

# ASU Graduate Degrees

Graduate degrees, majors, and concentrations offered by the Downtown Phoenix, Polytechnic, Tempe, and West campuses and through the School of Extended Education are shown in the “ASU Graduate Degrees” table, on this page, organized by the name of the major. The table, which points to the primary page where more information can be found, includes only officially approved concentrations; other informal areas of study may be available. See also the “Concurrent and Dual Degrees” table, page 20, and, the “Accelerated Bachelor’s and Master’s Programs” table, page 20. ASU offers these graduate degrees, abbreviated in the table below and elsewhere in the catalog:

Master of Accountancy and Information Systems (MAIS)  
 Master of Advanced Study (MAS)  
 Master of Architecture (MArch)  
 Master of Arts (MA)  
 Master of Business Administration (MBA)  
 Master of Computer Science (MCS)  
 Master of Computing Studies (MCST)  
 Master of Counseling (MC)  
 Master of Education (MED)  
 Master of Engineering (MEng)  
 Master of Fine Arts (MFA)  
 Master of Healthcare Innovation (MHI)  
 Master of Health Sector Management (MHSM)

Master of Laws (LLM)  
 Master of Legal Studies (MLS)  
 Master of Liberal Studies (MLSt)  
 Master of Mass Communication (MMC)  
 Master of Music (MM)  
 Master of Natural Science (MNS)  
 Master of Physical Education (MPE)  
 Master of Public Administration (MPA)  
 Master of Public Policy (MPP)  
 Master of Science (MS)  
 Master of Science in Design (MSD)  
 Master of Science in Engineering (MSE)  
 Master of Science in Technology (MSTech)  
 Master of Social Work (MSW)  
 Master of Taxation (MTax)  
 Master of Teaching English as a Second Language (MTESL)  
 Master of Urban and Environmental Planning (MUEP)  
 Professional Science Master’s (PSM)  
 Doctor of Audiology (AuD)  
 Doctor of Education (EdD)  
 Doctor of Musical Arts (DMA)  
 Doctor of Nursing Science (DNS)  
 Doctor of Philosophy (PhD)  
 Juris Doctor (JD)

## ASU Graduate Degrees

Major	Degree	Concentration <sup>1</sup>	Campus	Page
Accountancy and Information Systems	MAIS	—	Tempe	174
Aerospace Engineering	MS, MSE, PhD	—	Tempe	272
Agribusiness	MS	Optional: agribusiness management and marketing or food quality assurance <sup>1</sup>	Polytechnic	132
Anthropology	MA	Archaeology, bioarchaeology, linguistics, museum studies, physical anthropology, or social-cultural anthropology	Tempe	356
	PhD	Archaeology, physical anthropology, or social-cultural anthropology	Tempe	356
Applied Biological Sciences	MS	GIS/remote sensing, natural resource management, or range ecology	Polytechnic	137
Applied Psychology	MS	—	Polytechnic	139
Architecture	MArch	—	Tempe	193

<sup>1</sup> If a major offers concentrations, one must be selected unless noted as *optional*.

<sup>2</sup> This program is also offered through the School of Extended Education.

<sup>3</sup> Applications are not being accepted at this time.

<sup>4</sup> This major is jointly offered with the University of Arizona.

<sup>5</sup> This degree may be pursued only in conjunction with the doctoral degree in the same unit, which admits students to only the doctoral degree program.

