>)Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)**Career Opportunities:**

There is a strong demand for early childhood special education teachers in Arizona. A high percentage of students from this program receive job offers during their senior year residency. Many graduates with a degree in early childhood special education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs and public school early childhood environments. Early childhood certification or endorsement is required for teaching kindergarten in Arizona.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-of-arts-education-early-childhood-special-education>

ED 118

educationadvising@asu.edu

Education Exploratory, (TEEDUEXPL)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

Students in the education exploratory track have the unique opportunity to explore different certification areas prior to selecting one of many majors within the Mary Lou Fulton Teachers College. During the program's course, TEL 101 The Teachers College Experience (1), and through specific events scheduled throughout freshman year, students on this track will be exposed to all programs and certification areas. Students will be able to make a more informed decision about the grade level or subject they want to teach while the exploratory track keeps them on track to graduate from any of the BAE programs. This track will not lead to a degree, and students will need to declare a major after completion of 30 credits.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

Admission is restricted to first-time freshmen only. Please contact EducationAdvising@asu.edu (<mailto:EducationAdvising@asu.edu>) for questions regarding admission and program eligibility.

Career Opportunities:

All students in the education exploratory program will graduate from one of the majors within Mary Lou Fulton Teachers College. Information for those career opportunities can be found under the major.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/exploratory-education-degree>

ED 118

educationadvising@asu.edu

480-965-5555

Educational Studies, BAE (EDSLSTBAE)

Campus: Polytechnic, Tempe, West, Online

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE for educational studies is not a teacher certification program. It prepares students to work with children and youth outside of traditional classrooms. The program embraces the view that teaching happens not only in schools but in a variety of contexts that includes the workplace, cultural institutions and people's interactions with media.

The program provides a strong general foundation in education through research and discussion of current issues in education, educational psychology, human development and community-based educational opportunities. There are two delivery options for educational studies: face-to-face and online.

In the face-to-face option, the students select electives from the following areas:

- early childhood education
- educational technology
- environmental education
- games and impact
- physical activity and coaching

In the 100 percent online option, students are provided the opportunity to explore learning opportunities within their own community and to develop as leaders and advocates for children, youth or adults.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Accelerated Degrees:

This degree is also offered as an accelerated degree with:

Educational Policy

Learning Sciences (MA)

Acceptance to the graduate program requires a separate application. Eligible students will be advised in their Junior and Senior years by their academic department to apply.

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Attend Online: ASU offers this program in a fully online format-no face-to-face sessions required. We offer six enrollment sessions throughout the year, and you learn in accelerated, 7.5-week classes. View the program description and request more information here.

(http://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-education-educational-studies?utm_source=asu&utm_medium=degree-search&utm_campaign=asu)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Northland Pioneer College (<http://transfer.asu.edu/northland-pioneer>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Career Opportunities:

This degree program prepares students for positions in fields which require a baccalaureate degree and in which they have the opportunity to work with children or youth, positions such as director, coordinator or program manager for nonprofit or government organizations, or as entrepreneurs.

Graduates earn a versatile degree that qualifies them for a variety of career paths working with nonprofit or government organizations, private educational or recreational settings, and as innovators, advocates and leaders with organizations that support the development of children, youth and adults. This degree also prepares undergraduate students for postgraduate degrees in education or education-related fields.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-of-arts-in-educational-studies>

ED 118

educationadvising@asu.edu
480-965-5555

Educational Studies (Early Childhood Education), BAE (TEESECEBAE)

Campus: Additional Arizona Locations

Program Description:

The BAE in educational studies with a concentration in early childhood education is only offered in specific rural areas. Students interested in studying in the Phoenix metropolitan area should apply to the BAE educational studies program.

The Bachelor of Arts in Education in educational studies prepares students to work with children and youth outside of traditional classrooms. This program provides a strong foundation in education by examining current issues in education, educational psychology, child development and evidence-based practices.

Students in the program prepare for a variety of career paths working in nonprofit or government organizations, private educational or recreational settings, or as entrepreneurs in youth-oriented fields. With the specialization in early childhood education, graduates are also eligible to teach in a Head Start program or in similar organizations. In addition, this degree is a good fit for students who wish to pursue graduate-level programs in education or education-related fields. The knowledge and practical experience students gain throughout the program will positively impact children and families in rural sites.

Note: The educational studies program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Many students are already teaching in Head Start preschools and this program supports a recent Head Start mandate which requires that preschool teachers hold a bachelor's degree in early childhood education. The BAE in educational studies with a concentration in early childhood education will meet these requirements. In addition, a BAE in educational studies will provide graduates with other opportunities for careers involving work with children and youths.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu>

ED 120

educationadvising@asu.edu

480-965-5555

Elementary Education, BAE (TEEEDBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

This BAE program leads to elementary education certification in the state of Arizona for grades 1-8.

This program offers students a firm grounding in academic content with current research and best practices, accompanied by real-world classroom experiences. Faculty are nationally recognized in their fields of expertise. This program also offers a full structured English immersion endorsement

to work with English language learners and provides extensive experiences in integrating technology into teaching.

