

Possibilities

Academic Programs



At ASU, the Possibilities are Endless

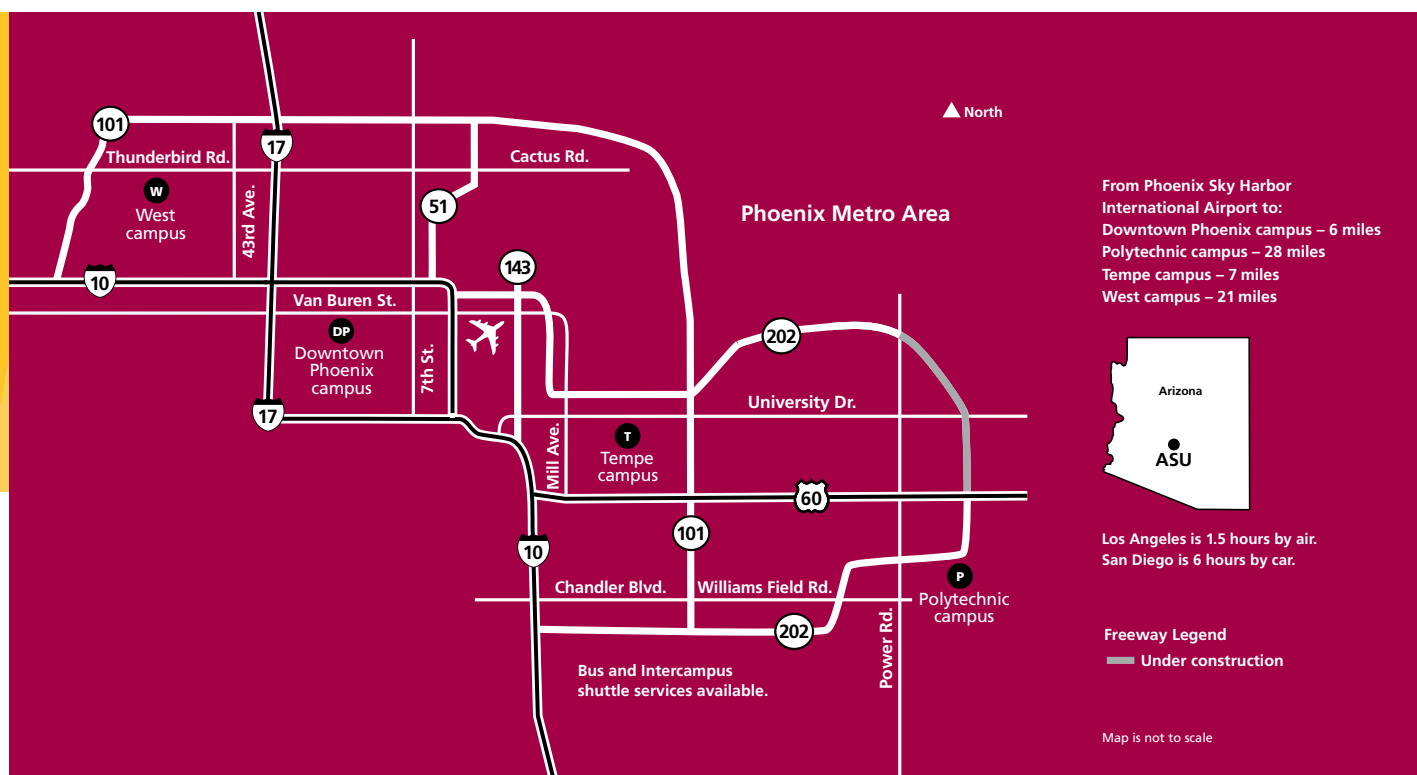
Get ready for your future. Through ASU's degree programs, you will gain the knowledge needed for your success, no matter what career you envision for yourself. Through this publication, you may explore all of the academic possibilities at ASU. Then, embark on creating an education that is uniquely your own – one that will prepare you to make a real and lasting contribution to society and to succeed in the career of your dreams.

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Explore all the possibilities online. As a dynamic institution, ASU continually offers new programs. www.asu.edu/majormenu

To schedule a visit, ask a question and apply for admission, visit www.asu.edu/admissions.



Exploring ASU's Majors

Arizona State University is an internationally recognized university enrolling more than 60,000 students across four campuses in the Phoenix metropolitan area in a comprehensive array of outstanding programs.

To make it easy for you to begin exploring ASU majors that interest you, majors are organized in this brochure into broad fields of interest rather than by ASU school, college or department. When you zero in on your broad field(s) of interest, explore further online using Major Menu at www.asu.edu/majormenu. Explore the possibilities.

Legend

Understanding Degrees and Majors

We have included both undergraduate and graduate degrees in this brochure so you can see all the possibilities at ASU.

An **undergraduate degree** program leads to a Bachelor of Arts degree or a Bachelor of Science degree. In this brochure, you will see them listed as B.A. or B.S. There are other bachelor degree designations that start with B.

A **graduate degree** (master's or doctoral degree) is an advanced program for students who wish to become experts in their fields and for those whose career positions require advanced degrees. Master's degrees are usually Master of Arts or Master of Science. In this brochure, you will see them listed as M.A. or M.S. There are other master's degrees such as M.F.A. (Master of Fine Art) or M.Ed. (Master of Education). A doctoral degree is more advanced than a master's degree. A Ph.D. is a Doctor of Philosophy and is the degree name for many doctoral programs. J.D., Juris Doctor, is a law degree. There are others as well.

A **concentration** is a group of related courses within a degree program which have a particular focus. Some programs have different concentrations from which students may choose depending on their particular interests. Concentrations for undergraduate degree programs are included in this brochure; they are indented and appear in white under their respective degrees. Explore graduate degree program concentrations online. www.asu.edu/programs/grad-degrees.html

If you wish to know which college offers the majors you are exploring or the name of the campus home to those majors, check out this legend. Each campus and each school/college has a code.

