# Index

A	of Human Services, College of, 857
Abbraviations	of Journalism and Mass Communication, Walter
Abbreviations	Cronkite School of, 856
for buildings, 908	of Law, College of, 856
for course prefixes, 7	of Liberal Arts and Sciences, College of, 856
for Congrel Studies sources 05	of Nursing, College of, 855
for General Studies courses, 95	of Polytechnic campus, 200, 855
for graduate degrees, 163	of Public Programs, College of, 855
for omnibus courses, 63	of Social Work, School of, 855
ABOR (Arizona Board of Regents), 65, 651, 845	of Technology and Applied Sciences, College of, 855
Academic Advising, 79. See also Advising	of Tempe campus, 856
Academic affiliations, 855	of West campus, 857
Academic calendar, 22	ACES (Academic Community Engagement Services), 132
Academic Community Engagement Services (ACES), 132	ACMRS (Arizona Center for Medieval and Renaissance
Academic definitions, 26	Studies), 44
Academic freedom policies, 29	ACT (American College Test), 67
Academic good standing, 86	Acting concentration, 485
Academic integrity, 87	Actuarial science concentration, 615
Academic organization, 19	Add courses, 84
Academic Program Promoting Leadership Enrichment	Administrative personnel, 845
and Service, 282	Polytechnic campus, 849
Academic recognition at graduation, 92	Tempe campus, 850
Academic renewal, 81	West campus, 854
Academic Resource Center, 203	Admission(s), 66. See also Enrollment; Readmission,
Academic Success Programs, 133	specific colleges and schools
course descriptions, 133	advanced placement and, 74
at Polytechnic Campus, 203	to Agribusiness and Resource Management, Morrison
at West Campus, 665	School of, 206
Accountancy	appeal procedure, 71
Accountancy (BS), 297, 671	application procedures, 66
in Accounting, Department of, 671	to Barrett Honors College, 146
course descriptions, 298, 674	to Business, W. P. Carey School of, 288
CPA certification, 673	competency requirements, 69
postbaccalaureate certificate in, 131	deadlines, 66
School of, 297	to Design, College of, 314
Accounting, Department of, 671	Disability Resource Center, 73, 282
Accreditation	to Education, College of, 350
academic, 855	to Engineering, Ira A. Fulton School of, 70, 384
of Agribusiness and Resource Management, Morrison	to Fine Arts, Katherine K. Herberger College of, 437
School of, 856	to Global Management and Leadership, School of, 667
of Business, W. P. Carey School of, 856	to Graduate Studies, Division of, 153
of Construction, Del E. Webb School of, 380	before high school graduation, 74
of Design, College of, 856	to Human Services, College of, 680
of Downtown Phoenix campus, 855	to Interdisciplinary Arts and Sciences, New College of,
of East College, 855	696
of Education, College of, 856	of international students, 72
of Engineering, Ira A. Fulton School of, 386, 856	application deadline, 67
of Fine Arts, Katherine K. Herberger College of, 856	requirements, 74
of Global Management and Leadership, School of, 857	

to Journalism and Mass Communication, Walter	Aerospace Studies
Cronkite School of, 71, 491	course descriptions, 516
to Law, College of, 497	Department of, 515
to Liberal Arts and Sciences, College of, 500	Affiliations, academic, 857
nondegree, 74	Affirmative action policies, 28
to Business, W.P. Carey School of, 289	Affordable Homes and the Family, Stardust Center for, 51
to Nursing, College of, 174	African American Men of ASU Program, 282
Office of Undergraduate, 65	African American Summer Bridge Program, 282
for Polytechnic campus, 201	African and African American Studies program
procedures, 66	African and African American Studies (BA), 518
to Public Programs, College of, 184	certificate, 519
requirements for, 69	course descriptions, 520
to Summer Sessions, 172	minor, 519
to Teacher Education and Leadership, College, 745	AFROTC (Air Force Reserve Officers' Training Corps), 515
to Technology and Applied Sciences, College of, 246,	AGEC (Arizona General Education Curriculum), 72, 95
251	Agribusiness
before transcript receipt, 67	Agribusiness (BS), 207
of transfer applicants, 67	concentrations of, 207
credits awarded, 71	course descriptions, 211
undergraduate, 66	Agribusiness and Resource Management, Morrison
to West Campus, 652	School of, 206, 211
Adult Re-entry Program, 282	accreditation of, 856
Advanced placement credit, 74	admission to, 206
for General Studies credit, 93	degree programs of, 206
Advanced Public Executive Program, 138, 184	National Food and Agricultural Policy Project (NFAPP),
Advancement of Small Business, Center for the (CASB),	206
40	Sustainable Technologies, Agribusiness, and
Advancing Business through Information Technology,	Resources Center (STAR), 42
Center for (CABIT), 40	Air Force Reserve Officers' Training Corps (AFROTC), 515
Advising, 79	Air transportation management concentration, 251
Academic Advising, University College Center for, 133	Airline pilot training, 250
for Business, W. P. Carey School of, 290	Aliens
for Design, College of, 314	residency classification, 57
for Education, College of, 352	Alternative Energy collection, 313
for Engineering, Ira A. Fulton School of, 374	Alumni Association, 37
for Fine Arts, Katherine K. Herberger College of, 437	of Design, College of, 317
for Graduate Studies, Division of, 152, 157	America Counts program, 132
for Liberal Arts and Sciences, College of, 500	America Reads program, 132
for Nursing, College of, 176	American Chemical Society certification, 527
for Polytechnic campus, 201	American College Test (ACT), 67
for Public Programs, College of 195	American English and Culture Program (AECP), 73 American Humanics Program. See Nonprofit Leadership
for Public Programs, College of, 185 Summer Sessions, 172	·
for Technology and Applied Sciences, College of, 247	and Management. American Indian. See also Native Americans
for West campus, 653	American Indian Studies (BS), 522
Advocacy and Assistance, Student, 284	American Indian Students United for Nursing (ASUN), 181
AECP (American English and Culture Program), 73	American Museum of Nursing, 181
Aeronautical Engineering Technology course descriptions,	American Museum of Nursing, 101  American Studies
262	American Studies (BA), 714
Aeronautical Management Technology	course descriptions, 719
Aeronautical Management Technology (BS), 249	minor, 715
course descriptions, 252	Anthropology
Department of, 249	at Tempe campus
Aerospace Engineering (BSE), 426	Anthropology (BA), 567
program of study, 428	course descriptions, 569

course requirements, 567	Apprentice Teacher Program (ATP), 352
for Interdisciplinary Studies majors, 569	program of study, 357
minor, 569	APRC (Arizona Prevention Resource Center), 286
at West campus	Arabic course descriptions, 586
course descriptions, 735	Arboretum, 32
Sociocultural, minor in, 735	Architectural administration and management course
Antiretaliation statement, 29	descriptions, 323
Appeal procedures	Architectural communication course descriptions, 323,
for grades	325
at Tempe campus, 85	Architectural design and technology studios course
at West campus, 655	descriptions, 323
for Graduate Studies, Division of, 158	Architectural philosophy and history course descriptions,
for transfer credits, 71	323, 324
Application(s). See also specific colleges and degree	Architectural Studies (BSD), 318
programs	and Civil Engineering (BSE), 407
for academic renewal, 81	minor, 322
for admission, 66	programs of study, 320
to Graduate Studies, Division of, 153	Architectural technology course descriptions, 323, 325
for financial aid, 59	Architecture and Landscape Architecture, School of,
for graduation, 91,	admission to, 319
from Graduate Studies, Division of, 160	application to, 319
for international programs, 171	course descriptions, 322
for readmission, 80	degree programs of, 318
Applied Biological Sciences	graduate degrees, 323
Applied Biological Sciences (BS), 219	portfolio requirements for, 320
concentration, 220	Architecture professional studies course descriptions,
course descriptions, 222	323, 325
Department of, 219, 857	Archives
graduate programs, 222	University, 34
secondary education concentration, 220	AREC (Arizona Real Estate Center), 41
urban horticulture concentration, 220	Arizona Biodesign Institute (AzBio). See Biodesign
wildlife and restoration ecology concentration, 221	Institute at Arizona State University
Applied Computer Science	Arizona Board of Regents (ABOR), 65, 651, 845
Applied Computer Science (BS), 271	Arizona Center for Medieval and Renaissance Studies
program of study, 272	(ACMRS), 44
Applied Computing	Arizona Collection, 34
Applied Computing (BS), 725	Arizona Education Policy Initiative, 42
course descriptions, 727	Arizona Education Proficiency Assessment, 228, 350
Mathematical Sciences and, Department of, 725	Arizona General Education Curriculum (AGEC)
Applied Ethics, Joan and David Lincoln Center for, 48	competency requirements, 69
Applied mathematics course descriptions, 216	General Studies transfer credit, 72, 95
Applied Psychology (BS), 224	transfer credit, 95
Applied Science (BAS)	Arizona Hispanic Business Survey, 48
at Polytechnic campus	Arizona Historical Foundation library, 34
in Aeronautical Management Technology,	Arizona Prevention Resource Center (APRC), 286
Department of, 251	Arizona Real Estate Center (AREC), 41
in Agribusiness and Resource Management,	Arizona State Board of Nursing requirements, 175
Morrison School of, 210	Arizona Students' Association (ASA) fee, 54
core course descriptions, 216	Arizona Studies in the Middle Ages and the Renaissance
in Electronics and Computer Engineering	(book series), 44
Technology, Department of, 255	Art, School of, 442
in Mechanical and Manufacturing Engineering	Art (BA), 444. See also specific concentrations
Technology, Department of, 261	art history concentration, 444
in Technology Management, Department of, 266	digital art concentration, 445
at West campus, 705	museum studies concentration, 446

studio art concentration, 447	Astronomy
Art (BFA), 448. See also specific concentrations	at Tempe campus, 625
art education concentration, 448	course descriptions, 626
ceramics concentration, 449	at West campus
drawing concentration, 450	course descriptions, 707
fibers concentration, 451	ASU Art Museum, 34
intermedia concentration, 451	ASU baccalaureate degrees, 13. See also Bachelor's
metals concentration, 452	degree(s), specific degree programs and courses
painting concentration, 453	ASU Community Fellows Lecture Program, 138
photography concentration, 454	ASU Extended Campus. See Extended Education, School
printmaking concentration, 455	of
sculpture concentration, 456	ASU Interactive, 55
special programs of, 440	ASU Report Card, 38
Art auxiliary course descriptions, 456	ASU Research Park, 32
Art (BA, BFA), 444, 448. See also Art, School of	ASU Web Devil, 286
Art Education	ASUN (American Indian Students United for Nursing), 181
concentration, 448	ASUonline, 135
course descriptions, 457	Athletics, 31
Art History	Atmospheric Science certificate, 161
at Tempe campus	ATP (Apprentice Teacher Program), 352
concentration, 444	Audit enrollment, 83
minor, 447	in Graduate Studies, Division of, 156
at West campus	in Liberal Arts and Sciences, College of, 505
course descriptions, 711	Auditions
Art Museum, ASU, 34	for Dance, Department of, 464
Arts	for Music, School of, 470
Consortium for Interdisciplinary Projects and	for Theatre and Film, School of, 483
Residencies in, 658	Auditorium, Gammage Memorial, 35
fine. See Fine Arts.	Automotive Entrepreneurs and Leaders certificate, 294
Institute for Studies in the (ISA), 39	Aviation maintenance management technology
Media, and Engineering (AME), 39	concentration, 252
Arts Center, J. Russell and Bonita Nelson, 35	Aviation management technology concentration, 252
ASASU (Associated Students of Arizona State University)	Awareness areas in General Studies requirement, 94
at Tempe campus, 280	AZBio (Arizona Biodesign Institute). See Biodesign
at West campus, 657	Institute at Arizona State University
Asian Languages (Chinese/Japanese) (BA), 580	
Asian Lead Academy, 282	
Asian Pacific American Studies Program, 524	В
Asian Studies	
Asian Pacific American Studies Program, 524	Baccalaureate degrees. See Bachelor's degree(s),
Asian Studies certificate, 509	specific degree programs and courses
with Asian Languages major, 583	Bachelor's degree(s), 13. See also specific degrees
with Geography major, 547	Accountancy (BS), 297, 668
with History major, 557	Aeronautical Management Technology (BS), 249
with Political Science major, 629	Aerospace Engineering (BSE), 426
with Religious Studies major, 639	African and African American Studies (BA), 518
as Business, W. P. Carey School of, emphasis, 294	Agribusiness (BS), 207
Center for, 44	American Indian Studies (BS), 522
East Asian, 509, 639	American Studies (BA), 697
Southeast Asian Studies certificate, 514, 558, 583	Anthropology (BA), 567
Associate in Transfer Partnership degree in business, 291	Applied Biological Sciences (BS), 219
Associated Students of Arizona State University (ASASU)	Applied Computer Science (BS), 272
at Tempe campus, 280	Applied Computing (BS), 725
at West campus, 657	Applied Psychology (BS), 224
	Applied Science (BAS), 210, 251, 255, 261, 266, 697