The elementary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during their junior year that require one day per week in grades 1-8 classrooms and student teaching, which is a full-time, year-long apprenticeship known as their senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates are recommended for grades 1-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Central Arizona College (<http://transfer.asu.edu/central-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Career Opportunities:

There is a demand for highly qualified elementary teachers in Arizona. A high percentage of students from this program receive job offers during their student teaching. Many graduates with a degree in elementary education work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-of-arts-elementary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Elementary Education (Bilingual Education and English as a Second Language), BAE (TEDLLBAE)

Campus: Tempe

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program for elementary education, bilingual education and English as a second language offers students a firm grounding in current research about and best practices for English language learners, accompanied by real-world classroom experiences.

Students can expect to learn principles of first and second language acquisition, foundations of various program models, global awareness and diversity in families and communities in multicultural settings, as well as academic content areas including math, language arts, computer literacy and science with a specific focus on meeting the academic and linguistic needs of English language learners.

The elementary education, bilingual education and English as a second language teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 1-8 classrooms and student teaching, which is a full-time, year-long apprenticeship known as their senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences with high concentrations of English language learners. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

The program requires six credit hours of a foreign language or its equivalent and enables students to work with second-language learners.

Graduates are recommended for grades 1-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test to be eligible for the BLE endorsement.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Career Opportunities:

There is a great demand for teachers in Arizona with a bilingual education ESL endorsement. A high percentage of students from this program receive job offers during their student teaching. Many graduates with a degree in elementary education work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-of-arts-elementary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)

Campus: Polytechnic

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in elementary education with an emphasis on science, technology, engineering and math has course work that leads to an elementary education teaching certificate and highly qualified teaching status in middle school science or math. This STEM program offers students a firm grounding in math and science content, with current research and best practices accompanied by real-world experience in math and science classrooms. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

The elementary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 1-8 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences in math or science settings. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates are recommended for grades 1-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Pima Community College (<http://transfer.asu.edu/pima>)

Career Opportunities:

There is a demand for highly qualified elementary teachers in math or science in Arizona, according to recent research on teacher supply and demand. The job opportunities in a fast growing state such as Arizona are numerous. Demand for math and science teachers will continue to grow.

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-of-arts-elementary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Additional Arizona Locations), BAE (TESEDBAE)

Campus: The Gila Valley, Yuma

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

Please note: This program is designed for students who complete an ASU Transfer Admission Guarantee (TAG) program. It is offered at specific Arizona locations in partnership with community colleges. Please see the admission requirements below.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, Mary Lou Fulton Teachers College collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements:

ASU has a pathway that allows students to complete the ASU Transfer Admission Guarantee in secondary education, a prescribed sequence of courses that meets the requirements for the community college's Associate of Arts degree and the lower-division requirements for the ASU Bachelor of Arts in Education in secondary education. Upon completion of the TAG, students will complete the remaining requirements for ASU's secondary education BAE at a local community college. Visit <https://transfer.asu.edu/> (<https://transfer.asu.edu/>) for more information about ASU degrees offered at local community colleges. Applicants must have completed the TAG agreement and earned an associate degree for acceptance to the bachelor's.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Biological Sciences), BAE (TEBIOBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 170 - Precalculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Chemistry), BAE (TECHMBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I**Program Math Intensity:** Substantial**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)International (<https://students.asu.edu/international/future>)Readmission (<https://students.asu.edu/readmission>)**Transfer Agreements:** ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)Arizona Western College (<http://transfer.asu.edu/az-western>)Central Arizona College (<http://transfer.asu.edu/central-az>)Cochise College (<http://transfer.asu.edu/cochise>)**Career Opportunities:**

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)

Campus: Polytechnic, Tempe, West**Program Description:**

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way --- and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Economics), BAE (EDECNBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or

Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 210 - Brief Calculus

Program Math Intensity: Moderate

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (English), BAE (TEENGBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams, National Evaluation Series or Arizona Educator Proficiency Assessments, in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (French), BAE (EDFREBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way --- and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Geography), BAE (EDGCUBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (German), BAE (EDGERBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (History), BAE (TEHISBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Cochise College (<http://transfer.asu.edu/cochise>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Japanese), BAE (EDJPNBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12

classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Mathematics), BAE (TEMATBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12

classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Cochise College (<http://transfer.asu.edu/cochise>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Physical Education), BAE (ECPPEBAE)

Campus: Polytechnic

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education with a physical education concentration leads to a K-12 teaching certificate. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the requisite teaching knowledge and abilities to successfully teach elementary, middle or high school students. The curriculum directly aligns with Arizona's standards for teachers and the National Association for Sport and Physical Education's beginning teacher standards. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12

classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Additional Requirements: Students will be admitted to the preprofessional status and must complete additional requirements for entrance to the professional status. See department web site for more information.