Downtown Phoenix Campus **DP**

College of Nursing & Healthcare Innovation **N**
College of Public Programs **PP**
University College **UC**

Polytechnic Campus **P**

East College **EC**
College of Science and Technology **S&T**
Morrison School of Management and Agribusiness **M&A**

Tempe Campus **T**

College of Design **D**
College of Liberal Arts and Sciences **CLAS**
Ira A. Fulton School of Engineering **E**
Katherine K. Herberger College of Fine Arts **FA**
Mary Lou Fulton College of Education **ED**
Sandra Day O'Connor College of Law **LAW**
School of Sustainability **SOS**
W. P. Carey School of Business **B**
Walter Cronkite School of Journalism and Mass Communication **J**

West Campus **W**

College of Human Services **HS**
College of Teacher Education and Leadership **CTEL**
New College of Interdisciplinary Arts and Sciences **NC**
School of Global Management and Leadership **SGML**

A young woman with dark hair, wearing a red shirt, is focused on working on a large-scale architectural model made of cardboard. She is using thin wooden sticks to support the structure. The model is placed on a table, and the background shows a bright, modern interior with large windows and white columns. The text "Architecture, Construction and Design" is overlaid on the right side of the image.

Architecture, Construction and Design

"The Phoenix area is booming right now, so this is a great place to study and practice landscape architecture. It's a great major if you want a challenge and especially if you love architecture, design and the outdoors!"

Camilla Rogers
Junior, landscape architecture



Degree Programs

Architectural Studies, B.S.D. **T/D**
 Architecture, M.Arch. **T/D**
 Building Design, M.S. **T/D**
 Civil and Environmental Engineering, M.S.,
 M.S.E., Ph.D. **T/E**
 Civil Engineering, B.S.E. **T/E**
 Construction Engineering, B.S.E.
 Construction, B.S., M.S. **T/E**
 Concrete Industry Management, B.S.
 General Building Construction, B.S.
 Heavy Construction, B.S.
 Residential Construction, B.S.
 Specialty Construction, B.S.
 Design, M.S.D. **T/D**
 Design Studies, B.A. **T/D**
 Environmental Design and Planning, Ph.D. **T/D**
 Graphic Design, B.S.D. **T/D**
 Graphic Information Technology, B.S. **P/S&T**
 Industrial Design, B.S.D. **T/D**
 Interior Design, B.S.D. **T/D**
 Landscape Architecture, B.S.L.A. **T/D**
 Real Estate Development, M.R.E.D. **T/B-D-E-LAW**

See page 1 for code legend.

Phoenix Urban Research Laboratory

The Phoenix Urban Research Laboratory (PURL) seeks new solutions to the most pressing design problems facing cities today. PURL provides an information-rich environment for students to collaborate with researchers, decision makers and industry professionals. Currently, PURL is using Phoenix as a living laboratory to study the heat island effect on cities, transportation and urban planning.

Were you the type of child who spent hours playing with LEGO sets? Now that you're older, are you mesmerized by the newest technology for buildings and interiors or the latest eye-catching products? If so, then consider a career in architecture, construction or design – fields where you get to see your hard work turn into something lasting.



Designing Your Future

ASU provides you with opportunities to study the fine details of architecture, to specialize in a wide range of construction-related degrees, and to focus on the art of interior design and landscape architecture. If designing and building exteriors and interiors interests you, take a look at ASU's degrees in this area.

Why ASU?

- At ASU, architects, engineers, landscape architects, interior designers, planners and artisans work side-by-side in project teams similar to the way they interact in the workforce.
- ASU prepares you to lead your industry. Case in point: 20% of alumni with a degree in construction are owners, CEOs or executives of their companies.
- Arizona has been a haven for legendary architects, most notably Frank Lloyd Wright and Paolo Soleri. Their work has influenced a unique design palette focused on the desert environment.
- Arizona's vast array of geographic terrains makes it a prime learning environment for a wide variety of landscape architecture designs and techniques.



Arts, Humanities and Culture

"I keenly believe that cultural background has a strong influence on dance development. At ASU, I'm able to analyze and study the history of Chinese classical and folk dances. Ultimately, I hope to immerse myself in different cultural backgrounds to feel their dance cultures and take my artistic impression to new levels."

Ying Yang
Master's student, dance



Degree Programs

African and African American Studies, B.A. **T/CLAS**
 Africa, Caribbean and Afro-Latin America, B.A.
 African America, B.A.
 American Indian Studies, B.S. **T/CLAS**
 American Studies, B.A. **W/NC**
 Anthropology, B.A., M.A., Ph.D. **T/CLAS**
 Art, B.A., B.F.A., M.A., M.F.A., Ph.D. **T/FA**
 Art Education, B.F.A.
 Art History, B.A.
 Art Studies, B.A.
 Ceramics, B.F.A.
 Digital Art, B.A.
 Drawing, B.F.A.
 Fibers, B.F.A.
 Intermedia, B.F.A.
 Metals, B.F.A.
 Museum Studies, B.A.
 Painting, B.F.A.
 Photography, B.F.A.
 Printmaking, B.F.A.
 Sculpture, B.F.A.
 Chicana and Chicano Studies, B.A. **T/CLAS**
 Humanities/Cultural Sciences, B.A.
 Social Sciences/Policy, B.A.
 Dance, B.F.A., M.F.A. **T/FA**
 Dance Education, B.F.A.
 Ethnicity, Race and First Nations Studies, B.A. **W/NC**
 Film, B.A.
 Film and Media Production, B.A. **T/FA**
 Film and Media Studies, B.A. **T/CLAS**
 Global Studies, B.A. **T/CLAS**
 History, B.A., **T/CLAS**, **W/NC**; M.A., Ph.D. **T/CLAS**
 History and Culture, B.A. **P/EC**
 History and Theory of Art, Ph.D. **T/FA**
 Interdisciplinary Arts and Performance, B.A. **W/NC**
 Liberal Studies, B.L.S., M.L.S. **T/CLAS**
 Music, B.A., M.A., D.M.A. **T/FA**
 (Music) Composition, M.M. **T/FA**
 Music Education, B.M., M.M. **T/FA**
 Choral-General, B.M.
 Instrumental, B.M.
 String, B.M.
 (Music) Performance, B.M., M.M. **T/FA**
 Collaborative Piano, B.M.
 Guitar, B.M.
 Jazz, B.M.
 Keyboard, B.M.
 Music Theatre, B.M.
 Orchestral Instrument, B.M.
 Voice, B.M.
 (Music) Theory and Composition, B.M. **T/FA**
 Music Therapy, B.M., M.M. **T/FA**
 Philosophy, B.A., M.A., Ph.D. **T/CLAS**
 Religious Studies, B.A., M.A., Ph.D. **T/CLAS**
 Theatre, B.A., M.A., M.F.A., Ph.D. **T/FA**
 Acting, B.A.
 Design and Production, B.A.
 Theatre, B.A.