Architectural Studies (BSD), 320

Art (BA, BFA), 444, 448

Asian Languages (Chinese/Japanese) (BA), 580

Biochemistry (BS), 528 Bioengineering (BSE), 386

Biology (BS), 597

Business Administration (BS), 225 Chemical Engineering (BSE), 393

Chemistry (BA, BS), 525

Chicana and Chicano Studies (BA), 533

Chinese (BA), 580

Civil Engineering (BSE), 403

Clinical Laboratory Sciences (BS), 598 Communication (BA, BS), 564, 678 Communication Studies (BA, BS), 678

Computational Mathematical Sciences (BS), 613

Computer Information Systems (BS), 303

Computer Science (BS), 410 Computer Systems (BS), 272

Computer Systems Engineering (BSE), 411

Conservation Biology (BS), 599

Construction (BS), 380

Criminal Justice and Criminology (BS), 683

Dance (BFA), 465

Design Science (BSD), 314

Early Childhood Education (BAE), 356

Economics (BS), 298, 535 Education (BAE), 352

Electrical Engineering (BSE), 416

Electronics Engineering Technology (BS), 254 Elementary Education (BAE), 357, 746

Engineering (BSE), 258, 384

Engineering Interdisciplinary Studies (BS), 375 Engineering Special Studies (BSE), 434

English (BA), 537, 697

Environmental Technology Management (BS), 265 Ethnicity, Race, and First Nations Studies (BA), 698

Exercise and Wellness (BS), 233

Family and Human Development (BS), 544

Film (BA), 485

Film and Media Studies (BA), 545

Finance (BS), 301 French (BA), 581

Geography (BA, BS), 547, 548 Geological Sciences (BS), 553

German (BA), 581 Global Business (BS), 668 Global Studies (BA), 556 Graphic Design (BSD), 344

Graphic Information Technology (BS), 265

History (BA), 557, 697

Housing and Urban Development (BSD), 337

Human Health Studies (BA, BS), 237 Industrial Design (BSD), 326

Industrial Engineering (BSE), 421

Integrated Studies (BA, BS), 508 Integrative Studies (BA), 697

Interdisciplinary Arts and Performance (BA), 697 Interdisciplinary Studies (BIS), 139. *See also* 

Interdisciplinary Studies (BIS)

Interior Design (BSD), 332

Italian (BA), 581 Japanese (BA), 581

Journalism and Mass Communication (BA), 492

Justice Studies (BS), 573 Kinesiology (BS), 576

Landscape Architecture (BSLA), 321

Liberal Studies (BLS), 508 Life Sciences (BS), 697 Management (BS), 306

Manufacturing Engineering Technology (BS), 260

Marketing (BS), 309

Materials Science and Engineering (BSE), 396

Mathematics (BA, BS), 612

Mechanical Engineering (BSE), 429

Mechanical Engineering Technology (BS), 260

Microbiology (BS), 599

Molecular Biosciences/Biotechnology (BS), 600 Multimedia Writing and Technical Communication (BAS,

BS), 238

Music (BA, BM), 471 Music Education (BM), 471 Music Therapy (BM), 473 Nursing (BSN), 176

Nutrition (BS), 240

Operations Management Technology (BS), 265

Performance (BM), 474 Philosophy (BA), 622 Physics (BS), 624 Planning (BSP), 337 Plant Biology (BS), 600

Political Science (BA, BS), 629, 697 Psychology (BA, BS), 635, 697

Real Estate (BS), 226 Recreation (BS), 189

Recreation and Tourism Management (BS), 678

Religious Studies (BA), 639

Russian (BA), 582

second, 92

Secondary Education (BAE), 359

Selected Studies in Education (BAE), 360 Social and Behavioral Sciences (BA, BS), 697

Social Work (BS, BSW), 194, 678 Sociology (BA, BS), 642, 697 Spanish (BA), 582, 697 Special Education (BAE), 360 Speech and Hearing Science (BS), 646

Supply Chain Management (BS), 311 table showing, 13

Theatre (BA), 484

Urban Planning (BSP), 337	Buckley Amendment, 87
Women and Gender Studies (BA), 649	defined, 26
Women's Studies (BA, BS), 697	Budgets, typical student, 60
Bank One Economic Outlook Center (EOC), 39	Building construction, general, concentration, 382
Barren Mind Improv, 281	Bureau of Educational Research and Services (BERS)
Barrett Honors College. See Honors College, Barrett	349
Basic competency requirements, 69	Bus transportation
Beginning Educator Support Team (BEST), 349	at Tempe campus, 55
Behavioral Sciences in General Studies requirements, 94	at West campus, 657
Benedict Visual Literacy Collection, 34	Business,
BERS (Bureau of Educational Research and Services),	course descriptions, 296
349	Global (BS), 669. See also Global Management and
BEST (Beginning Educator Support Team), 349	Leadership, School of
Beta Gamma Sigma, 288	at Polytechnic campus, 225
Bicycles, 55	W. P. Carey School of, 288. See also specific
Bike Co-op Repair Service, 55	departments and degree programs
Bilingual education	academic organization of, 288
course descriptions, 363	academic standards of, 293
at West campus, 749	Accountancy, School of, 297
Navajo, 353	accreditation of, 856
Bilingual Review Press, 48	admission to, 288
Binding fee, 54	advising, 290
Biochemical engineering emphasis, 395	centers of, 40, 296
Biochemistry	certificates of, 294, 299
Biochemistry (BA, BS), 527	construction degree and, 380
course descriptions, 530	degree programs of, 291
Biodesign Institute at Arizona State University, 50	Economics, Department of, 298
Bioelectrical engineering emphasis, 389	Finance, Department of, 301
Bioengineering	graduate programs in, 291
areas of study, 388	graduation requirements, 291
• •	
Bioengineering (BSE), 386 course descriptions, 391	Health Management and Policy, School of, 302 honors program, 295, 299
Harrington Department of, 386	Information Systems, Department of, 303
programs of study, 390	Innovation Space and, 313
Biological sciences minor, 602	International Business Studies, 304
Biology. See also Applied Biological Sciences	certificate, 294, 304
Biology (BS), 597	major requirements, 293
course descriptions, 603	Management, Department of, 306
at West campus, 702	• • •
• •	Marketing, Department of, 309 minors, 289
graduate degrees in, 603	,
minor, 602	organization of, 288
and society concentration, 598 Biology and Society, Center for, 45	programs of study, 288, 293 research centers of, 39, 296
Biology and Society Unusual Student Project Award, 45	Rodel Community Scholars, 295
Biomaterials engineering emphasis, 389, 398	school degree requirements, 292
	•
Biomechanical engineering emphasis, 389 Biomedical engineering emphasis, 395	Secondary Education (BAE) specialization, 289
e e i	special programs of, 294
Biomedical imaging engineering emphasis, 389	Supply Chain Management, Department of, 311
Biopolicy and law, 45	at West campus, 667
Biosystems engineering emphasis, 389	Business Administration
BIS. See Interdisciplinary Studies (BIS).	Business Administration (BS), 225
Black Youth Recognition Conference, 282	Business education course descriptions, 364
Bridge Discount Program, 285	Business Research, Center for (CBR), 40
Brown Bag Lunch Lectures Program, 138	

C	Bureau of Educational Research and Services (BERS), 349
CABIT (Center for Advancing Business through	of Business, W. P. Carey School of, 39
Information Technology), 40	for Business Research (CBR), 40
Cable/public television courses, 135	Campus Children's Center, 280
Calendar, academic, 22	Cancer Research Institute, 44
Camp Tontozona, 32	Ceramics Research Center, 43
Campus Children's Center, 280	Child Development and Family Studies, 657
Campus codes for courses, 62	Counselor Training, 350
Campus Environment Team, 29	Critical Languages Institute (CLI), 49
Campus Health Service, 74, 285	Customer Assistance, 36
Campus Match program,	Dance Multimedia Learning, 34
at Tempe campus, 133	Deer Valley Rock Art, 32
at West campus, 666	of Design, College of, 41, 313
Campus(es). See Downtown Phoenix campus;	Disability Resource (DRC), 36, 73, 282
Polytechnic campus; Tempe campus; West campus	Downtown (ASU), 32, 135
Cancer Research Institute, 44	of East College, 41
CAP LTER (Central Arizona-Phoenix Long-Term	of Education, College of, 42, 350
Ecological Research project), 51	for Education Equity and Language Diversity,
CAPS Research (Center for Strategic Supply Research),	Southwest, 42
40	Educational Opportunity Center, 282
Career Services	of Engineering, Ira A. Fulton School of, 42
for Polytechnic campus, 204	Environmental Research and Policy, Southwest Center
for Tempe campus	for (SCERP), 51
for Graduate Studies, Division of, 152	Exercise and Sport Research Institute (ESRI), 47
for undergraduates, 286	of Fine Arts, Katherine K. Herberger College of, 43
for West campus, 657	Global Institute of Sustainability, 51
Career Testing Services, 285	Health and Wellness, 74
Carey School of Business. See Business, W. P. Carey	Herberger Center for Design Research (HCDR), 41, 313
School of	for High Resolution Electron Microscopy (CHREM), 46
CARO (Community Art and Research Outreach), 48	Hispanic Leadership Institute, 137
CASB (Advancement of Small Business, Center for), 40	Hispanic Research Center (HRC), 48
Catalog year determination, 89	Home Safe Violence Prevention and Advocacy, 285
Catalogs, 62	Human Origins, Institute of (IHO), 48
CBR (Center for Business Research), 40	of Human Services, College of, 43
CCNS (College Council of Nursing Students), 181	for Humanities Research, 48
CCPA (Co-Curricular Programs and Activities), 280	Indian Data, Labriola National American, 34
Centennial Lecture, 146	for Indian Education, 42, 350
Center(s) and Institute(s). See also Facilities and	InnovationSpace, 41
Laboratory(ies)	Institute for Computing and Information Science and
Academic Resource Center, 203	Engineering (InCISE), 51
for the Advancement of Small Business (CASB), 40	Institute for Humanities Research, 48
for Advancing Business through Information Technology (CABIT), 40	Institute for Manufacturing Enterprise Systems (IMES), 43
for Affordable Homes and the Family, Stardust Center,	Institute for Studies in the Arts (ISA), 39
51	Institute of Human Origins (IHO), 48
Applied Ethics, Joan and David Lincoln Center for, 48	Intergroup Relations (IRC), 29
Arizona Center for Medieval and Renaissance Studies	Ira A. Fulton Research Institute, 43
(ACMRS), 44	J. Russell and Bonita Nelson Fine Arts Center, 35
Arizona Prevention Resource Center (APRC), 286	Joan and David Lincoln Center for Applied Ethics, 48
Arizona Real Estate (AREC), 41	Katherine K. Herberger Center for Design Excellence
for Asian Studies, 44	(HCDR), 41
Bank One Economic Outlook (EOC), 39	Kerr Cultural Center, 35
Biodesign Institute at Arizona State University, 50	L. William Seidman Research Institute, 41, 296
for Biology and Society, 45	Labriola National American Indian Data, 34