## ASU Graduate Degrees (continued)

Major	Degree	Concentration <sup>1</sup>	Campus	Page
Art	MA	Art education or art history	Tempe	279
	MFA	Ceramics, digital technology, drawing, fibers, intermedia, metals, painting, photography, printmaking, sculpture, or wood	Tempe	280
Asian Languages and Civilizations—Chinese/Japanese	MA	—	Tempe	366
Astrophysics	MS, PhD	—	Tempe	333
Audiology	AuD	—	Tempe	410
Bioengineering	MS, PhD	—	Tempe	241
Biology	MS, PhD	Optional: biology and society; ecology; or photosynthesis <sup>1</sup>	Tempe	373
Biotechnology and Genomics	LLM	—	Tempe	307
Building Design	MS	Design knowledge and computing, energy performance and climate-responsive architecture, or facilities development and management	Tempe	196
Business Administration	MBA	—	Tempe <sup>2</sup>	177
	PhD	Accountancy, agribusiness, computer information systems, finance, health services research, <sup>3</sup> management, marketing, or supply chain management	West	425
			Tempe	177
		Agribusiness	Polytechnic	133
Chemical Engineering	MS, MSE, PhD	—	Tempe	247
Chemistry	MS, PhD	Analytical chemistry, biochemistry, geochemistry, inorganic chemistry, organic chemistry, physical chemistry, or solid-state chemistry	Tempe	324
Civil and Environmental Engineering	MS, MSE, PhD	—	Tempe	251
Communication	MA	—	Tempe	326
	PhD	Communicative development, intercultural communication, or organizational communication	Tempe	327
Communication Disorders	MS	—	Tempe	408
Communication Studies	MA	—	West	428
Composition	MM	Optional: interdisciplinary digital media and performance <sup>1</sup>	Tempe	290
Computational Biosciences	PSM	—	Tempe	330
Computer Science	MCS	—	Tempe	255
	MS, PhD	Optional: arts, media, and engineering <sup>1</sup>	Tempe	255
Computing Studies	MCST	—	Polytechnic	154
Construction	MS	Optional: construction science, facilities, or management <sup>1</sup>	Tempe	260
Counseling	MC	—	Tempe	232
Counseling Psychology	PhD	—	Tempe	233
Counselor Education	MEd	—	Tempe	234
Creative Writing	MFA	—	Tempe	86

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## ASU GRADUATE DEGREES

### ASU Graduate Degrees (continued)

Major	Degree	Concentration <sup>1</sup>	Campus	Page
Criminal Justice	MA	—	West	430
Curriculum and Instruction	MA	Bilingual education, early childhood education, elementary education, English as a second language, Indian education, language and literacy, mathematics education, science education, secondary education, or social studies education	Tempe	216
	MEd	Bilingual education, early childhood education, elementary education, English as a second language, Indian education, language and literacy, mathematics education, professional studies, science education, secondary education, or social studies education	Tempe <sup>2</sup>	217
		English as a second language, instructional media in K–12 schools, or professional studies	Polytechnic	144
	EdD	Bilingual education, <sup>3</sup> curriculum studies, early childhood education, elementary education, <sup>3</sup> English as a second language, <sup>3</sup> Indian education, <sup>3</sup> language and literacy, mathematics education, science education, secondary education, social studies education, <sup>3</sup> or special education	Tempe	217
	PhD	Art education, curriculum studies, early childhood education, elementary education, English education, exercise and wellness education, language and literacy, mathematics education, physical education, science education, or special education	Tempe	224
Dance	MFA	Optional: interdisciplinary digital media and performance <sup>1</sup>	Tempe	287
Design	MSD	Graphic design, industrial design, or interior design	Tempe	201
Economics	MS, PhD	—	Tempe	183
Educational Administration and Supervision	MEd	—	Polytechnic	145
		—	Tempe <sup>2</sup>	227
		Educational entrepreneurship, principalship, supervision, or superintendency	West	441
	EdD	—	Tempe	227
Educational Leadership and Policy Studies	PhD	—	Tempe	229
Educational Psychology	MA, MEd	—	Tempe	234
	PhD	Learning; lifespan developmental psychology; measurement, statistics, and methodological studies; or school psychology	Tempe	235
Educational Technology	MEd, PhD	—	Tempe	236
Electrical Engineering	MS, PhD	Optional: arts, media, and engineering <sup>1</sup>	Tempe	262
	MSE	—	Tempe <sup>2</sup>	263
Elementary Education	MEd	Optional: bilingual education, educational technology, ESL education, reading, or teacher certification <sup>1</sup>	West	439
Engineering	MEng	—	Tempe <sup>2</sup>	266
Engineering Science	MS	—	Tempe	247
	MSE	Executive embedded systems	Tempe <sup>2</sup>	247
	PhD	Materials science and engineering	Tempe	247