See page 1 for code legend.

If you seek to understand the human experience – whether through the performing and visual arts or by the study of humankind and our relationship to others – consider the arts, humanities and culture studies at ASU.

Creating Your Future

ASU offers you, as a young artist or scholar, a vibrant and innovative environment in which to hone your artistic skills in visual art, dance, film, music or theater; pursue the humanities; and immerse yourself in the studies of various cultures.

Why ASU?

- ASU focuses on an interdisciplinary approach to the humanities that studies issues such as human evolution and social change from a broad-based perspective.
- Through more than 300 study abroad and exchange programs, ASU students gain exposure to world cultures while earning university credit.
- Arizona has a rich history as an inspiration for artists. The American Southwest has a deep cultural foundation that makes the celebration of its arts, culture and history inherent in the experience of living and working throughout the state.
- The Arts, Media and Engineering Program combines expertise from a myriad of disciplines to investigate movement on the multiple levels of time, space and energy.
- The Katherine K. Herberger College of Fine Arts fosters the study and development of the arts and promotes collaborative discovery that blends innovation with practical experience.
- ASU's American Indian population has experienced the largest increase among all minority student groups. In response to the growth, ASU expanded campus-based services for all American Indian students.
- Each year, ASU produces more than 1,000 fine arts exhibits and performances, reaching more than a half-million people.

A photograph of a woman with short blonde hair and glasses, wearing a teal jacket, and a man with dark hair wearing a white striped shirt. They are both looking at a globe on a wooden desk. The man is pointing at the globe with a pen. The desk is reflective, showing the reflection of the globe and the people. In the background, there are some books and papers on the desk. The overall lighting is warm and focused on the subjects.

Business, Management and Economics

"As a student from Guatemala, getting my education at ASU has given me a great opportunity to understand other people and their cultures. This is important as I go on to study more about global business and marketing."

Juan D. Monterroso
Senior, global business with
an emphasis on marketing



Degree Programs

Accountancy, B.S. **T/B, W/SGML**
 Accountancy and Information Systems, M.A.I.S. **T/B**
 Agribusiness, B.S., M.S. **P/M&A**
 Agribusiness Management, B.S.
 Finance, B.S.
 Food, Agribusiness and Consumer Products Marketing, B.S.
 Food Science, B.S.
 General Agribusiness, B.S.
 Golf and Facilities Management, B.S.
 International Agribusiness, B.S.
 Professional Golf Management, B.S.
 Applied Science, B.A.S.
 Consumer Products Technology, B.A.S. **P/M&A**
 Food Retail Management, B.A.S. **P/M&A**
 Food Service Management, B.A.S. **P/EC**
 Operations Management, B.A.S. **P/S&T**
 Business Administration, B.S., **P/M&A**;
 MBA, Ph.D. **T/B**
 Computer Information Systems, B.S. **T/B**
 Economics, B.S., M.S., Ph.D. **T/B**; B.S., **T/CLAS**
 Finance, B.S. **T/B**
 Global Business, B.S. **W/SGML**
 Financial Management, B.S.
 Leadership and Management, B.S.
 Marketing, B.S.
 Health Sector Management, M.H.S.M. **T/B**
 Information Management, M.S. **T/B**
 Leadership in International Management, B.S. **W/SGML**
 Management, B.S. **T/B**
 Marketing, B.S. **T/B**
 Nonprofit Leadership and Management, B.S. **DP/PP**
 Operations Management Technology, B.S. **P/S&T**
 Real Estate, B.S. **P/M&A**
 Supply Chain Management, B.S. **T/B**
 Taxation, M.Tax. **T/B**
 Tourism Development and Management, B.S. **DP/PP**

See page 1 for code legend.

Do you wonder how businesses operate? Have you always been attracted to leadership positions? If you get a thrill from making a deal, enjoy making numbers “work,” and like to be in charge, a business degree may just be the fit for you.



Managing Your Future

At ASU, you can focus on traditional majors such as accounting or finance, study international business or even pursue golf course management. Explore our business, management and economics degree programs and see what intrigues you.

Why ASU?

- Phoenix is the fifth largest city in the country and boasts corporate headquarters for four Fortune 500 companies – US Airways, Phelps

Dodge, Avnet and Allied Waste. This equates to excellent local job prospects.

- ASU is a leading research university and this extends across all disciplines. Students are involved in benchmarking industry practices and identifying emerging business issues through the university's innovative research centers.
- ASU faculty members and students are part of an international community of scholars representing more than 120 different countries. These cultures enrich the university, providing a unique perspective to the growing global marketplace.
- ASU boasts a spirit of academic enterprise, which serves as an inspiration to budding entrepreneurs. As an example, industry giant Google, Inc., recently announced it will be opening a Phoenix hub at ASU.

Engage in Business at All Campuses

Whatever your business aspirations, you'll find the perfect business program at ASU. The nationally ranked W. P. Carey School of Business at the Tempe campus offers you a comprehensive range of subjects at world-class levels, with five departments ranked in the top 20 in the U.S. The School of Global Management and Leadership at the West campus provides programs infused with a global perspective, bringing you an international view on management and leadership strategies. The Morrison School of Management and Agribusiness and the College of Science and Technology at the Polytechnic campus provide a solid business and operations management foundation. The College of Public Programs at the Downtown Phoenix campus brings students unique opportunities in international, non-profit and tourism management.



Communication and Languages

"They say 'Chinese is the language of business.' I'm looking forward to graduating with degrees in Chinese and supply chain management and to participating in the cooperative efforts underway between the United States and China. The sky's the limit!"