Latin American Studies, 48, 296 of Vice President for Research and Economic Affairs, 50 of Law, College of, 44 Virginia C. Piper Center for Creative Writing, 49 Law, Science, and Technology, Center for the Study of, Women's Studies Resource Center, 743 44.496 Writing Center, 133 for Learning and Teaching Excellence, 38 Central Arizona-Phoenix Long-Term Ecological Research Learning Enhancement, 659 (CAP LTER) project, 51 Learning Resource Center (LRC), 284 Ceramic materials emphasis, 398 of Liberal Arts and Sciences, College of, 44, 515 Ceramics Louise Lincoln Kerr Cultural, 35 concentration, 449 for Low Power Electronic Research (CLPE), 43 course descriptions, 460 Manufacturing Enterprise Systems, Institute for (IMES), Ceramics Research Center, 43 41, 43 Certificate(s), 126, 131. See also specific titles of Materials Facility (MF), 46 certificates Materials Research Science and Engineering in Accountancy, 131 (MRSEC), 46 of admission, 74 Media Center, 313 in African and African American Studies, 519 Medieval and Renaissance Studies, Arizona Center for from American Chemical Society, 527 (ACMRS), 44 in American Humanics, 190 in American Indian Studies, 523 for Meteorite Studies, 45 Morrison Institute for Public Policy, 50 in Asian Pacific American Studies, 524 Multicultural Student Center (MSC), 282 in Asian Studies, 509, 557, 583, 639 Nelson Fine Arts Center, 35 in Atmospheric Science, 161 for Nonprofit Leadership and Management (CNLM), 49, for Automotive Entrepreneurs and Leaders, 294 offered by Business, W. P. Carey School of, 294 of Nursing, College of, 180 in Business English, 129, 136 for Outreach and Recruitment (COR), 378 in Civic Education, 629 of Polytechnic campus, 41 in Classical Studies, 509 for Professional Development (CPD), 371 in Communication and Human Relations, 131, 680 of Public Programs, College of, 49 Early Intervention, 511 for Research on Education in Science, Mathematics, in East Asian Studies, 509 Engineering, and Technology (CRESMET), 39 in English as a Second Language, 137 Russian and East European Studies (REESC), 49 Enriched College Degree, 509 Seidman Research Institute, L. William, 41, 296 in Ethics, 622 for Services Leadership (CSL), 40 in Ethnic Studies, 698 for Solid State Electronics Research (CSSER), 43 offered by Extended Education, School of, 136 for Solid State Science, 45 in Film and Video Studies, 711 Southwest Center for Education Equity and Language in Fire service management, 136 Diversity, 42 in Geographic Information Science, 161, 129, 511 Southwest Center for Environmental Research and in Gerontology, 162 Policy (SCERP), 51 graduate, 131 Southwest Interdisciplinary Research Center, 50 in Hazardous Materials and Waste Management, 265 Stardust Center for Affordable Homes and the Family, in Healthcare Organizations and Society, 295, 511 in History and Philosophy of Science, 512, 602, 622 for Strategic Supply Research, (CAPS), 40 International Baccalaureate Diploma/Certificate, 75 Student Health and Wellness, 74 in International Business Studies, 299, 304, 535 Student Organization Resource Center (SORC), 280 in International Studies, 630 for Studies in the Arts (ISA), 39 in Islamic studies, 129, 512, 639 for the Study of Early Events in Photosynthesis, 46 in Jewish Studies, 512, 558, 639 in Latin American Studies, 299, 512, 535, 547, 558, 583, for the Study of Law, Science, and Technology, 44, 496 for the Study of Religion and Conflict, 47 639 Sun Devil Involvement Center (SDIC), 280 in Leadership and Ethics, 192 Sundome, for the Performing Arts, 36 in Lesbian, Gay, Bisexual, and Transgender Studies. Sustainable Technologies, Agribusiness, and offered by Liberal Arts and Sciences, College of, 510 Resources (STAR), 42 for Urban Inquiry (CUI), 49, 188 Management and, 307

in Medieval and Renaissance Studies, 513	Chicano Research Collection, 34
in Multimedia Writing and Technical Communication,	Child and Family Services (CFS), 280
239	Child care
in Museum Studies, 513	at Polytechnic campus, 205
in Nonprofit Youth and Human Service Leadership and	at Tempe campus, 280
Management: American Humanics, 190	at West campus, 651
in Philosophy, Politics, and Law, 148	Child development
postbaccalaureate, 131	at Tempe campus
in Public Administration and Public Management, 192	course descriptions, 544
in Quality Analysis, 294, 299, 535	Laboratory, 280
in Russian and East European Studies, 513, 558, 583,	at West campus, 657
639	Child Development and Family Studies Center, 657
in Scandinavian Studies, 513, 583	Child Drama Collection, 34
in Small Business and Entrepreneurship, 294	Child Study Laboratory, 280
in Southeast Asian Studies, 514, 548, 558, 583, 639	Chinese
in Spa Management, 235	Chinese (BA), 580
in Supervisory and Management Skills, 137	course descriptions, 587
in Symbolic Systems, 514, 622	minor, 582
in Technology Entrepreneurship, 378	Choral—general concentration, 471
in Translation, 583	Choreography concentration, 465
offered by West campus, 655	CHREM (Center for High Resolution Electron
in Women and Gender Studies, 514, 558, 639	Microscopy), 46
in Women's Studies, 655	Civic Education certificate, 629
in Writing, 538	Civil and Environmental Engineering
Certification for teachers, 228, 350, 361. See also Initial	Civil Engineering (BSE), 403
Teacher Certification (ITC) program	concurrent studies in architecture and, 407
CFS (Child and Family Services), 280	course descriptions, 407
Chandler-Gilbert Community College Partnership, 201,	degree requirements, 403
214	Department of, 402
Channel 8 Television (KAET), 36	graduate degrees, 407
Chapel, Danforth, 281	programs of study, 404
Checks	Civil Practice Clinic, 497
returned, 55	Class standing, 86
tuition payment, 55	Classical Studies certificate, 509
• • •	Classification of courses, 62
Chemical and Materials Engineering Department of, 392	Classroom aides residency classification, 58
graduate degrees, 399 Chemical Engineering	Classroom support, 36
<u> </u>	CLASworks, 501, 508
areas of study, 395	Clearinghouse, Community Service Opportunity, 281
Chemical Engineering (BSE), 393	CLEP (College-Level Examination Program), 75
course descriptions, 399	CLI (Critical Language Institute), 49
programs of study, 395	Clinical Laboratory Sciences (BS), 598
Chemistry  Chamistry  Chamistry  (BA BO) 505 500	course descriptions, 607
Chemistry (BA, BS), 525, 526	Clinics, of Law, College of, 497
course descriptions, 530	CLPE (Center for Low-Power Electronics), 43
at West campus, 702	CNLM (Nonprofit Leadership and Management, Center
minor, 529	for), 49
Chemistry and Biochemistry	Co-Curricular Programs and Activities (CCPA), 280
Department of, 525	Codes
graduate degrees, 530	Code of Conduct, Student, 65
Chicana and Chicano Studies	for course prefixes, 7
Chicana and Chicano Studies (BA), 533	Honor Code, 497
course descriptions, 533	Cohort management course codes, 64
Department of, 533	Collaborative piano concentration, 476
minor, 533	

Collections and galleries, 34	Competency requirements, 69
Alternative Energy Collection, 313	Composition, First-Year, requirements for, 89
Arboretum, 32	Composition (Music) concentration, 477
Arizona Collection, 34	Comprehensive examinations, 75
Chicano Research Collection, 34	fees for, 54
Child Drama Collection, 34	Computational Biosciences (MS), 535
Computing Commons Gallery, 34	Computational Mathematical Sciences (BS), 613
Galleria, 35	Computational sciences concentration, 613
Gallery 100, 35, 441	Computer Accounts, 36
Gallery of Design, 35, 313	Computer-associated degrees
Harry Wood Gallery, 35, 441	Applied Computer Science (BS), 272
Map Collection, 33	Applied Computing (BS), 725
Nelson Fine Arts Center, 35	Applied Science (BAS), 252
Northlight Gallery, 35, 441	Computational Biosciences (MS), 535
Step Gallery, The, 36, 441	Computational Mathematical Sciences (BS), 613
University Archives, 34	Computer Information Systems (BS), 303
Visual Literacy Collection, 34	Computer Science (BS), 410
College Council of Nursing Students (CCNS), 181	Computer Systems (BS), 271
College-Level Examination Program (CLEP), 75	Computer Systems Engineering (BSE), 411
General Studies credit and. 93	Computer Engineering Technology course descriptions,
Commercialism in Education Research Unit, 42	274
Committee on Law and Philosophy, 497	Computer hardware technology concentration, 272
Communicating Science, 45	Computer Information Systems (BS), 303
Communicating Science, 45	course descriptions, 303, 676
Communication Studies	Computer Science and Engineering
	course descriptions
Communication Studies (BA, BS), 678	·
course descriptions, 681	at Tempe campus, 413
Department of, 678	at West campus, 750
and Human Relations postbaccalaureate certificate,	Department of, 409
680	Computer Science (BS), 410
minor in, 680	programs of study, 411
Hugh Downs School of Human, 564	Computer/statistics/quantitative applications in General
activity programs through, 287	Studies requirements, 93
Communication (BA, BS), 564	Computer systems administration concentration, 274
course descriptions, 565	Computer Systems (BS), 271
degree programs of, 564	Computer Systems Engineering (BSE), 411
minor in, 564	programs of study, 412
Journalism and Mass Communication, Walter Cronkite	Computing and Information Science and Engineering,
School of, 491. See also Journalism and Mass	Institute for (InCISE), 51
Communication, Walter Cronkite School of	Computing Commons,
Multimedia Writing and Technical (BAS, BS), 238	Gallery, 34
nutrition concentration and, 242	Computing facilities and services
Community Art and Research Outreach (CARO), 48	at Polytechnic campus, 202
Community colleges	at Tempe campus, 36
Chandler-Gilbert Community College Partnership and,	at West campus, 657
201, 214	Computing Studies
continuous enrollment and, 89	course descriptions, 274
General Studies credit and, 95	Division of (Polytechnic campus), 271
Glendale Community College at West campus, 666	Concurrent degree programs. See Dual Degree Programs
transfers from, 72	Conservation Biology (BS), 599
Community Design Studio (CDS), 41	Consortium for Interdisciplinary Projects and Residencies
Community health practice course descriptions, 182	in the Arts, 658
Community Resources and Development, School of, 189	Construction
Community Service Program, 281	Construction (BS, MS), 380
Compassionate withdrawal, 84	course descriptions, 383

Del E. Webb School of	from community colleges, 71, 72, 684, 693
admission, 380	to Design, College of, 314
programs of study, 381	to Education, College of, 351
engineering concentration, 405	to Engineering, Ira A. Fulton School of, 373
Consumer products technology concentration, 210	to Fine Arts, Katherine K. Herberger College of, 437
Continuing and Extended Education Program for nurses,	for General Studies, 95
180	to Global Management and Leadership, School of,
Continuing Education programs, 137	668
Continuing registration, 63, 157	to Graduate Studies, Division of, 159
Cooperative Education programs, 82	to Journalism and Mass Communication, Walter
in Engineering, Ira A. Fulton School of, 378	Cronkite School of, 492
Coor, Lattie F., 30	to Justice and Social Inquiry, School of, 574
COR (Center for Outreach and Recruitment), 378	to Liberal Arts and Sciences, College of, 500
Corequisites defined, 62	to Nursing, College of, 174
Council for Design Excellence, 317	to Polytechnic campus, 201
Counseling services	to Public Programs, College of, 184
Polytechnic campus, 204	to Social Work, School of, 195
Tempe campus, 284	to Technology and Applied Sciences, College of, 247
West campus, 660	veterans exception, 72
Counselor Education course descriptions, 369	to West campus, 653
Counselor Training Center, 350	undergraduate for graduate programs, 82, 158
Course Applicability System, 72, 89	for Fine Arts, Katherine K. Herberger College of, 442
Course(s). See also specific degree programs and	for Public Programs, College of, 186
courses	for Social Work, School of, 197
classification of, 62	Credit(s), tax, 61
First-Year Seminar, 63	CRESMET (Center for Research on Education in Science,
General Studies listing, 96	Mathematics, Engineering, and Technology), 39
Honors, 63	Criminal Justice and Criminology
key to course listings, 62	course descriptions, 684
minimum loads, 81	Criminal Justice and Criminology (BS), 679
for Graduate Studies, Division of, 156	Department of, 683
numbering system of, 62	Criminal Practice Clinic, 497
omnibus, 62	Crisis counseling services. See Counseling services
prefix index, 7	Critical inquiry in General Studies requirements, 93
repeating, 85	Critical Language Institute (CLI), 49
reserving for graduate credit. See Credit(s), academic	Crow, Michael M., 3, 30
special fees for, 53	Cryptographic Science concentration, 615
University Success, 133	CSL (Center for Services Leadership), 40
Creative Writing (MFA), 161, 439	CSSER (Center for Solid State Electronics Research), 43
Credit cards for tuition payments, 55	CTS (Career Testing Services), 285
Credit enrollment, 83	CUI (Urban Inquiry, Center for), 49, 188
Credit(s), academic	Cultural diversity in the United States, 94
advanced placement, 74	Cultural geography
Chandler-Gilbert Community College, Partnership in	course descriptions
Baccalaureate Education, 201, 214	at Tempe campus, 550
College-Level Examination Program, 75	at West campus, 736
from community colleges, 71, 72, 684, 693	Current Social Events, Linda Haskell Memorial Master
options in, 505	Class on, 138
requirements for graduation, 89	Curriculum and Instruction
transfer, 71	course descriptions, 364
appeals procedure, 71	Division of, 363
application for, 67	Customer Assistance Center, 36
to Business W.P. Carey School of 290	