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English	MA	Comparative literature, English linguistics, literature and language, or rhetoric and composition	Tempe	336
	PhD	Literature or rhetoric/composition and linguistics	Tempe	338
Environmental Design and Planning	PhD	Design; history, theory, and criticism; or planning	Tempe	204
Exercise and Wellness	MS	—	Polytechnic	146
Family and Human Development	MS	Optional: family studies <sup>1</sup>	Tempe	344
	PhD	Optional: marriage and family therapy <sup>1</sup>	Tempe	345
French	MA	Comparative literature, linguistics, or literature	Tempe	366
Geographic Information Systems	MAS	—	Tempe	347
Geography	MA, PhD	—	Tempe	347
Geological Sciences	MS, PhD	—	Tempe	334
German	MA	Comparative literature, language and culture, or literature	Tempe	366
Healthcare Innovation	MHI	—	Downtown	104
Health Sector Management	MHSM	—	Tempe <sup>2</sup>	185
Higher and Postsecondary Education	MEd, EdD	Optional: higher education <sup>1</sup>	Tempe	230
History	MA	Asian history, British history, European history, Latin American history, public history, U.S. history, or U.S. Western history	Tempe	351
	PhD	Asian history, British history, European history, Latin American history, or U.S. history	Tempe	352
History and Theory of Art <sup>4</sup>	PhD	—	Tempe	281
Industrial Engineering	MS, MSE, PhD	—	Tempe	269
Information Management	MS	—	Tempe	189
Interdisciplinary Studies	MA	Optional: gerontology <sup>1</sup>	West	436
Justice Studies	MS	—	Tempe	360
	PhD	Optional: criminal and juvenile justice; dispute resolution; law, justice, and minority populations; law, policy, and evaluation; or women, law, and justice <sup>1</sup>	Tempe	361
Kinesiology	MS	—	Tempe	364
	PhD	Biomechanics, motor behavior/sport psychology, or physiology of exercise	Tempe	364
Law	JD	—	Tempe	306
Leadership and Innovation	EdD	Leadership in policy and administration or leadership of teaching innovation	West	442
Legal Studies	MLS	—	Tempe	310
Liberal Studies	MLSt	—	Tempe	371
Mass Communication	MMC	—	Tempe	303
Materials Engineering	MS, MSE	—	Tempe	249
Materials Science	MS	—	Tempe	380

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### ASU Graduate Degrees (continued)

Major	Degree	Concentration <sup>1</sup>	Campus	Page
Mathematics	MA	—	Tempe	380
	PhD	Optional: computational biosciences <sup>1</sup>	Tempe	381
Mechanical Engineering	MS, MSE, PhD	—	Tempe	273
Microbiology	MS, PhD	—	Tempe	375
Molecular and Cellular Biology	MS	—	Tempe	377
	PhD	Optional: computational biosciences <sup>1</sup>	Tempe	377
Music	MA	Ethnomusicology, music history and literature, or music theory	Tempe	289
	DMA	Conducting, interdisciplinary digital media and performance, music composition, music education, or performance	Tempe	292
Music Education	MM	Choral music, general music, instrumental music, or jazz studies	Tempe	291
Music Therapy	MM	—	Tempe	290
Natural Science	MNS	Biology, chemistry, geological sciences, mathematics, microbiology, physics, and/or plant biology	Tempe	385
Nursing	MS	Advanced practice nursing of adults, advanced practice nursing of neonates, community health advanced practice nursing, family nurse practitioner, nurse educator, nursing administration, <sup>3</sup> pediatric nurse practitioner, psychiatric mental health nurse practitioner, or women's health nurse practitioner	Downtown <sup>2</sup>	106
Nursing Science	DNS	—	Downtown	108
Nutrition	MS	—	Polytechnic	149
Performance	MM	Collaborative piano, music theatre/opera musical direction, music theatre/opera performance, performance, or performance pedagogy	Tempe	292
Philosophy	MA, PhD	—	Tempe	386
Physical Activity, Nutrition, and Wellness	PhD	—	Polytechnic	90
Physical Education	MPE	—	Polytechnic	142
Physics	MS, PhD	—	Tempe	390
Plant Biology	MS, PhD	Optional: ecology or photosynthesis <sup>1</sup>	Tempe	378
Political Science	MA, PhD	American politics, comparative politics, international relations, or political theory	Tempe	395
Psychology	MA <sup>5</sup>	—	Tempe	400
	PhD	Behavioral neuroscience, clinical psychology, cognitive/behavioral systems, developmental psychology, quantitative research methods, or social psychology	Tempe	400
Public Administration	MPA	Optional: nonprofit administration <sup>1</sup>	Downtown <sup>2</sup>	115
	PhD	—	Downtown	118
Public Policy	MPP	—	Downtown	115
Recreation	MS	—	Downtown	119
Religious Studies	MA, PhD	—	Tempe	402