Billy Valencia
Senior, supply chain
management and Chinese



Degree Programs

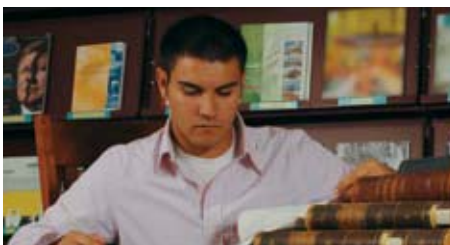
Asian Languages, B.A. **T/CLAS**
 Chinese, B.A.
 Japanese, B.A.
 Asian Languages and Civilizations –
 Chinese/Japanese, M.A. **T/CLAS**
 Audiology, Au.D. **T/CLAS**
 Communication, B.A., B.S., M.A., Ph.D. **T/CLAS**
 Communication Disorders, M.S. **T/CLAS**
 Communication Studies, B.A., B.S., M.A. **W/HS**
 Creative Writing, M.F.A. **T/CLAS**
 English, B.A. **T/CLAS, W/NC**; M.A., Ph.D. **T/CLAS**
 Creative Writing, B.A. **T/CLAS**
 Linguistics, B.A. **T/CLAS**
 Literature, B.A. **T/CLAS**
 French, B.A., M.A. **T/CLAS**
 German, B.A., M.A. **T/CLAS**
 Italian, B.A. **T/CLAS**
 Journalism and Mass Communication, B.A. **T/J**
 Broadcast Journalism, B.A.
 Print/Online Journalism, B.A.
 Public Relations, B.A.
 Mass Communication, M.M.C. **T/J**
 Multimedia Writing and Technical
 Communication, B.A.S., B.S. **P/EC**
 Nutrition, B.S., M.S. **P/EC**
 Nutrition Communication, B.S.
 Russian, B.A. **T/CLAS**
 Spanish, B.A., M.A., Ph.D. **T/CLAS**; B.A. **W/NC**

See page 1 for code legend.

A Program for Every Communication Style

The Tempe campus is home to the Hugh Downs School of Human Communication that focuses on message-related human behavior to improve communication. The School has four specialty areas besides rhetoric and public communication: intercultural, interpersonal, organizational and performance studies. At the West campus through the College of Human Services, you can focus on an interdisciplinary approach to the study of communication. You'll be introduced to a variety of methods and contexts for studying communication with an emphasis on media and cultural studies, processes of public influence and communication in personal relationships and social organizations.

Do you enjoy writing? Have an ear for foreign languages? If communication comes easily to you and you have a knack for getting your point across, you may want to consider studying communication and languages.



Writing Your Future

In today's global multimedia environment, strong communication skills are more important than ever. ASU offers degrees in a number of different languages as well as a focus on communication and writing programs.

Why ASU?

- ASU is affiliated with communication industry giants such as Walter Cronkite and Hugh Downs. Their commitment to integrity and quality reaches into every facet of communication-related studies.
- As a media market, Phoenix garners top 15 honors in two categories: a 14 Nielsen ranking for television and a 12th largest circulation in the nation for *The Arizona Republic*. This makes Phoenix one of the major markets for careers in mass media.
- Gain experience by working at *The State Press*, the Web Devil, KASC The Blaze 1260 AM, Sun Devil TV and Eight, Arizona's PBS station.



Community Planning, Policy and Services

"Growing up, we lived in a number of different places. I was always interested in how cities had different street layouts and about transportation in general. When I came to ASU, I was surprised to learn that I could actually major in something like this and that I could someday make a career out of being a transportation planner."

Lawrence Ross
Junior, urban planning



Degree Programs

Applied Science, B.A.S. P/S&T

Emergency Management, B.A.S.

Fire Service Management, B.A.S.

Municipal Operations Management, B.A.S.

Applied Biological Sciences, B.S. P/S&T

Applied Biological Sciences, B.S.

Urban Horticulture, B.S.

Environmental Technology Management, B.S., P/S&T

Geography, B.A., B.S., M.A., Ph.D. T/CLAS

Housing and Urban Development, B.S.D. T/D

Public Administration, M.P.A., Ph.D. DP/PP

Public Health, M.P.H. DP/N

Public Policy, M.P.P. DP/PP

Recreation, M.S. DP/PP

Recreation Management, B.S. DP/PP

Recreation and Tourism Management, B.S. W/HS

Sustainability, B.A., B.S., M.A., M.S., Ph.D. T/SOS

Urban and Environmental Planning, M.U.E.P. T/D

Urban and Metropolitan Studies, B.A., B.S. DP/PP

Urban Planning, B.S.P. T/D

See page 1 for code legend.

Recreational Possibilities

If you're interested in pursuing a career in recreation, you can take courses through the College of Public Programs at the Downtown Phoenix campus or through the College of Human Services at the West campus. Although both provide the foundation for success in this emerging field, you'll find slight differences in each. In the College of Public Program at the Downtown Phoenix campus, students study resource-related issues including service delivery, philanthropy, natural and cultural resources, human behavior and public policy. The West campus program takes a broad, multidisciplinary approach that may lead not only to a degree, but to a certificate as a Certified Parks and Recreation Professional.

Do you have lots of ideas on how to make your community better?
You may have a future career doing just that.



Planning Your Future

ASU provides a number of degree programs that lead toward roles in public management. From emergency management to environmental technology, students have the opportunity to explore the many facets of public service.

Why ASU?

- Tourism and recreation are two of Arizona's biggest industries. The job opportunities for graduates with these degrees are diverse, attractive and plentiful.

- ASU embraces sustainability in all of its functioning and programming. Not only is the university becoming globally known as a place to learn about sustainability, it is also increasingly recognized as *the* place to practice sustainability – a must for anyone interested in community planning and related issues.
- The public programs focus combines public affairs, social work and community resources and development. Students are involved in use-inspired research about the most urgent social issues facing local, regional and national governments.
- Since much of Arizona's terrain is desert, it has become increasingly important to have professionals who understand the judicious use of natural resources. ASU's focus on environmental planning and sustainability provides a solid background in terms of knowledge and first-hand experience.

Computers and Mathematics

The whiteboard contains the following content:

$$P_{ij}(t) = \int_0^{\infty} e^{-\lambda t} Q_i(\lambda) Q_j(\lambda) d\lambda$$

Below this, there are several lines of text and equations, some with red annotations:

$b(n) = \lambda$

$d(n) = \mu = 0$

$-Q_n = -\lambda Q_n + \lambda Q_{n+1}$

There are also some diagrams and smaller equations, including $P_{ij}(t) = \dots$ and $D^2P = C \cdot 0$.

"There is a high demand now for the use of mathematics to understand complex disease systems. This opens a new window for people who have strong social concerns to do math."

Carlos Castillo-Chavez
ASU Regents' Professor



Are friends and family members always asking you to fix their computers? Do people describe you as analytical? Computers and mathematics may offer you the perfect fields of study.



Calculating Your Future

ASU is responding to society's increased focus on computer and mathematical skills. Several degree paths are available including the study of mathematics and statistics, a combination of computer and math through computational mathematics, and newer focus areas such as digital publishing and embedded systems technology.