D	Architecture and Landscape Architecture, School of, 318
Dance	associations of, 317
course descriptions, 467	civil engineering studies and, 407
Dance (BFA), 465	Council for Design Excellence, 317
degree programs of, 465	degree programs of, 314
Department of, 464	Gallery of Design for, 313
special programs of, 440	Herberger Center for Design Research (HCDR), 313
graduate programs in, 467	Industrial Design, Department of 326
minor, 466	Interior Design, Department of, 331
Multimedia Learning Center, 34	internships, 316
preprofessional dance major program, 465	library for, 313
student activities, 287	organization of, 313
Studio Theatre, 34	Planning, School of, 337
Dance education concentration, 466	research centers of, 41
Dance studies concentration, 466	study abroad programs, 316
Danforth Chapel, 281	Visual Communication Design, Department of, 344
DANTES (Defense Activity for Nontraditional Education	Design (BSD)
Support), 75, 130	in Graphic Design, 344
DARS (Degree Audit Reporting System), 141	in Industrial Design, 326
Deadlines	in Interior Design, 332
for admission, 66. <i>See also</i> specific colleges and	Design Research, Herberger Center for (HCDR), 41
programs	Design Science (BSD), 314
for payment, 55	Design Studies (BIS) and minor, 327, 332, 345
Dean of Students Office, 284	Devils' Den Game Room, 658
Dean's list, 87	Dietetics concentration, 241
Decals, parking. See Parking	Digital art concentration, 445
Deer Valley Rock Art Center, 32	Digital Arts Ranch, 35, 39
Defense Activity for Nontraditional Education Support	Digital Media and Instructional Technologies (DMIT) and
(DANTES), 75, 130	Lab, 36
Definitions	Digital media management concentration, 266
academic, 26	Digital publishing concentration, 266
of academic standing, 86	Diné Teacher Education Program, 353
of courses, 62	Direct Student Loan, 60
of credit unit, 82	Directories
in Graduate Studies, Division of, 155	Downtown Phoenix campus, 898
for Engineering, Ira A. Fulton School of, 379	Polytechnic campus, 899
of grades, 82	Tempe campus, 900
of harassment, 29	West campus, 906
of records, 87	Directory information, 87
for tuition, 53	Disability Resource Center (DRC)
Degree Audit Reporting System (DARS), 141	at Tempe campus, 73, 282
Degree program(s), 13. See also specific degree	application and, 73
programs	at West campus, 658
Del E. Webb School of Construction. See Construction,	Discriminatory harassment policies, 29
Del E. Webb School of	Dishonesty, academic, 87
Delinquent financial obligations, 56	Disqualification, academic, 87
Dentistry and WICHE, 130	Dissertations
Dependents	fees for, 54
residency classification, 57	formats for, 153
Design, College of, 313. See also specific departments	for Graduate Studies, Division of, 160
and degree programs	Distance learning, 135
academic standards of, 315	Diversity programs, 152
accreditation of, 317	DMIT (Digital Media and Instructional Technologies), 36
admission to, 314	Doctoral degrees. See Graduate degrees

Downs School of Human Communication. See	Economics
Communication, Hugh Downs School of Human	dual degree programs, 169
Downtown and Gown Lecture Program, 138	at Tempe campus
Downtown Center at ASU, 32. See also Extended	course descriptions, 299
Education, School of	Department of, 298
Downtown Phoenix Campus, 173	Economics (BS), 298, 535
accreditation of, 855	graduate degrees, 536
directory of, 898	minors in, 535
Drawing	special programs in, 299
concentration, 450	at West campus
course descriptions, 460	course descriptions, 675
DRC (Disability Resource Center), 73	Economics, Finance, Marketing, and Quantitative
Drop/add courses, 84	Business Analysis, Department of, 675
Dual degree programs	Education
Architectural Studies (BSD)	at Polytechnic campus, 227
and Civil Engineering (BSE), 407	course descriptions, 230
graduate programs in, 92, 169	at Tempe campus. See Education, College of
restrictions, 501	at West campus. See Teacher Education and
Durham, G. Homer, 30	Leadership, College of
- Landan, G. 1. 1011101, GG	Education, College of, 349. See also specific departments
	and programs
<b>E</b>	academic affiliation of, 858
E	academic organization of, 19
E-mail policy, 37	academic standards for, 361
Early Childhood Education (BAE), 356	admission to, 350
course descriptions	advising, 352
at Polytechnic campus, 230	Apprentice Teacher Program, 352
at Tempe campus, 364	Arizona Education Policy Initiative, 42
at West campus, 750	art education certification, 448
at Tempe campus, 356	Bureau of Educational Research and Services (BERS),
programs of study, 356	349
Early Childhood Interprofessional Program (ECD), 353	centers of, 42, 349
Early Events in Photosynthesis, Center for the Study of, 46	Counselor education courses, 369
Early Intervention certificate, 511	
·	Counselor Training Center, 350
East Asian Studies, 509	course descriptions, 361 Curriculum and Instruction
East campus. See Polytechnic campus	
East College, 214	Division of, 349, 363
accreditation of, 855	dance education certification, 466
Applied Biological Sciences, Department of, 219	degree requirements, 354 Diné Teacher Education Program, 353
Applied Psychology, Faculty of, 224	
Business Administration, Faculty of, 225	Early Childhood Education (BAE), 356
degree programs, 214	Early Childhood Interprofessional Program, 353
Education, Faculty of, 227	Education (BAE), 352
Exercise and Wellness, Department of, 233	Education Equity and Language Diversity, Southwest
Human Health Studies, Faculty of, 237	Center for, 42, 350
Interdisciplinary Studies (BIS), 214	Education Policy Analysis Archives, 42
Multimedia Writing and Technical Communication,	Education Policy Research Unit, 42
Faculty of, 238	Education Policy Studies Laboratory (EPSL), 42, 350
Nutrition, Department of, 240	Educational Leadership and Policy Studies, Division of,
research centers of, 41	368
East European studies. See Russian and East European	Elementary Education (BAE), 357, 358
Studies  Facility and analysis are sense to the control of the con	Elementary Education Partnership Program, 353
Ecology, wildlife and restoration, concentration, 221	field experience requirements, 355
Economic Forecasts, 39	graduate degree programs, 361
Economic Outlook Center, Bank One, 39	Indigenous Teacher Preparation Program, 353

Initial Teacher Certification (ITC) Program, 350. See	Electronic Classroom, 441
also Teacher Certification (ITC) Programs	Electronic Music Studio, 441
Integrated Certification in Teacher Education (INCITE),	Electronic systems concentration, 254
351	Electronics and Computer Engineering Technology,
Multilingual/Multicultural (MLMC) Program, 354, 363	Department of, 254
music education certification, 471	Electronics Engineering Technology (BS), 254
organization of, 349	concentrations, 254
postbaccalaureate programs, 351	program of study, 255
Professional Field Experiences, Office of, 350	Elementary Education
Psychology in Education, Division of, 369	course descriptions
research centers of, 42	at Polytechnic campus, 230
Secondary Education (BAE), 354, 359	at Tempe campus, 365
Special Education (BAE), 354, 360	at West campus, 721, 750
Student services, Office of, 350	course prefixes for, 64
student teaching, 355	Elementary Education (BAE)
teacher certification programs, 350, 361. See also	at Polytechnic campus, 227
Initial Teacher Certification (ITC) Program	at Tempe campus, 358
in art education, 449	at West campus, 747
in dance education, 466	postbaccalaureate program
in music education, 471	at Polytechnic campus, 228
Teacher Education and Certification Highway + Master's	at West campus, 653
(TEACH+ME), 351	programs of study
Teacher Education for Arizona Mathematics and	at Tempe campus, 357
Science (TEAMS), 354	at West campus, 748
Technology-Based Learning and Research, 350	Elementary Education Partnership Program,
undergraduate degree programs of, 351	programs of study, 357
Education Equity and Language Diversity, Southwest	Embedded systems technology concentration, 272
Center for, 42	Emergency management concentration, 266
Education Policy Analysis	EMPACT, 284
archives, 42	Employment
course descriptions, 369	financial aid and, 60
Education Policy Studies Laboratory (EPSL), 42	residency classification, 57
Education record. See also Records.	student, 60
definition of, 87	Employment-based visa programs, 171
fees for, 54	Energy studies, interdisciplinary programs of, 126
Educational Administration and Supervision	Energy systems areas of emphasis, 398
course descriptions, 369, 756	Engineering
Educational Administration and Supervision (MEd,	at Polytechnic campus, 258
EdD), 756	at Tempe campus, <i>See</i> Engineering, Ira A. Fulton
Educational Development in Student Services, 282	School of
Educational Leadership and Policy Studies, Division of,	Engineering, Ira A. Fulton School of. See also specific
368	degree programs and courses
Educational Opportunity Center, 282	academic organization of, 20
Educational Psychology	academic organization of, 20 academic standards of, 376
course descriptions, 370	accreditation of, 386, 856
at West campus, 750	admissions, 372, 384
Educational tax credits, 61	advising, 374
Educational Technology	Arts, Media, and Engineering (AME), 39
course descriptions, 370	Bioengineering, Harrington Department of, 386
at West campus, 756	centers and institutes of, 42, 371
Electrical Engineering	Chemical and Materials Engineering, Department of,
course descriptions, 419	392
Department of, 415	Civil and Environmental Engineering, Department of,
Electrical Engineering (BSE), 416	402
programs of study, 416	

Computer Science and Engineering, Department of,	Environmental analysis and programming, 323
409	course descriptions, 324
Construction, Del E. Webb School of, 379	Environmental chemistry concentration, 526
degree programs of, 375	Environmental Design and Planning
Electrical Engineering, Department of, 415	course descriptions, 318
Engineering (BSE, MEng), 258, 375, 376, 384	Environmental engineering
Engineering Special Studies (BSE), 434	as area of study in Chemical Engineering, 395
Fulton Undergraduate Research Initiative (FURI), 377	as concentration in Civil Engineering, 406
graduate programs in, 376	Environmental Research and Policy, Southwest Center for
graduation requirements, 381, 386	(SCERP), 51
Industrial Engineering, Department of, 421	Environmental Science and Ecology
InnovationSpace and, 41	concentration, 601
Institute for Studies in the Arts and, 42, 43	course descriptions, 611
joint bachelor's and master's degree, 377	Environmental Studies, Center for. See International
Mechanical and Aerospace Engineering, Department	Institute for Sustainability.
of, 425	Environmental Technology Management (BS), 265
premedical, 434	course descriptions, 267
probation, 377	EOC (Bank One Economic Outlook Center), 39
Professional Development, Center for, 371	EPRU (Education Policy Research Unit), 42
programs of study in, 385	EPSL (Education Policy Studies Laboratory), 42, 350
readmission, 373	Equal opportunity/affirmative action policies, 28
registration, 374	ESRI (Exercise and Sport Research Institute), 47
reinstatement, 377	Essential functional abilities of the undergraduate nursing
research centers of, 42	student, 176
SORP (Student Outreach and Retention Program), 378	Ethics
special programs, 377	Biology and Society, Center for, 45
undergraduate degrees, 375	certificate, 622
English	Joan and David Lincoln Center for Applied (LCAE), 48
at Polytechnic campus	Ethnic Studies Program at West campus, 698
English as a Second Language (ESL), 137	certificate, 699
at Tempe campus	course descriptions, 700
in American English and Culture Program, 73	Ethnicity, Race, and First Nations Studies (BA), 698
Business English certificate, 136	minor, 699
competency for international students, 73	Evaluation, Office of University, 37
course descriptions, 539	Evelyn K. Smith Music Theatre, 35
Department of, 537	Examination(s)
English (BA), 537, 697	for admission, 66
English as a Second Language (ESL), 137	Arizona Educators Proficiency Assessment, 350
graduate degrees, 539	comprehensive, 75
minor, 538	entrance, 75
placement examinations, 79	placement, 79
at West campus	proficiency, 75
· · · · · · · · · · · · · · · · · · ·	
course descriptions, 721	Exchange programs, 170. See also International
English (BA), 715 minor, 716	programs; Study abroad programs Exercise and Sport Research Institute (ESRI), 47
	Exercise and Wellness. See also Kinesiology
English/Spanish translation certificate, 583 Enriched College Degree certificate, 509	6,7
	course descriptions, 235
Enrollment. See also Admission(s); Registration	Department of, 233
continuous, 89	Exercise and Wellness (BS), 233
numbers, 28	graduate degrees, 235
at Polytechnic campus, 204	Exercise Biochemistry Lab, 47
types of, 83	Exercise Endocrinology Lab, 47
verification guidelines, 157	Expulsion, 87
for undergraduate, 82	Extended Education, School of,
Entrepreneurship, Small Business and, certificate, 294	administrative personnel, 849