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Science and Engineering of Materials	PhD	High-resolution nanostructure analysis or solid-state device materials design	Tempe	406
Secondary Education	MEd	Optional: educational technology or teacher certification <sup>1</sup>	West	440
Social and Philosophical Foundations of Education	MA	—	Tempe	231
Social Work	MSW	Advanced direct practice or planning, administration, and community practice	Downtown <sup>2</sup>	121
		Advanced generalist practice	West	433
	PhD	—	Downtown	124
Sociology	MA, PhD	—	Tempe	407
Spanish	MA	Comparative literature, language and culture, linguistics, or literature	Tempe	366
	PhD	Cultural studies or literature	Tempe	366
Special Education	MA	—	Tempe	225
	MEd	—	Polytechnic	145
		Gifted, mildly disabled, multicultural exceptional, or severely/multiply disabled	Tempe	225
	—	Collaboration and consultation, infants and young children, or teacher certification	West	440
Speech and Hearing Science	PhD	Developmental neurolinguistic disorders, neuroauditory processes, or neurogerontologic communication disorders	Tempe	409
Statistics	MS	—	Tempe	94
Taxation	MTax	—	Tempe	190
Teaching English as a Second Language	MTESL	—	Tempe	337
Technology	MSTech	Aeronautical engineering technology, aviation management and human factors, computer systems, electronic systems engineering technology, environmental technology management, <sup>2</sup> fire service administration, <sup>2</sup> global technology and development, graphic information technology, instrumentation and measurement technology, integrated electronic systems, management of technology, manufacturing engineering technology, mechanical engineering technology, or security engineering technology	Polytechnic	152
Theatre	MA	—	Tempe	297
	MFA	Directing, interdisciplinary digital media, performance, performance design, or theatre for youth	Tempe	297
	PhD	Theatre and performance of the Americas or theatre for youth	Tempe	298
Tribal Policy, Law, and Government	LLM	—	Tempe	309
Urban and Environmental Planning	MUEP	—	Tempe	206

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## ASU GRADUATE DEGREES

### Concurrent and Dual Degrees

Degrees	Administered By
JD/MBA	Sandra Day O'Connor College of Law/W. P. Carey School of Business
JD/MD	Sandra Day O'Connor College of Law/Mayo Medical School
JD/MHSM	Sandra Day O'Connor College of Law/School of Health Management and Policy
JD/MS in Economics*	Sandra Day O'Connor College of Law/Department of Economics
JD/PhD in Justice Studies	Sandra Day O'Connor College of Law/School of Justice and Social Inquiry
JD/PhD in Psychology	Sandra Day O'Connor College of Law/Department of Psychology
MA in Anthropology/MS in Justice Studies	School of Human Evolution and Social Change/School of Justice and Social Inquiry
MAIS/MBA	W. P. Carey School of Business
MArch/MBA	School of Architecture and Landscape Architecture/W. P. Carey School of Business
MBA/Master of International Management	W. P. Carey School of Business/Carlos III University of Madrid (Spain); Graduate School of Business Administration (Peru); Graduate School of Commerce (France); and Monterrey Institute for Technical and Superior Studies, Mexico State Campus (Mexico)
MBA/MHSM	W. P. Carey School of Business
MBA/MSE in Electrical Engineering	W. P. Carey School of Business/Department of Electrical Engineering
MBA/MS in Economics*	W. P. Carey School of Business
MBA/MS in Information Management	W. P. Carey School of Business
MBA/MTax	W. P. Carey School of Business
MSE in Industrial Engineering/Master of International Management of Technology	Department of Industrial Engineering/Thunderbird, the Garvin School of International Management

\* Applications for this program are not being accepted at this time.

### Accelerated Bachelor's and Master's Programs

Degrees	Administered By
BA/MA in Political Science	Department of Political Science
BSE in Computer Systems Engineering/MS in Computer Science	Department of Computer Science and Engineering
BSE/MS in Aerospace Engineering	Department of Mechanical and Aerospace Engineering
BSE/MS in Mechanical Engineering	Department of Mechanical and Aerospace Engineering
BS in Computational Mathematical Sciences/MA in Mathematics	Department of Mathematics and Statistics
BS/MA in Mathematics	Department of Mathematics and Statistics
BS/MS in Biology	School of Life Sciences
BS/MS in Computer Science	Department of Computer Science and Engineering