Why ASU?

- Mathematics in all its forms plays a fundamental role in the advancement of technology. ASU is responding to this need by taking a leadership role in research related to mathematics and the role it plays in today's society.
- Students gain hands-on experience with modern frameworks, databases and Web-based technologies.
- ASU is a major research university. Opportunities exist at ASU in the areas of embedded systems, information assurance, intelligent information integration, bioinformatics, spatial modeling and enterprise computing – some of the leading technologies in the industry.
- With high tech and biotechnology as emerging industries in the Phoenix area, demand for graduates with expertise in mathematics and statistics is increasing.

Degree Programs

Applied Computer Science, B.S. P/S&T

Applied Computing, B.S. W/NC

Database Systems, B.S.

Digital Media and Graphic Design, B.S.

Network and Distributed Processing, B.S.

Applied Science, B.A.S. P/S&T

Computer Systems Administration, B.A.S.

Cyber Security, B.A.S.

Digital Media Management, B.A.S.

Digital Publishing, B.A.S.

Internet and Web Development, B.A.S.

Microcomputer Systems, B.A.S.

Computational Biosciences, P.S.M. T/CLAS

Computational Mathematical Sciences, B.S. T/CLAS

Computer Information Systems, B.S. T/B

Computer Systems, B.S., M.S.T. P/S&T

Computer Hardware, B.S.

Embedded Systems, B.S.

Computer Science, B.S., M.C.S., M.S., Ph.D. T/E

Software Engineering, B.S.

Computer Systems Engineering, B.S.E. T/E

Computing Studies, M.C.St. P/S&T

Geographic Information Systems, M.A.S. T/CLAS

Graphic Information Technology, B.S. P/S&T

Mathematics, B.A., B.S., M.A., Ph.D. T/CLAS

Statistics, B.S.

Statistics, M.S. T/B-CLAS-E

See page 1 for code legend.

Preparing Better Teachers

If you're thinking about someday teaching math or science, you may learn the latest teaching methods at ASU. Thanks to a National Science Foundation grant, some of ASU's brightest young math majors are participating in CRESMET, the Center for Research on Education in Science, Mathematics, Engineering and Technology. This interdisciplinary community of researchers is producing knowledge that will lead to new and more effective ways of teaching these subjects at the high school level.

A Black woman with short dark hair, smiling warmly at the camera. She is wearing a dark brown short-sleeved top, a thin silver necklace, and large hoop earrings. She is holding several orange folders or papers against her chest with both hands. She is wearing a ring on her left hand and a bracelet on her right wrist. The background is a blurred school hallway with other people walking.

Education

"As an educator, I've found a passion for leadership and for helping students achieve academic success. ASU has been a big part of my life since the time I was a student athlete getting my undergraduate degree. I've been fortunate to be able to continue my education through my doctoral program at ASU. I'm excited about the knowledge I'm gaining and about sharing it with teachers, parents and students."

Anna Battle
Principal, Tempe Union High School District
Doctoral student, educational leadership
and policy studies



Degree Programs

Curriculum and Instruction, M.Ed., Ph.D. **P/EC**;
M.A., M.Ed., Ed.D., Ph.D. **T/ED**
Early Childhood Education, B.A.E. **P/EC, T/ED**
Early Childhood Teaching and Leadership,
B.A.E. **W/CTEL**
Educational Administration and Supervision,
M.Ed. **T/ED, W/CTEL**; Ed.D., Ph.D. **T/ED**
Educational Leadership and Policy Studies, Ph.D. **T/ED**
Educational Psychology, M.A., M.Ed., Ph.D. **T/ED**
Educational Technology, M.Ed., Ph.D. **T/ED**
Elementary Education, B.A.E. **P/EC, T/ED**; B.A.E.,
M.Ed. **W/CTEL**
Bilingual Education/ESL, B.A.E. **W/CTEL**
Indigenous Teacher Preparation, B.A.E. **T/ED**
Multilingual/Multicultural Education, B.A.E. **T/ED**
Higher and Postsecondary Education,
M.Ed., Ed.D. **T/ED**
Leadership and Innovation, Ed.D. **W/CTEL**
Leadership in Policy and Administration, Ed.D.
W/CTEL
Physical Education, M.P.E.
Secondary Education, B.A.E. **P/EC, T/ED**; B.A.E.,
M.Ed. **W/CTEL**
Applied Biological Sciences, B.S. **P/S&T**
Biological Sciences, B.A.E. **T/ED**
Business, B.A.E. **T/ED**
Chemistry, B.A.E. **T/ED**
Earth and Space Sciences, B.A.E. **T/ED**
Economics, B.A.E. **T/ED**
English, B.A.E. **T/ED, W/CTEL**
French, B.A.E. **T/ED**
Geography, B.A.E. **T/ED**
German, B.A.E. **T/ED**
History, B.A.E. **T/ED, W/CTEL**
Japanese, B.A.E. **T/ED**
Mathematics, B.A.E. **T/ED, W/CTEL**
Physical Education, B.A.E. **P/EC**
Physics, B.A.E. **T/ED**
Political Science, B.A.E. **T/ED**
Social Studies, B.A.E. **T/ED, W/CTEL**
Spanish, B.A.E. **T/ED**
Social and Philosophical Foundations of
Education, M.A. **T/ED**
Special Education, B.A.E., M.Ed. **P/EC**; B.A.E., M.A.,
M.Ed. **T/ED**; B.A.E., M.Ed. **W/CTEL**
Teaching English as a Second Language, M.TESL
T/CLAS

See page 1 for code legend.

Multiple Campuses Offer Education

At the Tempe campus you'll benefit from a program that combines a comprehensive mix of academics, including best-practice techniques, on-site classroom training and programs that reflect the needs and interests of students at area schools. When you study at the Polytechnic campus, you will focus on teaching with technology and learn through extensive field experience. And, at the West campus, you'll incorporate action-oriented research, integrate technology with instruction and gain the skills to meet the culturally and linguistically diverse needs of students in K-12 classrooms.

Most people recall their favorite teacher. Perhaps you could be that for someone. If you have a passion for teaching and a desire to influence others, education may be the path for you.



Exploring Your Future

ASU provides a diverse complement of degree opportunities spanning all educational levels. In addition, you can choose specialties such as bilingual, special or early childhood education.