certificate programs of, 136	Federal Pell Grant, 59
degree programs of, 656	Federal Perkins Loan, 60
directory, 898	Federal Supplemental Educational Opportunity Grant
distance learning, 135	(SEOG), 59
Downtown Center at ASU, 32	Federal Work-Study Program, 61
downtown partnerships, 138	Fee(s). See also Tuition
internet programs, 135	for application, 66
lectures, 138	for delinquent payments, 56
locations, 135	for dissertations, 54, 160
professional development certificates, 136	for instrument rental, 54
television courses, 135	for Nursing, College of, 180
tuition and fees, 134	for parking, 54
tuition and iees, 104	for private music instruction, 54
	for programs, 53
_	for returned checks, 55
F	
Facilities Con also Contex(s) and Instituto(s)	special, 53
Facilities. See also Center(s) and Institute(s)	for Student Health and Wellness Center, 285
Center for High Resolution Electron Microscopy	Summer Session, 56
(CHREM), 46	for theses, 54, 160
Design, College of, 313	for West campus, 660
Digital Media and Instructional Technologies (DMIT), 36	Fibers
Downtown Center at ASU Computer Lab, 32	concentration, 451
Goldwater Materials Science, 46	course descriptions, 460
Goldwater Materials Visualization (GMVF), 46	Film
for High-Pressure Research, 46	Film and Media Production concentration, 485
Ion Beam Analysis of Materials (IBeAM) Facility, 46	Film and Media Studies
Materials Facility (MF), 46	concentration, 545
Materials Science Electron Microscopy (MSEML), 46	course descriptions, 546
performing and fine arts, 34	Film and Video Studies minor or certificate, 711
research, 151	Film (BA), 485, 545
Secondary Ion Mass Spectrometry (SIMS), 46	Finance
University Dance, 36	at Polytechnic campus
Faculty and academic professionals	Agribusiness concentration, 207
Polytechnic campus, 767	at Tempe campus
Tempe campus, 772	course descriptions, 301
West campus, 837	Department of, 301
FAFSA (Free Application for Federal Student Aid), 59, 658	Finance (BS), 301
Faith Communities, 287	at West campus
Fall Service Plunge, 281	course descriptions, 675
Family and Human Development	Department of, 675
course descriptions, 544	Financial aid, 59
Department of, 544	in cooperative programs, 82
Family and Human Development (BS), 544	employment, 60
minor, 544	for Graduate Studies, Division of, 152
Family Educational Rights and Privacy Act of 1974, 87	grants, 59
defined, 26	loans, 60
Family studies	scholarships, 59
at Tempe campus	Student Financial Assistance Office, 66
concentration, 544	taxability of, 61
course descriptions, 545	at West campus, 658
at West campus	Financial Aid Trust fee, 53
•	Financial Aid Trust Grant, 60
course descriptions, 736 FAQs, 25	Financial Guarantee form, 154
•	,
Farce Side Comedy Hour, 281 Farmer Hiram Bradford, 29	Financial Management concentration, 670

Fine arts	Freedom of speech policies, 29
in General Studies requirement, 94	French
and performance facilities, 34	course descriptions, 587
Fine Arts, Katherine K. Herberger College of. See also	French (BA), 581
specific degree programs and courses	minor, 582
academic organization of, 20	Frequently Asked Questions, 25
academic standards, 440	Freshman Year Experience
accreditation of, 856	at Polytechnic campus, 205
admission to, 437	at Tempe campus, 279, 282
Art, School of, 442	Fulton ambassadors, 378
Arts, Media, and Engineering (AME), 39	Fulton Engineering School. See Engineering, Ira A. Fulton
course descriptions, 456	School of
Dance, Department of, 464	Fulton scholars, 378
degree programs of, 438, 439, 440	Fulton Undergraduate Research Initiative, 377
graduate programs in, 438	· · · · · · · · · · · · · · · · · · ·
Institute for Studies in the Arts, 39	
minors, 438	^
Music, School of, 470	G
organization of, 437	Galleria, The, 35
research centers of, 43	Gallery(ies). See Collections and galleries
special programs of, 440	Galvin Playhouse, Paul V., 35
teacher certification and, 438	Gammage, Grady, 30
Theatre and Film, Department of, 483	Gammage Memorial Auditorium, 35
Fine Arts Center, J. Russell and Bonita Nelson, 35	General aptitude requirements, 68
Fingerprint clearance requirements	General building construction concentration, 382
for Nursing, College of, 176	General information, 28
for student teaching, 356	General military courses (GMC), 515
Fire Service Management	General Studies, 89, 93
certificate, 136	abbreviations for, 95
concentration, 266	awareness areas, 94
course descriptions, 268	courses, 96
First-Year Composition requirements, 89, 539	at East College, 214
First-Year Seminar, 63	requirements, 95
FLASH bus, 55	transfer credit, 95
Fletcher Library, 33, 659	Geographic Information Science certificate, 161, 511, 549
Flight concentration, professional, 250	Geography
Food, agribusiness, and consumer products marketing	course descriptions, 549
concentration, 208	Department of, 547
Food and nutrition management concentration, 241, 242	Geography (BA, BS), 547
Food retailing concentration, 210	minor, 549
Food science concentration, 208	Geological Sciences
Food service management concentration, 243	course descriptions, 554
Foreign languages. See also Languages and Literatures,	at West campus, 702
Department of	Department of, 553
course descriptions, 585	Geological Sciences (BS), 553
Department of, 580	graduate degrees, 554
majors, 580	minor, 554
minors in, 582	Geotechnical engineering emphasis, 402
placement examinations in, 79, 585	degree requirements, 404
requirements for, 159	German
in Liberal Arts and Sciences, College of, 584	course descriptions, 589
Foreign study programs. See Study abroad programs	German (BA), 581
Forensics, 287	minor, 583
Fraternity(ies), 281	Gerontology
Free Application for Federal Student Aid (FAFSA), 59, 61	certificate in, 126, 686

course descriptions, 687	offered by Law, College of, 498
Interdisciplinary Studies (BIS) concentration, 126	offered by Liberal Arts and Sciences, College of, 501
minor in, 687	offered by Nursing, College of, 177
GFM (Golf and facilities management concentration), 209	at Polytechnic campus, 163, 247
Glendale Community College at West campus, 666 Global awareness, 94	offered by Public Programs, College of, 193
,	at Tempe campus, 163
Global Business	at West campus, 163, 679, 756
course descriptions, 676	Graduate Management Admission Test (GMAT) tutoring,
Global Business (BS), 669	285 Craduata Nursa Organization (CNO) 181
Global Institute of Sustainability, 51	Graduate Nurse Organization (GNO), 181
Global Management and Leadership, School of. See also	Graduate Record Exam (GRE) tutoring, 285
specific departments and degree programs	Graduate Studies, Division of, 150
academic organization of, 21, 667	academic integrity, 160
academic standards of, 668	academic membership, 860
Accounting, Department of, 671	academic organization, 20
admission to, 671	admission to, 153
degree programs, 667	classifications of, 155
Economics, Finance, Marketing, and Quantitative	advising, 152, 157
Business Analysis, Department of, 675	appeals on grades, 158
graduation requirements, 668	application, 154
Management, Department of, 676	certificates offered by, 151
Global Studies, School of, 556	classification of courses, 158
Global Technology and Development course descriptions,	course descriptions, 152
270	course load, 156
GMAT (Graduate Management Admission Test) tutoring,	degree requirements, 157
285	degrees offered by, 163
GNO (Graduate Nurse Organization), 181	interdisciplinary, 161
Goldwater Materials Visualization Facility (GMVF), 46	dissertations, 160
Golf and facilities management (GFM) concentration, 209	diversity programs of, 152
Golf management, professional (PGM)	English language requirement, 154
concentration, 208	enrollment verification, 157
course descriptions, 213	Financial Support Office, 152
Good standing, 86	foreign language requirements, 159
Grade point average (GPA), 83	format advising, 153
calculation, 85	general information, 150
defined, 26	grading, 157
Grades	Graduate Council, 153
academic standards and, 86, 155	interdisciplinary programs of, 151, 161
appeal procedures for, 85	international applicants, 154
at West campus, 655	library system, 151
definition of, 83	misconduct in research and creative activities, 160
optional systems, 83, 505	nondegree study, 151
Pass/Fail, 505	offices of, 153
requirements for graduation, 89	organization, 10
Grading system, 83	orientations, 153
Graduate Council, 153	at Polytechnic campus, 216
Graduate degrees. See also Graduate Studies, Division	procedures, 156
of, or specific schools and departments	professional degrees offered, 151
abbreviations for, 163	programs, 150
offered by Business, W. P. Carey School of, 291	publications program, 153
offered by Design, College of, 315	readmission, 155
offered by Education, College of, 361	registration, 156
offered by Engineering, Ira A. Fulton School of, 375	research facilities, 151
offered by Fine Arts, Katherine K. Herberger College of,	research programs of, 151
438	student academic services, 153
<del>-100</del>	otadoni adadonno servides, 150

student support services, 152	High Resolution Electron Microscopy, Center for
supervisory committees of, 159	(CHREM), 46
theses, 160	Higher and Postsecondary Education
transfer of credits, 159	course descriptions, 369
at West campus, 659	Higher Learning Commission, 855
withdrawal, 156	Hispanic Leadership Institute, 137
Graduation	Hispanic Mother/Daughter Program, 282
application from Graduate Studies, Division of, 160	Hispanic Research Center (HRC), 48
declaration of, 91, 654	Historical awareness, 94
fee, 56	History
requirements for, 89	of ASU, 29
from Barrett Honors College, 147	at Tempe campus
from West campus, 654	course descriptions, 559
Grady Gammage Memorial Auditorium, 35	Department of, 557
Grants, 59	graduate degrees, 558
Graphic Design	History (BA), 557, 697
course descriptions, 347	minor, 558
Graphic Design (BSD), 344	at West campus
programs of study in, 346	course descriptions, 723
Graphic Information Technology (BS), 265	History (BA), 717
course descriptions, 269	minor, 718
Graphics, technical, concentration, 266	History and Philosophy of Science
GRE (Graduate Record Exam) tutoring, 285	Biology and Society, Center for, 45
Greek (ancient)	certificate, 512, 602
course descriptions, 590	course descriptions, 607
	· · · · · · · · · · · · · · · · · · ·
foreign language requirement for, 584	Home Safe Violence Prevention and Advocacy Center,
Greek Life, 281	285
Guitar concentration, 474	Honor Code, 497
	Honors College, Barrett, 145, 663
	academic organization of, 19
Н	admission to, 146
Havasament nalisias 00	course classifications, 63
Harassment policies, 29	course descriptions, 148
Harrington Department of Bioengineering, 386	events for, 146
Harry Wood Gallery, 35	Lorraine Frank Office of National Scholarship
Hayden Library, 33	Advisement, 145
Hazardous Materials and Waste Management Program	Philosophy, Politics, and Law certificate, 148
certificate, 265	at Polytechnic campus, 203
HCDR (Herberger Center for Design Research), 41	programs for, 145
Health and Wellness Center, Student. See Campus Health	in Business, W. P. Carey School of, 295, 299
Service	in Design, College of, 317
Health insurance, 285	in Engineering, Ira A. Fulton School of, 379
Health Management and Policy, School of, 302	in Liberal Arts and Sciences, College of, 508, 536
Health Professions Advisory Committee, 700	in Nursing, College of, 180
Health promotion concentration, 233	In Public Programs, College of, 187
Health Science course descriptions, 578, 690	in Technology and Applied Sciences, College of, 248
Health Sector Management course descriptions, 302	research opportunities, 145
Healthcare Organizations and Society certificate, 295, 511	retention, 146
Heavy construction concentration, 382	transcript recognition for, 147
Hebrew course descriptions, 590	at West campus, 663
Help Desk/Consulting, 37	course descriptions, 664
Herberger Center for Design Research (HCDR), 41, 313	Hope Scholarship, 61
Herberger College of Fine Arts. See Fine Arts, Katherine	Housing and Urban Development (BSD), 337
K. Herberger College of	programs of study, 340
High-Pressure Research Facility, 46	