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates from secondary education with a physical education concentration are recommended for certification for grades K-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

SANCA 331

educationadvising@asu.edu

480-727-1103

Secondary Education (Physics), BAE (EDPHYBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education,

physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 270 - Calculus w/Analytic Geometry I

Program Math Intensity: Substantial

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Political Science), BAE (TEPOLBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Cochise College (<http://transfer.asu.edu/cochise>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Secondary Education (Spanish), BAE (TESPABAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE program in secondary education prepares educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, the program focuses on developing the skills and teaching abilities required to successfully teach middle or high school students. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

In order to integrate teacher preparation with the secondary education requirements for an academic specialization, the college collaborates with academic departments across the university. The program offers the following secondary education certification areas: biological sciences, chemistry, earth and space sciences, economics, English, French, geography, German, history, Japanese, mathematics, physical education, physics, political science and Spanish.

The secondary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in preK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 6-12 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Career Opportunities:

Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-program/undergraduate/bachelor-arts-education-secondary-education>

ED 118

educationadvising@asu.edu

480-965-5555

Special Education and Elementary Education, BAE (TESPEBAE)

Campus: Polytechnic, Tempe, West

Program Description:

The most effective educators stretch. They keep going. They're relentless. They suspect that there's always a better way---and they find it. They embrace responsibility for the world's most important job. Graduates of ASU's Mary Lou Fulton Teachers College receive best-in-class preparation that will enable them to thrive in their careers and play a vital role in improving the educational experience and outcomes of children.

The BAE dual program in special education and elementary education leads to the following teaching certificates: Mild-Moderate Disabilities Special Education, K-12 and Elementary Education, grades 1-8. The dual certification program prepares students to work with typical children and youth and those with mild to moderate disabilities in inclusive settings. This program also offers a full structured English immersion endorsement to work with English language learners and provides extensive experiences in integrating technology into teaching.

The dual program is designed to give preservice teachers foundational knowledge in academic content with current research and evidence-based practices in literacy, math, sciences, health and social studies; integration of technology into all areas; and real-world experience in classrooms through the iTeachAZ program.

The special education and elementary education teacher certification program is clinically embedded during the junior and senior years. The primary goal of all clinical experiences is to provide interns and student teachers with multiple opportunities to apply knowledge learned in course work to practice in PreK-12 classrooms. Mary Lou Fulton Teachers College students complete internships during the junior year that require one day per week in grades 1-8 classrooms and student teaching, which is a full-time, year-long apprenticeship known as the senior year residency. Mary Lou Fulton Teachers College faculty and highly qualified mentor teachers from our partner school districts and charter schools collaboratively coach interns and student teachers during required clinical experiences. The clinical experience provided by the program, known as iTeachAZ, is unmatched in Arizona. It provides students with an opportunity to work directly with children and make an immediate impact on classroom achievement. This intensive hands-on clinical experience model of teacher preparation creates highly sought-after graduates.

Because the general education classroom is a viable placement option for many students with mild and moderate learning and behavioral disabilities, training special education teachers to collaborate is emphasized throughout the professional preparation sequence. Students receive additional training in interpersonal communication and problem-solving skills. They also learn adaptive techniques and assistive technologies that facilitate the successful integration of students with diverse learning needs into general education classrooms.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exams (either the National Evaluation Series or Arizona Educator Proficiency Assessments) in both content area and professional knowledge to be certified to teach in the state of Arizona. Graduates will receive mild to moderate certification in special education for K-12 students with mild to moderate intellectual disabilities, emotional disorders, specific learning disabilities, orthopedic impairments, and other health impairments. They also receive an elementary certificate for teaching grades 1-8.

Additional Program Fee: N

Second Language Requirement: N

First Required Math Course: MAT 142 - College Mathematics

Program Math Intensity: General

Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://students.asu.edu/freshman/requirements>)

Transfer (<https://transfer.asu.edu/index.php?q=transferrequirements>)

International (<https://students.asu.edu/international/future>)

Readmission (<https://students.asu.edu/readmission>)

Transfer Agreements: ASU has partnered with the following institutions to provide curriculum pathways for transfer to this ASU degree program.

Maricopa County Community College District (<http://transfer.asu.edu/maricopa>)

Arizona Western College (<http://transfer.asu.edu/az-western>)

Coconino Community College (<http://transfer.asu.edu/coconino>)

Cochise College (<http://transfer.asu.edu/cochise>)

Eastern Arizona College (<http://transfer.asu.edu/eastern-az>)

Mohave Community College (<http://transfer.asu.edu/mohave>)

Pima Community College (<http://transfer.asu.edu/pima>)

Yavapai College (<http://transfer.asu.edu/yavapai>)

Central Arizona College (<http://transfer.asu.edu/central-az>)

Career Opportunities:

National and state studies report the projected need in the next five to 10 years will be high for special education teachers. Graduates of the program will be eligible to teach in elementary education grades 1-8 and K-12 for the spectrum of high-incidence disabilities:

- emotional disorders
- intellectual disabilities (mild or moderate)
- orthopedic impairments
- other health impairments

- specific learning disabilities

Graduates can teach in a variety of inclusive educational settings, including public, charter and private schools, as well as nontraditional settings (juvenile system, children's hospital, etc.).

Contact Information:

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/teacher-education-degree-programs/undergraduate/bachelor-arts-education-special-education-elementary-education>

ED 118

educationadvising@asu.edu

480-965-5555

This page left intentionally blank

This page left intentionally blank