Why ASU?

- Education is the very foundation of ASU. The university was founded as a teacher's college back in 1885 and presented the Southwest's first teaching degrees just a few years later.
- ASU prepares educators to work in school settings from pre-kindergarten through higher education and creates an environment conducive to the research that influences learning and professional practice.
- ASU offers a Beginning Educator Support Team (BEST) to provide mentors and professional development for beginning teachers.
- Since 2000 in Arizona, nearly 200 elementary or high schools have been opened or are in development.
- Arizona schools are focused on raising standards and expecting greater achievement. The opportunities for gifted teachers to make a difference in Arizona's educational system abound.



Engineering and Technology

"I have had the opportunity to perform cutting-edge research here."

Christina Hobson
Senior, bioengineering
ASU Edson Entrepreneur



Degree Programs

Aeronautical Management Technology, B.S. P/S&T
 Air Transportation Management, B.S.
 Professional Flight, B.S.
Aerospace Engineering, B.S.E., M.S., M.S.E., Ph.D. T/E
Air Traffic Management, B.S. P/S&T
Applied Science, B.A.S., B.S. P/S&T
 Aviation Maintenance Management, B.A.S.
 Aviation Management Technology, B.A.S.
 Cyber Security, B.A.S.
 Instrumentation, B.A.S.
 Internet and Web Development, B.A.S.
 Manufacturing Technology and Management, B.A.S.
 Materials Joining and Manufacturing Technology, B.A.S.
 Semiconductor Technology, B.A.S.
 Software Technology Applications, B.A.S.
 Technical Graphics, B.A.S.
Bioengineering, B.S.E., M.S., Ph.D. T/E
Biotechnology and Genomics, L.L.M. T/LAW
Chemical Engineering, B.S.E., M.S., M.S.E., Ph.D. T/E
Civil Engineering, B.S.E. T/E
 Construction Engineering, B.S.E.
 Environmental Engineering, B.S.E.
 Civil and Environmental Engineering, M.S., M.S.E., Ph.D. T/E
Computer Systems Engineering, B.S.E. T/E
Electrical Engineering, B.S.E., M.S., M.S.E., Ph.D. T/E
Electronics Engineering Technology, B.S. P/S&T
 Electronic Systems, B.S.
 Integrated Electronic Systems, B.S.
 Telecommunications, B.S.
Engineering, B.S.E. P/S&T; M.Eng. T/E
Engineering Science, M.S., M.S.E., Ph.D. T/E
Engineering Special Studies, B.S.E. T/E
 Pre-medical Engineering, B.S.E.
Geographic Information Systems, M.A.S. T/CLAS
Industrial Engineering, B.S.E., M.S., M.S.E., Ph.D. T/E
Manufacturing Engineering Technology, B.S. P/S&T
 Manufacturing, B.S.
 Mechanical, B.S.
Materials Engineering, M.S., M.S.E. T/E
Materials Science, M.S. T/E
Materials Science and Engineering, B.S.E. T/E
Mechanical Engineering, B.S.E., M.S., M.S.E., Ph.D. T/E
Mechanical Engineering Technology, B.S. P/S&T
 Aeronautical, B.S.
 Automation, B.S.
 Automotive, B.S.
 Mechanical, B.S.
Science and Engineering of Materials, Ph.D. T/E
Technology, M.S.Tech. P/S&T

See page 1 for code legend.

Endless Possibilities

At the Tempe campus, explore traditional engineering disciplines and combine engineering and technology in new ways to help detect diseases or create new communication systems. At the Polytechnic campus, explore practical applications combining your interests in a multi-disciplinary, hands-on, project-based environment.

Do you have a natural curiosity about how things work? Are you a “gadget person” – always keeping up with the latest technology? If so, you may be headed toward the ever-growing fields of engineering and technology.



Engineering Your Future

ASU's programs focus on applying the very latest technology to solve the issues of tomorrow. Degrees are available in every facet of engineering and technology, including some of the very latest disciplines such as materials science and biotechnology.

Why ASU?

- ASU alumni are working in nearly every country in the world, implementing sustainable growth initiatives and practical engineering and technology solutions for virtually every kind of challenge.

- When it comes to engineering and technology, ASU's focus is on producing a creative, highly educated workforce ready to provide technical knowledge and an improved quality of life for all communities.
- Following the National Academy of Engineering's “Engineer of 2020” profile, ASU is committed to graduating business-savvy engineers with strong analytical skills.
- One of the core agenda items for the state of Arizona is the integration of engineering into biotechnology, nanotechnology and information technology initiatives, translating to great opportunities for engineers.

A female student with dark hair, wearing a white lab coat and purple gloves, is focused on using a blue and white pipette to transfer liquid into a small vial. She is standing at a lab bench. In the foreground, there are several white plastic bottles of various sizes. To her left, a large piece of laboratory equipment, possibly a centrifuge, is visible. The background shows a typical laboratory environment with shelves and other equipment.

Health, Life and Natural Sciences

"I've been taking engineering summer programs since I was in junior high. So, ASU and engineering have been a big part of my life for quite a while. I've decided to pursue bioengineering and have been so fortunate to get to do lab work at the Biodesign Institute. It's truly amazing to see the ideas flowing in this environment and to witness first-hand how you can combine your interests and goals and create something new."

Bee-Lian Quah
Junior, bioengineering



Are you inquisitive? Do you like to investigate, research and experiment to answer scientific questions? If so, explore a major in health, life or natural science.



Examining Your Future

It may be that science has always interested you. Or, you may have a compassionate nature and a desire to care for others. At ASU, there are opportunities for you to explore fields in health, life and natural sciences.

Why ASU?

- Nursing combines a scientific mind, technological know-how, a compassionate heart and healing hands. ASU's nursing program includes practice-relevant research, participation in creative activity

and outstanding public service. ASU is transforming health care by emphasizing evidence-based practice aimed at improving health care, patient outcomes and systems.

- Students have the opportunity to participate in ground-breaking research working with some of ASU's most innovative resources, including the Biodesign Institute, the Center for Metabolic Biology, the Consortium for Science, Policy and Outcomes in Society and the Global Institute for Sustainability. ASU's Biodesign Institute represents research at the forefront of fields combining biology, engineering and computing.
- Arizona's emerging biotechnology and bioscience industries are showing vitality and growth. The number of Arizona bioscience companies is growing, grant funding is increasing and employment is on the rise, signaling good news for students graduating with degrees in the sciences.