Housing for students, 25, 55, 172, 205. See also	Indigenous Teacher Preparation Program, 353
Residential Life	Indonesian course descriptions, 590
HRC (Hispanic Research Center), 48	Industrial Design
Hugh Downs School of Human Communication. See	course descriptions, 330
Communication, Hugh Downs School of Human	Industrial Design (BSD), 326
Human Health Studies,	programs of study, 329
course descriptions, 237	minor, 327
Faculty of, 237	Industrial Engineering
Human Health Studies (BA, BS), 237	course descriptions, 424
Human nutrition concentration, 242	Department of, 421
Human Origins, Institute of (IHO), 48	Industrial Engineering (BSE), 421
Human Services, College of, 677	program of study, 423
academic organization of, 677	Information Technology, 36. See also Computer-
accreditation of, 857	associated degrees
Communication Studies, Department of, 678	Digital Media and Instructional Technologies (DMIT), 36
Gerontology Program, 686	Initial Teacher Certification (ITC) Program, 350, 363. See
Nursing Program, 687	also Education (BAE)
Prelaw Minor program, 695	academic specializations, 289, 356
Recreation and Tourism Management, Department of,	academic standards for, 361
688	admission to, 350
research centers, 43	Apprentice Teacher Program (ATP), 351, 352, 357
Social Work, Department of 692	art education concentration, 448
Humanities	business specialization, 290
in General Studies requirements, 94	certification, 361
Humanities Research, Institute for, 48	courses, 355
	dance education concentration, 466
	Diné Teacher Education Program, 353
1	Early Childhood Interprofessional Program (ECD), 353
1	Elementary Education Partnership Program (EED), 353
IBeAM (Ion Beam Analysis of Materials Facility), 46	field experience requirements, 355
ID card, 54	Integrated Certification in Teacher Education (INCITE),
IGERT (Integrative Graduate Education and Research	354
Training), 51	Multilingual/Multicultural Program, 354, 358
IHO (Institute of Human Origins), 48	music education (BM), 471
IMES (Institute for Manufacturing Enterprise Systems), 41	programs of study, 363
Immigration Programs for International Faculty and	Secondary Education (SED), 354, 359
Scholars, Office of, 171	Special Education (SPE), 354
Immunization requirement, 74	Teacher Education for Arizona Mathematics and
for Nursing, College of, 176	Science (TEAMS), 354
IN-VSEE (Interactive Nano-Visualization for Science and	InnovationSpace, 41, 313
Engineering Education), 46	Installment plan for tuition, 53
InCISE (Institute for Computing and Information Science	Institute for Manufacturing Enterprise Systems (IMES), 41
and Engineering), 51	Institute(s). See Center(s) and Institute(s)
INCITE (Integrated Certification in Teacher Education),	Instruction Support Lab (IS), 36
354	Instructional Media course descriptions, 232
Income Tax Practitioners' Workshop, 137	Instructor-initiated drop of courses, 84, 156
Incomplete grade, 83	Instrumental concentration, 472
Independent learning courses, 361, 505	Instrumentation concentration, 256
Indian (American). See also Native Americans	Insurance
Indian Data Center, Labriola National American, 34	for international students, 74
Indian Education, Center for, 42, 350	medical
Indian education course descriptions, 366	at Tempe campus, 285
Indian Legal Clinic, 497	at West campus, 660
Indian Legal Program, 496	for Nursing, College of, 176
Journal of American Indian Education, 42	

Integrated Certification in Teacher Education (INCITE), Chicana and Chicano studies concentration, 533 354 Chinese concentration, 584 classical studies concentration, 511 Integrated circuit materials emphasis, 398 Integrated Natural Sciences, Department of, 700 communication concentration, 565 Integrated Studies (BA, BS), 508 computational mathematical sciences concentration, Integrative Graduate Education and Research Training 615 (IGERT), 51 creative writing concentration, 538 Integrative Studies dance concentration, 467 Applied Science (BAS), 705 design studies concentration, 327 course descriptions, 707 East European studies concentration, 513 Integrative Studies, Department of, 704 economics concentration, 536 Integrative Studies (BA), 697 in education, 361 minor in philosophy, 707 environmental resources concentration, 222 Intelligent Stage, 35, 39 ethics concentration, 622 Interactive Nano-Visualization for Science and family studies/child development concentration, 544 Engineering Education (IN-VSEE) project, 46 fire service management concentration, 267 Intercollegiate athletics, 287 food and nutrition management concentration, 241 Interdisciplinary Arts and Performance French concentration, 584 course descriptions, 711 geography concentration, 549 Interdisciplinary Arts and Performance, Department of, geological sciences concentration, 554 German concentration, 584 Interdisciplinary Arts and Performance (BA), 711 gerontology concentration, 126 Interdisciplinary Arts and Sciences, New College of, hazardous materials and waste management academic organization of, 20, 21, 696 concentration, 266 history and philosophy of science concentration, 602 course descriptions, 713 degree programs, 696 history concentration, 558 Ethnic Studies Program, 698 human nutrition concentration, 243 Integrative Studies, Department of, 704 international business studies concentration, 305 Interdisciplinary Arts and Performance, Department of, Islamic Studies concentration, 512 Italian concentration, 584 Language, Cultures, and History, Department of, 714 Japanese concentration, 584 Jewish studies concentration, 512 Mathematical Sciences and Applied Computing, Department of, 725 justice studies concentration, 573 Religious Studies Program, 729 kinesiology concentration, 578 Social and Behavioral Sciences, Department of, 734 landscape studies concentration, 322 Women's Studies Program, 730 language concentration, 584 Interdisciplinary Organizational Studies minor, 654 Latin American studies concentration, 513 Interdisciplinary programs, graduate, 161 linguistics concentration, 538 Interdisciplinary Studies, School of, 139. See also literature concentration, 538 Interdisciplinary Studies (BIS) mass communication concentration, 493 course descriptions, 140 mathematics concentration, 615 Interdisciplinary Studies (BIS), 126, 132, 139 medieval and Renaissance studies concentration, 513 African and African American studies concentration, microbiology concentration, 602 519 multimedia writing and technical communication American Indian studies concentration, 523 concentration, 239 anthropology concentration, 569 music concentration, 478 nonprofit/youth agency administration concentration, applied biological sciences concentration, 221 architectural studies concentration, 322 190 nutrition concentrations and, 243 art history concentration, 445 Asian Pacific American studies concentration, 524 philosophy concentration, 622 Asian studies concentration, 509 physics concentration, 626 astronomy concentration, 626 plant biology concentration, 602 biology concentration, 598 political science concentration, 631 business concentration, 289 at Polytechnic campus, 214 chemistry concentration, 529 psychology concentration, 636

public administration concentration, 193 quality analysis concentration, 294 recreation management concentration, 190 religious studies concentration, 639	International Studies certificate, 630 concentration, 631 Internet and Web Development concentration, 267
Russian and East European studies concentration, 513,	Internet courses, 135
584	Internships, 133
Scandinavian studies concentration, 514	in Barrett Honors College, 146
small business concentration, 226	in Business, W. P. Carey School of, 295, 307
social welfare concentration, 196	in Communications, 564
sociology concentration, 643	in Counseling and Consultation, 285
Southeast Asian studies concentration, 514	in Design, College of, 316
Spanish concentration, 584	in Engineering, Ira A. Fulton School of, 379
speech and hearing science concentration, 646	international, 296
statistics concentration, 615	in Liberal Arts and Sciences, College of, 501
at Tempe campus, 139	Interpreters Theatre, 287
theatre concentration, 487	Ion Beam Analysis of Materials (IBeAM) Facility, 46
tourism concentration, 190	IPO (International Programs Office), 170
translation concentration, 584	Ira A. Fulton Research Institute, 43
urban planning concentration, 338	Ira A. Fulton School of Engineering. See Engineering, Ira
wellness foundations concentration, 234	A. Fulton School of
women and gender studies concentration, 649	IRC (Intergroup Relations Center), 29
writing concentration, 538	IS (Instruction Support Lab), 36
Intergroup Relations Center (IRC), 29	ISA (Institute for Studies in the Arts), 39
Interior Design	Islamic Studies certificate, 512
course descriptions, 335	with Religious Studies major, 639
History	ISO (International Student Office), 282
Interdisciplinary Studies (BIS), 332	Italian (BA), 581
minor, 332	course descriptions, 590
Interior Design (BSD), 332	minor, 583
programs of study, 334	Iter, 44
Intermedia	
concentration, 451	_
course descriptions, 461	J
International agribusiness concentration, 208	
International Baccalaureate (IB) Diploma/Certificate, 75	J. Russell and Bonita Nelson Fine Arts Center, 35
International Business Studies	Japanese (BA), 581
certificate, 304	course descriptions, 591
with Economics major, 535	minor, 583
course descriptions, 305	Jazz concentration, 475
International programs, 282. See also Study abroad	Jewish Studies certificate, 512
programs	with History major, 558
course prefixes for, 64	with Religious Studies major, 639
International Programs Office (IPO)	Joan and David Lincoln Center for Applied Ethics (LCAE),
at Polytechnic campus, 203	48
at Tempe campus, 170	John F. Roatch Global Lectures in Social Policy and
at West campus, 659	Practice Lecture Program, 138
International Student Office (ISO), 282	John J. Ross-William C. Blakley Law Library, 33
International students	Joint Admission Continuous Enrollment, 64
admission of, 72, 154	Joint degrees. See Dual degree programs
to Engineering, Ira A. Fulton School of, 373	Journal of American Indian Education, 42
to Graduate Studies, Division of, 154	Journalism and Mass Communication, Walter Cronkite
enrollment of, 74	School of, 491
transfer credits, 70	admission to, 491
West campus services, 659	degree programs of, 492
	Journalism (BA), 492

Judicial Affairs, Student, 281  Jurimetrics Journal of Law, Science and Technology, 44  Justice Studies  course descriptions, 574  Justice and Social Inquiry, School of, 572  Justice Studies (BS, PhD), 573	Landscape Architecture course descriptions, 325 Landscape Architecture (BSLA), 318 programs of study, 337 Landscape Studies Interdisciplinary Studies (BIS), 322 minor, 315, 322 Languages, Cultures, and History, Department of, 714
K	Languages and Literatures, Department of, 580. See also
KAET Television, 36	Foreign languages certificates offered by, 583
KASC Radio, 287	graduate degrees, 584
Katherine K. Herberger College of Fine Arts. See Fine	majors, 580
Arts, Katherine K. Herberger College of	Las Casas, 662
Katzin Concert Hall, 35	Last Lecture Series, 280
Kerr Cultural Center, 35	Latin
Keyboard concentration, 475	course descriptions, 592
Kids' Evening Enrichment Program, 659	foreign language requirement for, 584
Kinesiology. See also Exercise Science and Wellness	Latin American Studies
course descriptions, 578	as Business, W. P. Carey School of, emphasis, 296
Department of, 576	center for, 48
Kinesiology (BS), 576	certificate in, 512
minor, 578	with Anthropology major, 569
Korean course descriptions, 592	with Economics major, 299, 535
	with Geography major, 547
•	with History major, 558
L	with Political Science major, 630
L. William Seidman Research Institute, 296	with Religious Studies major, 639 with Spanish major, 583
Laboratory(ies). See also Center(s) and Institutes and	Law. See also Law, College of
Facilities	prelaw business studies, 296
Center for High Resolution Electron Microscopy	prelaw minor program at West campus, 695
(CHREM), 46	preprofessional advising, 296, 500
Child Development Laboratory, 280	Law, College of, 496
Child Study Laboratory, 280	academic memberships of, 858
of Design, College of, 313	accreditation of, 856
Digital Media and Instructional Technologies (DMIT), 36	admission to, 497
Education Policy Studies (EPSL), 42	Center for the Study of Law, Science, and Technology,
Exercise and Sport Research Institute (ESRI), 47	496
Exercise Biochemistry, 47	Clinical Program, 497
Exercise Endocrinology, 47	degree programs of, 498
Goldwater Materials Science, 46	library, 496
Instructional Support (DMIT) Lab, 36	research centers, 44
Ion Beam Analysis of Materials (IBeAM) Facility, 46	special programs of, 496
Materials Facility (MF), 46	Law, Science, and Technology, Center for the Study of, 44,
Materials Science Electron Microscopy Laboratory	496
(MSEML), 46 Motor Control, 47	Law and Philosophy, Committee on, 497  Law Enforcement Management concentration, 267
Phoenix Urban Research Laboratory (PURL), 41	Law School Admission Test (LSAT) tutoring, 285
Scanning Probe Microscopy (SPM), 46	LCAE (Joan and David Lincoln Center for Applied Ethics),
Secondary Ion Mass Spectrometry (SIMS), 46	48
Sport and Exercise Psychology, 47	Leadership and Management concentration, 669
University Dance, 36	LEAP (Leveraging Educational Assistance Partnership),
Labriola National American Indian Data Center, 34	59