Degree Programs

Agribusiness, B.S., M.S. **P/M&A**
 Pre-veterinary Medicine, B.S.
 Applied Biological Sciences, B.S., M.S. **P/S&T**
 Applied Biological Sciences, B.S.
 Urban Horticulture, B.S.
 Wildlife and Restoration Ecology, B.S.
 Applied Science, B.A.S. **W/NC**
 Astrophysics, M.S., Ph.D. **T/CLAS**
 Biochemistry, B.A., B.S., M.S., Ph.D. **T/CLAS**
 Medicinal Chemistry, B.S.
 Bioengineering, B.S.E., M.S., Ph.D. **T/E**
 Biomedical Informatics, M.S. **T/E**
 Biology, B.S., M.S., Ph.D. **T/CLAS**
 Biology and Society, B.S.
 Chemistry, B.A., B.S., M.S., Ph.D. **T/CLAS**
 Environmental Chemistry, B.S.
 Clinical Laboratory Sciences, B.S. **T/CLAS**
 Conservation Biology, B.S. **T/CLAS**
 Earth and Space Exploration, B.S. **T/CLAS**
 Engineering Special Studies, B.S.E. **T/E**
 Pre-medical Engineering, B.S.E.
 Exercise and Wellness, B.S., M.S. **P/EC**
 Exercise and Wellness, B.S.
 Health Promotion, B.S.
 Wellness, B.A.S.
 Geography, B.A., B.S., M.A., Ph.D. **T/CLAS**
 Meteorology-Climatology, B.S.
 Urban Studies, B.S.
 Geological Sciences, B.S., M.S., Ph.D. **T/CLAS**
 Health Sector Management, M.H.S.M. **T/B**
 Healthcare Innovation, M.H.I. **DP/N**
 Human Health Studies, B.S., B.A. **P/EC**
 Kinesiology, B.S., M.S., Ph.D. **T/CLAS**
 Kinesiology, B.S.
 Human Physiology, B.S.
 Life Sciences, B.S. **W/NC**
 Microbiology, B.S., M.S., Ph.D. **T/CLAS**
 Molecular and Cellular Biology, M.S., Ph.D. **T/CLAS**
 Molecular Biosciences/Biotechnology, B.S. **T/CLAS**
 Natural Science, M.N.S. **T/CLAS**
 Nursing, B.S.N., M.S., D.N.S. **DP/N**
 Nutrition, B.S., M.S. **P/EC**
 Dietetics, B.S.
 Food and Nutrition Management, B.S.
 Human Nutrition, B.S.
 Nutrition Communication, B.S.
 Physical Activity, Nutrition and Wellness, Ph.D. **P/EC**
 Physical Education, B.A.E., M.P.E. **P/EC**
 Physics, B.S., M.S., Ph.D. **T/CLAS**
 Plant Biology, B.S., M.S., Ph.D. **T/CLAS**
 Environmental Science and Ecology, B.S.
 Plant Biochemistry and Molecular Biology, B.S.
 Speech and Hearing Science, B.S., Ph.D. **T/CLAS**

See page 1 for code legend.

Pre-Health Program

If you are planning a career in health care, you'll want to take advantage of ASU's Pre-Health Professions program for academic advisement and assistance with the application process to professional school as well as information about practical internships that will help you prepare for your dream career in health care.

Interdisciplinary Studies

"The amazing thing about the interdisciplinary program is that it allows you to use various skills in more than one area of concentration. For my internship, I used my architecture skills to create an exhibition for the Scottsdale Museum of Contemporary Art. At the same time, I gained experience in tourism, marketing and public relations. Once I graduate, I'll have a number of directions I can go career-wise."

Danny Luna
Senior, interdisciplinary studies with an emphasis on architecture and tourism



Degree Programs

Integrative Studies, B.A. **W/NC**
Integrated Studies, B.A., B.S. **T/CLAS**
Interdisciplinary Studies, B.I.S. **DP/UC, P/UC, T/UC, W/UC**

The academic home of Interdisciplinary Studies is ASU's University College, located on the Downtown Phoenix campus; however, students majoring in Interdisciplinary Studies have options across all of ASU's campuses.

See page 1 for code legend.

Are you ready to meet the world's challenges in a new way? You may want to consider an interdisciplinary degree. Given the impact of globalization and the increasing complexity of issues in the workplace and society, interdisciplinary programs have become more popular throughout the nation.

ASU is poised for the future by crossing traditional academic boundaries and creating degree programs that provide a well-rounded education and perspective on a wide variety of issues. You can put degree programs together in a number of different ways depending on your ultimate career goals.

Possibilities: Interdisciplinary, Integrative, Integrated!

- The interdisciplinary studies program is a university-wide degree program that enables you to create interdisciplinary specialties that prepare you for careers in a world that increasingly bridges academic disciplines. You select two concentrations that represent academic interests you wish to integrate into a meaningful program. A four-course core offers you intellectual tools to identify connections between your concentrations and engage in interdisciplinary problem solving.
- Integrative studies enables students to design individualized programs of study in the liberal arts, develop critical thinking skills and synthesize problem-solving strategies for life in the 21st century. It is an ideal degree for individuals who plan to work in business, cultural, educational, community and human service settings.
- An integrated studies major provides students of outstanding ability in the humanities, natural sciences, mathematics, and social and behavioral sciences opportunities to pursue courses of study that cut across departmental boundaries and focus on specific topics or problem areas.

Law and Justice

"ASU is well-respected nationally in criminal justice, yet the program is still small enough that you have great opportunities to jump right in and get involved. I've seen first-hand some of the problems with the justice system and feel a duty to shape the future in this area."

Lauren Croft
Master's student, criminal justice

Degree Programs

Applied Science, B.A.S. **P/S&T**
Law Enforcement Management, B.A.S.
Biotechnology and Genomics, L.L.M. **T/LAW**
Criminal Justice, M.A. **W/HS**
Criminal Justice and Criminology, B.S. **W/HS**
Justice Studies, B.S., M.S., Ph.D. **T/CLAS**
Law, J.D. **T/LAW**
Legal Studies, M.L.S. **T/LAW**
Tribal Policy, Law and Government, L.L.M. **T/LAW**
See page 1 for code legend.

The Pre-Law Program

If you are dreaming about law school, you'll want to work with a pre-law advisor who can provide you with the most up-to-date information about resources, opportunities, activities, events and associations. You'll also want to take advantage of ASU's annual Law School Fair/Pre-Law Day, Sandra Day O'Connor College of Law Information Sessions and Phi Alpha Delta, ASU's pre-law fraternity.

Do you have a clear sense of right and wrong? Are you good at thinking on your feet and expressing yourself? A career in law or justice may be right for you.

Leading Your Future

ASU prepares students for careers in justice and criminology and provides opportunities to receive traditional and innovative law degrees.

Why ASU?

- ASU offers several innovative programs including the country's first interdisciplinary Center for the Study of Law, Science and Technology. Working with a faculty editor, students publish *Jurimetrics*, the American Bar Association's official journal of law and science.
- ASU's Indian Legal Program features three of the country's leading Indian law scholars and a link to Arizona's 21 tribal nations.
- The criminal justice and criminology program provides an interdisciplinary social science perspective to the study of justice, as well as a focused study of crime, law and the criminal justice system.
- ASU has named its College of Law after retired Supreme Court Justice Sandra Day O'Connor, making it the nation's first law school named after a contemporary woman. O'Connor served as the first female Associate Justice of the Supreme Court of the United States from 1981 to 2006. She has been cited by *Forbes* magazine as the fourth most powerful woman in the United States and the sixth most powerful in the world.



Social and Behavioral Sciences

"At ASU, I've been able to direct my clinical work toward health issues, looking at the ways a person's health affects his or her psyche. I've been lucky that ASU is so supportive of integrative programs that allow students to pull from a wide array of specialties. Not only does this advance our own knowledge, it creates well-rounded professionals who have an understanding of issues beyond their given program of study."

Jessica Tartaro
Doctoral student, clinical psychology



Degree Programs

Applied Psychology, B.S., M.S. **P/EC**
 Counseling, M.C. **T/ED**
 Counseling Psychology, Ph.D. **T/ED**
 Counselor Education, M.Ed. **T/ED**
 Family and Human Development, B.S., M.S. **T/CLAS**
 Family Studies/Child Development, B.S.
 Family Science, Ph.D. **T/CLAS**
 Political Science, B.A., B.S., M.A., Ph.D. **T/CLAS**;
 B.A., B.S., B.A.S. **W/NC**
 Psychology, B.A., B.S. **T/CLAS, W/NC**; Ph.D. **T/CLAS**
 Social and Behavioral Sciences, B.A., B.S. **W/NC**
 Social Work, B.S.W., M.S.W. **DP/PP, W/HS**;
 Ph.D. **DP/PP**
 Sociology, B.A., M.A., Ph.D. **T/CLAS**; B.A., B.S., **W/NC**
 Women and Gender Studies, B.A. **T/CLAS**
 Women's Studies, B.A., B.S. **W/NC**

See page 1 for code legend.

"Jump-Starting" a Career in Social Work

One bonus of studying social work at ASU is enhanced marketability by a "jump-start" in the master of social work program. This Advanced Standing Program allows you to obtain your master's degree in half the time it would typically take. This saves you time and helps meet the state's need for master's level social workers.

Do you love to take personality tests? Are you fascinated by the way people relate in groups – in families, politics and society? You may find yourself immersed in the study of the social and behavioral sciences.



Relating to Your Future

ASU provides opportunities to study human behavior and social groups from a variety of perspectives.

Why ASU?

- ASU's focus on social complexity and family dynamics provides great opportunities for students to study issues across the lines of academic disciplines and prepare to solve the issues of tomorrow.
- Study the social and behavioral sciences with a strong focus on cross-cultural, national and global perspectives.
- A unique partnership between ASU and the Arizona Department of Economic Security (DES) has resulted in a Tucson, Arizona, component of social work studies including tuition scholarships for students who agree to work in rural Arizona Child Protective Services positions upon graduation.
- Learn how people and technology interact in complex environments through applied psychology.
- ASU offers specialization in behavioral neuroscience and clinical, cognitive, developmental, social and quantitative psychology. Students are involved with a number of centers, institutes and research groups that study issues of local and national significance.



The ASU Honors Experience

Study Abroad

Barrett Honors College at ASU provides many opportunities for students to enhance their educational experience by studying abroad. Students who have studied abroad recount it as their most meaningful and important educational experience. Barrett students travel and study together and with faculty members to London, Dublin, Edinburgh, Paris, Normandy, the Loire Valley and Latin America.

Students across all of ASU's campuses may apply to the Barrett Honors College.

If you're up for an even greater academic challenge, Barrett, the Honors College at Arizona State University, gives you an opportunity to complement your degree program while expanding your personal, academic and career goals.

Honoring Your Future

- The college has been named one of "America's 100 Best" by the editors of *Reader's Digest* in its May 2005 issue. The article lists the Barrett Honors College as one of three honors colleges that offer "an Ivy League-style education minus the sticker shock."
- One of the most rewarding experiences will be your creative project or honors thesis. This gives you the opportunity to cap off your bachelor's program by producing an original piece of research, an experiment or a work of art.
- As of 2005, ASU had 69 Fulbright grants, a success rate almost double the national average; 29 Goldwater Scholars, recognizing outstanding undergraduate achievement in the sciences and engineering; and 13 Truman Scholars, rewarding public service and academic achievement.
- Since 1991, the awarding of 12 Marshall Scholarships for postgraduate study in the United Kingdom is one of the best records among public universities in the nation. Three students have been awarded Rhodes Scholarships since 1995.

Exploring Your Options

Explore Online

You can explore further online by interest area, campus, ASU school/college or keyword. www.asu.edu/majormenu

ASU encourages you to select a major when you apply, but you can begin earning credits toward your ASU graduation while enrolled in an exploratory program.

Do you have many interests and wish to consider your options while enrolled at ASU? You'll want to choose an exploratory program.

Exploring Your Options Through ASU's University College

If you're still in "discovery mode" and taking a look at all that your future may have to offer, you may want to explore ASU's University College.

Through individualized professional advising and teaching practices, University College advisors help you explore the majors across the university. The academic advisors in University College promote your development and success by helping you identify, clarify and achieve your academic and career goals.

No matter what your interest – or how many possibilities you may be juggling – University College helps you explore diverse ideas while building a foundation for academic growth.

Exploratory students enroll in University College and may study on any of ASU's campuses.



Undergraduate Admissions
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