Learning and Teaching Excellence, Center for (CLTE), 38	organization of, 19, 500
course descriptions, 38	Philosophy, Department of, 622
Learning Communities, 508	Physics and Astronomy, Department of, 624
Learning Enhancement Center, 659	Political Science, Department of, 629
Learning Resource Center (LRC), 284	Psychology, Department of, 635
for Nursing students, 181	Religious Studies, Department of, 639
Learning Support Services, 282	research centers of, 44
Legal and Ethical Studies	Sociology, Department of, 642
course descriptions, 311	special programs in, 508
at West campus, 674	Speech and Hearing Science, Department of, 646
Legal Assistance, Student, 280	Women and Gender Studies Program, 648
Lesbian, Gay, Bisexual, and Transgender Studies	Liberal Studies (BLS), 508
certificate, 187	Library Information, Systems, and Technology, 33
Leveraging Educational Assistance Partnership (LEAP),	Library science course descriptions, 367
59	Library(ies)
Liberal Arts and Sciences, College of. See also specific	of Design, College of, 33, 313
departments and programs	of Institute of Human Origins, 48
academic memberships of, 858	Law, College of, 33, 496
academic organization of, 19	Polytechnic campus, 33, 202
academic standards for, 505	Tempe campus, 33
accreditation of, 856	West campus, 33, 659
admission to, 500	Life Sciences
advising, 500	School of, 597
Aerospace Studies, Department of, 515	Biology (BS), 597
African and African American Studies program, 517	Clinical Laboratory Sciences (BS), 598
· -	Conservation Biology (BS), 599
American Indian Studies Program, 522	
Asian Pacific American Studies Program, 524	graduate programs, 603
centers of, 44, 515	History and Philosophy of Science, certificate, 602
certificate programs of, 510	Interdisciplinary Studies (BIS), 602
Chemistry and Biochemistry, Department of, 525	Microbiology (BS), 599
Chicana and Chicano Studies, Department of, 533	minor, 602
CLASworks, 501, 508	Molecular and Cellular Biology, 603
Computational Biosciences, 535	Molecular Biosciences and Biotechnology (BS), 600
concentrations of, 502	Plant Biology (BS), 600
degree programs of, 501, 506	Secondary Education (BAE), 603
graduate, 501	at West campus
undergraduate, 502	course descriptions, 702
Economics, 535	Life Sciences (BS), 697
English, Department of, 537	minor, 701
Family and Human Development, Department of, 544	Lifetime Learning tax credits, 61
Film and Media Studies, 545	Lincoln Center for Applied Ethics (LCAE), Joan and David,
Geography, Department of, 547	48
Geological Sciences, Department of, 553	Linda Haskell Memorial Master Class on Current Social
Global Studies, School of, 556	Events, 138
History, Department of, 557	Linguistics
Human Communication, Hugh Downs School of, 564	course descriptions, 543
Human Evolution and Social Change, School of, 567	interdisciplinary program, 538
Integrated Studies, 508	Loans, 60
Justice and Social Inquiry, School of, 572	Lorraine W. Frank Office of National Scholarship
Kinesiology, Department of, 576	Advisement, 145
Languages and Literatures, Department of, 580	Louise Lincoln Kerr Cultural Center, 35
Life Sciences, School of, 597	Low Power Electronics (CLPE), Center for, 43
majors of, 502	LRC (Learning Resource Center), 284
Mathematics and Statistics, Department of, 612	LSAT (Law School Admission Test) tutoring, 285
Military Science, Department of, 620	Lyceum Theatre, 35

M	in General Studies Requirement, 89, 93
	graduate degrees, 616
Macedonian course descriptions, 592	Mathematics (BA, BS), 612
Management	Actuarial science concentration, 615
of agribusiness concentration, 208	Statistics concentration, 614
course descriptions, 308	minor, 615
at West campus, 676, 727	placement examinations in, 79
Department of, 306	and Statistics, Department of, 612
at West campus, 676	at West campus
Global Management and Leadership, School of, 667	course descriptions, 727
graduate degrees, 308	Mathematical Sciences and Applied Computing,
Management (BS), 307	Department of, 725
programs of study in, 307	minor, 726
School of, 857	Matthews, Arthur John, 33
Management of agribusiness concentration, 208	Mechanical and Aerospace Engineering
Manufacturing and materials processing emphasis, 398	Aerospace Engineering (BSE), 426
Manufacturing Engineering Technology (BS), 260	course descriptions, 431
concentration, 260	Department of, 425
Manufacturing Enterprise Systems, Institute for (IMES), 43	integrated BSE-MS program, 425
Manufacturing Technology and Management	Mechanical Engineering (BSE), 429
concentration, 261	Mechanical and Manufacturing Engineering Technology
Map Collection, 33	course descriptions, 262
Maps	Department of, 259
of Polytechnic campus, 277	Mechanical Engineering (BSE), 429
of Tempe campus, inside back cover	program of study, 431
of West campus, 757	Mechanical Engineering Technology (BS), 260
Margaret Francis Disability Resource Center (DRC), 658	concentration, 260
Marketing	Mechanical metallurgy emphasis, 398
concentration, 670	Media Center, 313
course descriptions, 309	Mediation Clinic, 497
at West campus, 675	Medical technology course descriptions, 607
Department of, 309	Medical withdrawal, 84
food, agribusiness, and consumer products marketing,	Medicinal chemistry concentration, 528
208	Medieval and Renaissance Studies certificate, 513
Marketing (BS), 309	with History major, 558
at West campus, 675	Medieval and Renaissance Texts and Studies (MRTS), 44
Martin Luther King Jr. Day of Service, 281	Mediterranean Studies, 44
Mass Communication. See Journalism and Mass	Memorial Union (MU), 279
Communication, Walter Cronkite School of	Mental health services. See Counseling services
Master's degrees. See Graduate degrees	Metallic materials systems emphasis, 398
Materials emphasis, 395	Metals
Materials Joining and Manufacturing Technology	concentration, 452
concentration, 261	course descriptions, 461
Materials Research Science and Engineering Center	Meteorite Studies, Center for, 45
(MRSEC), 46	Meteorology-climatology concentration, 548
Materials Science and Engineering (BSE), 396	Microbiology
areas of study, 398	course descriptions, 608
course descriptions, 400	Microbiology (BS), 599
course requirements, 397	minor, 602
programs of study, 398	Microelectronics concentration, 255
Materials Science Electron Microscopy Laboratory	Microelectronics engineering technology course
(MSEML), 46	descriptions, 257
Mathematics	Microfilm fee, 54
at Tempe campus	Midterm report, 86
course descriptions, 616	Military members and residency classification, 57

Military officer training, 130, 508 Military Science (Army ROTC). See also ROTC Studies	Performance major, 474 private instruction fee, 54
Department of, 620	special programs of, 440
Minority Engineering Program, 378	Theory and Composition major, 477
Minors, 92, 126, 127. See also specific degree programs	student activities, 287
Misconduct in scholarly research and creative activities,	Music Theatre, 35
160	
Molecular and cellular bioengineering emphasis, 390	
Molecular and Cellular Biology	N
course descriptions, 608	
Molecular Biosciences and Biotechnology (BS), 600	National Food and Agricultural Policy Project (NFAPP),
Molecular biosciences/biotechnology course descriptions,	206
608 Marriago Instituto for Rublio Policy 50	National Scholarship Advisement, Lorraine W. Frank
Morrison Institute for Public Policy, 50	Office of, 145 Native Americans
Morrison School of Agribusiness and Resource  Management. See Agribusiness and Resource	Achievement Program, 282
Management, Morrison School of	American Indian Students United for Nursing (ASUN)
Motor Control Lab, 47	181
MRSEC (Materials Research Science and Engineering	American Indian Studies Program, 522
Center), 46	Diné Teacher Education Program, 353
MRTS (Medieval and Renaissance Texts and Studies), 44	Indian Education, Center for, 42, 350
MSC (Multicultural Student Center), 282	Indian Legal Program, 496
MSEML (Materials Science Electron Microscopy	Journal of American Indian Education, 42
Laboratory), 46	Labriola National American Indian Data Center, 34
MU (Memorial Union), 279	residency classification policy for, 58
Multicultural Student Center (MSC), 282	Student Services Office at West campus, 659
Multicultural Student Services (MSS), 659	Summer Institute, 282
Multilingual/Multicultural Education Program program of	Natural Sciences in General Studies requirements, 94
study, 358	Navajo teacher program, 353
Multimedia Writing and Technical Communication	NCLEX-RN requirements, 175
certificate, 239	Nelson Fine Arts Center, 35
course descriptions, 239	New College of Interdisciplinary Arts and Sciences. See
Faculty of, 238	Interdisciplinary Arts and Sciences, New College of
Multimedia Writing and Technical Communication (BAS,	Noble Science and Engineering Library, 33
BS), 238	Nondegree admission
Municipal operations management concentration, 267	graduate, 151, 155
Museum Studies	undergraduate, 74
certificate, 510, 513	Nonprofit Leadership and Management
concentration, 446	Center for (CNLM), 49, 187
Music	Certificate Program, 187
concentration, 478	course descriptions, 190
course descriptions, 478	Nonprofit Youth and Human Service Leadership and
at West campus, 751	Management certificate, 190
Music (BA, BM), 471	Normal School of Arizona, 29
School of, 470	North Central Association, 855
admission to, 470	Northlight Gallery, 35
degree programs of, 471	Norwegian course descriptions, 592
diagnostic examinations, 471	Notification of admission, 75
graduate programs in, 478	Numbering system for courses, 62
instrument rental fee, 54	Nursing, College of, 174
library of, 33	academic organization of, 20
minor, 478	academic standards of, 179 accreditation of, 855
Music Education, 471 Music Theatre, 476	admission to, 174
Music Theatre, 476  Music Therapy, 473	adiliosion to, 174
music Hicrapy, T/O	

American Indian Students United for Nursing (ASUN),	Parking
181	at Tempe campus
American Museum of, 181	fees, 54
Arizona State Board of Nursing requirement, 175	refunds of, 56
centers, 180	Summer Session, 172
course descriptions, 182	violations, 55
degree programs of, 178	at West campus, 660
fees for, 180	Partnership in Baccalaureate Education, 201, 214
fingerprint clearance requirements for, 176	Pass/fail enrollment, 83
grading policy, 180	in Engineering, Ira A. Fulton School of, 374
health requirements for, 176	in Liberal Arts and Sciences, College of, 505
honors, 180	Passport Acceptance Office, 33
insurance requirements, 176	Paul V. Galvin Playhouse, 35
Nursing (BSN, MS), 176, 177	Payments, tuition, 55
Nursing Students for Ethnic and Cultural Diversity, 181	Pell Grant, 59
organization of, 174	Performance
Registered Nurse (RN) programs, 177	dance concentration, 466
admission to, 175	music, 474
degree requirements, 179	Performing arts facilities, 34
special programs, 180	Perkins Loan, 60
Nutrition	Personally identifiable information, 88
concentrations, 241	Petition for variance, 91
course descriptions, 243	PGM (Professional Golf Management), 208
Department of, 240	Philosophy
minor, 242	at Tempe campus
Nutrition (BS), 240	course descriptions, 623
	Department of, 622
	Philosophy (BA), 622
0	at West campus
0	course descriptions, 708
Occupational therapy and WICHE, 130	minor, 707
Office of University Evaluation, 37	Philosophy, Politics, and Law certificate, 148
Omnibus course abbreviations, 63	Phoenix Urban Research Laboratory (PURL), 41
Online courses, 135	Photography
Open Horizons, 280	course descriptions, 462
Opera option, 475	specialization, 454
Operations and Production Management	Photosynthesis, Center for the Study of Early Events in, 46
course descriptions, 676	Physical education concentration, 229
Operations management technology (BS, BAS), 265	course descriptions, 232
course descriptions, 270	Physical geography course descriptions, 552
Optometry and WICHE, 130	Physical sciences course descriptions, 627
Orchestral instrument concentration, 476	Physician assistant, WICHE program for, 130
Organ Hall, 35	Physics
Organization, academic, 19	and Astronomy, Department of, 624
Orientations, 153	course descriptions, 627
Osteopathy and WICHE, 130	at West campus, 707
	minor, 625
	Physics (BS), 624
P	Piano, collaborative concentration, 476
	Pilot training, 250
Painting	Placement auditions
concentration, 453	for dance, 464
course descriptions, 462	for music, 470
Panhellenic councils, 281	Placement examinations, 79
Parent Loan for Undergraduate Students (PLUS), 60	for foreign language requirements, 585

Planning, School of, 337	Freshman Year Experience, 205
admission to, 338	health center, 204
degree programs of, 337	history of, 200
graduate degrees, 338	Honors College programs, 203
portfolio requirements for, 338	housing and residential life, 205
program of study, 337	Human Health Studies, Faculty of, 237
Plant biochemistry and molecular biology	library services, 202
concentration, 601	map of, 277
course descriptions, 611	Mechanical and Manufacturing Engineering
Plant Biology	Technology, Department of, 259
concentrations, 601	Morrison School of Agribusiness and Resource
course descriptions, 610	Management, 206
Plant Biology (BS), 600	Multimedia Writing and Technical Communication,
PLUS (Parent Loan for Undergraduate Students), 60	Faculty of, 238
Political Science	Nutrition, Department of, 240
at Tempe campus	organization of, 19, 200
course descriptions, 632	Physical Activity Center, 204
Department of, 629	recreation facilities, 204
minor, 630	student services, 204
Political Science (BA, BS), 629	Student Union, 204
at West campus	Technology and Applied Sciences, College of, 245
course descriptions, 738	Technology Management, Department of, 264
minor, 732	transfer to West campus, 658
Political Science (BA, BS), 731	Portuguese
Polymers and composites engineering emphasis, 398	course descriptions, 593
Polytechnic campus, 41. See also specific colleges,	foreign language requirement for, 585
programs, and schools	Postbaccalaureate programs
Academic Resource Center, 203	certificates, 131
accreditation of, 200, 855	in education
administrative personnel, 849	at Polytechnic campus, 228
admission to, 201	at Tempe campus, 350, 351, 352, 354, 361
advising, 202	at West campus, 745, 756
Aeronautical Management Technology, Department of,	Pre-health professions advising, 500
249	Prefix index for courses, 7
Agribusiness and Resource Management, Morrison	omnibus courses, 63
School of, 206	specialized, 64
Applied Biological Sciences, Department of, 219	Prelaw
Applied Psychology, Faculty of, 224	advising, 501
Business Administration, Faculty of, 225	prelaw minor program at West campus, 654, 695
career services, 286	studies, 296
centers of, 41	Premedical studies
child care, 205	and biomedical engineering emphasis, 395
computing services, 202	and Engineering Special Studies (BSE), 434
Computing Studies, Division of, 271	Preparing Future Faculty Program, 150
counseling services, 204	Preprofessional advising, 500
degree programs of, 13	Prerequisite defined, 27
directory of, 899	Preschool of College of Education, 280
East College, 214	Preveterinary medicine concentration, 209
Education, Faculty of, 227	Printmaking
Electronics and Computer Engineering Technology,	concentration, 455
Department of, 254	course descriptions, 463
Engineering, Department of, 258	Prism Theatre, 35
enrollment, 204	Probation, academic, 87
Exercise and Wellness, Department of, 233	Process engineering emphasis, 395
faculty and academic professionals, 767	Professional Continuing Education, 32

Professional Development, Center for, 371 Traveling Scholar, 82 Professional Field Experiences, Office of, 350 Upward Bound, 282 Professional flight concentration, 250 Veterans Upward Bound, 282 Professional golf management (PGM) Washington Semester, 508 concentration, 208 Project 1000, 48 course descriptions, 213 Psychological services. See Counseling services Professional Nursing Program. See Nursing, College of Psychology at Polytechnic campus Professional officer courses (POC), 516 Professional Student Exchange Program, 130 course descriptions, 225 Professional Teacher Preparation Program. See Initial Psychology, Applied (BS), 224 Teacher Certification program at Tempe campus Program(s). See also Degree programs course descriptions, 636, 638 Academic Program Promoting Leadership Enrichment Department of, 635 and Service, 282 in Education, Division of, 369 Academic Success, 133 Psychology (BA, BS), 635, 697 Adult Re-entry, 282 at West campus course descriptions, 737 African and African American Studies, 517 America Counts, 132 minor, 733 America Reads, 132 Psychology (BA, BS), 732 American English and Culture Program (AECP), 73 Public Administration and Public Management certificate, American Humanics Program, 49, 188, 190 192 American Indian Studies, 522 Public Affairs Asian Pacific American Studies, 524 course descriptions, 193 Asian Studies, 294 School of, 192 assessment of, 37 Public Defender Clinic, 497 of Barrett Honors College, 145 Public Programs, College of, 184. See also specific degree Bridge Discount, 285 programs and courses of Business, W. P. Carey School of, 294 academic membership of, 857 for children, 280 academic organization of, 20 Clinics, of Law, College of, 497 academic standards of, 187 Co-Curricular Programs and Activities (CCPA), 280 admission to, 184 Community Service, 281 advising, 185 Creative Writing, 161 centers of, 49, 187 Distance Learning, 135 Community Resources and Development, School of, 189 of Engineering, Ira A. Fulton School of, 377 degree programs of, 185 fees for, 53 graduation requirements, 185 of Graduate Studies, Division of, 150 Morrison Institute for Public Policy, 50 Immigration, for International Faculty and Scholars, 171 organization of, 20, 184 Indian Legal Program, 496 Public Affairs, School of, 192 International, 170 research centers of, 49 Kids' Evening Enrichment Program (KEEP), 659 Social Work, School of, 193 of Law, College of, 496 special programs of, 187 of Liberal Arts and Sciences, College of, 508 Public Relations and Strategic Communications National Food and Agricultural Policy, 206 minor, 680 Nonprofit Leadership and Management, 187 PURL (Phoenix Urban Research Laboratory), 41, 313 of Nursing, College of, 180 peer mentoring, 282, 283, 665 Preparing Future Faculty, 152 Preparing Future Professionals, 152 Professional Student Exchange Program, 130 Quality Analysis certificate, 294 of Public Programs, College of, 187 with Economics major, 535 Rodel Community Scholars, 295 Quantitative business analysis Service Learning, 132 course descriptions Small Business Program, 294 at Tempe campus, 301 Student Leadership Program, 281 at West campus, 675

Department of Economics, Finance, Marketing, and	University Registrar's Office, 66
Quantitative Business Analysis	Reinstatement, 87
at West campus, 675	Religion and Conflict, Center for the Study of, 47
	Religious accommodations, 281
	Religious Studies
R	at Tempe campus
• •	course descriptions, 640
Radio Station KASC, 287	Department of, 639
REACH, 281	Religious Studies (BA), 639
Reading education	at West campus, 729
course descriptions, 367	course descriptions, 729
at West campus, 729, 751	Remedial enrollment, 84
Readmission, 80	Repeating courses, 85
deadline, 67	Reports. See also Grades, Records
to Engineering, Ira A. Fulton School of, 373	ASU Report Card, 38
to Graduate Studies, Division of, 155	midterm, 86
Real Estate	Research. See also Center(s) and Institute(s);
Center (AREC), Arizona, 41	Laboratory(ies)
continuing education, 137	facilities, 151
course descriptions	programs, 151
at Polytechnic campus, 227	Research Extensive Status, 28
at Tempe campus, 302	Research on Education in Science, Mathematics,
Real Estate (BS), 226	Engineering, and Technology, Center for
Recital Hall, 35	(CRESMET), 39
Records, 87	Research opportunities, undergraduate, 145
access to, 88	Research Park, 32
holds on, 86	Residence halls. See Residential Life
Recreation. See also Recreational facilities	Residency classification, 57
at Tempe campus	Residential construction concentration, 382
concentration, 189	Residential Life
course descriptions, 191	housing fees, 55
minor, 190	at Polytechnic campus, 205
Recreation (BS), 189	Summer Sessions, 172
at West campus	at Tempe campus, 279
course descriptions, 691	at West campus, 660
Recreation and Tourism Management (BS), 688	Restoration ecology, wildlife and, concentration, 221
and Tourism Management, Department of, 688	Retention, 86
Recreational facilities	in Barrett Honors College, 146
at Polytechnic campus, 204	in Design, College of, 315
at Tempe campus, 286	Rhodes Lecturer, 146
at West campus, 688	Risk Management, Student, 281
Recreational sports, 286	Rodel Community Scholars Program, 295
REESC (Russian and East European Studies Center), 49	Romanian
Refugees, residency classification policy, 57	course descriptions, 593
Refunds, 56	foreign language requirement for, 585
Regents' Professors, 758	ROTC studies
Registered Nurse (RN) programs. See also Nursing,	in Engineering, Ira A. Fulton School of, 379
College of	in Liberal Arts and Sciences, College of
admission to, 175	Air Force, 515
course requirements, 178	Army, 620
Registration, 66, 81	in Nursing, College of, 181
continuing, 63	in Technology and Applied Sciences, College of, 248
fees for, 81	Russian
late fee for, 54	course descriptions, 593
Summer Sessions, 172	minor, 583
···-· · · · -	,

Russian (BA), 582	specializations
Russian and East European Studies Center (REESC), 49	anthropology, 569
Russian and East European Studies certificate, 513	biological sciences, 220, 603
with History major, 558	business, 290
with languages major, 583	chemistry, 529
with Religious Studies major, 639	economics, 299, 536
	English, 538
	family and human development, 544
S	foreign languages, 584
3	geography, 549
SAM (Social and Academic Mentor Program), 152	history, 558
SAT (Scholastic Aptitude Test), 67	mathematics, 615
Satisfactory academic progress, 87	physical education, 228
Satisfactory grade, 83	physics, 626
Scandinavian Studies	political science, 631
certificate, 513	social studies, 558, 631
with languages major, 583	Secondary Ion Mass Spectrometry (SIMS) laboratory, 46
course descriptions, 594	Security engineering technology, 249
Scanning Probe Microscopy Laboratory (SPM), 46	Seidman Research Institute, L. William, 41, 296
Scenography concentration, 485	Semester course codes, 62
SCERP (Southwest Center for Environmental Research	Semiconductor processing emphasis, 395
and Policy), 51	Semiconductor technology concentration, 256
Schedule of Classes, 62, 81	SEOG (Federal Supplemental Educational Opportunity
Scholarly Publishing course descriptions, 563	Grant), 59
Scholarship(s), 59	Serbo-Croatian course descriptions, 587
for Air Force ROTC, 516	Service Learning Program, 132. See also Internships
for Army ROTC, 620	Service programs, 281
Lorraine W. Frank Office of National Scholarship	Services Leadership, Center for (CSL), 40
Advisement, 145	Shuttle bus service
Science Math Engineering Competition Awards	at Polytechnic campus, 204
(SMECA) scholarships, 378	at Tempe campus, 55
for Technology and Applied Sciences, College of, 248	at West campus, 657
Scholastic Aptitude Test (SAT), 67	Sigma Theta Tau, 181
Science, history and philosophy of, courses, 607	SIMS (Secondary Ion Mass Spectrometry), 46
Science and Engineering Library, Daniel E. Noble, 33	Slavic course descriptions, 594
Science and Engineering of Materials	Small Business
course descriptions, 161	and Entrepreneurship certificate, 294
Science and Engineering of Materials (PhD), 161	minor, 226
Science and Technology Law certificate, 131	SMECA (Science Math Engineering Competition Awards)
Science Math Engineering Competition Awards (SMECA)	scholarships, 378
scholarships, 378	Smith Music Theatre, Evelyn K., 35
Sculpture	SNA (Student Nurses' Association), 181
concentration, 456	Social and Academic Mentor Program (SAM), 152
course descriptions, 463	Social and Behavioral Sciences
SDTV (Sun Devil Television), 286	course descriptions, 740
Secondary Education,	Department of, 730
Applied Biological Sciences (BS), 220, 230	minor, 731
course descriptions	Social and Behavioral Sciences (BA, BS), 697
at Polytechnic campus, 233	Social and Philosophical Foundations of Education
at Tempe campus, 367	course descriptions, 369
at West campus, 753	Social Policy and Practice Lecture Program, John F.
Secondary Education (BAE)	Roatch Global Lectures in, 138
at Polytechnic campus, 228	Social Sciences
at Tempe campus, 359	in General Studies requirements, 94
at West campus, 752	in Secondary Education program area, 558, 569

Social Welfare minor, 196 Social Work	Speaking Proficiency English Assessment Kit (SPEAK), 154
Department of, at West campus, 692	Special Education
course descriptions, 694	course descriptions
Social Work (BSW), 692	at Polytechnic campus, 233
School of, at Downtown campus, 193	at Tempe campus, 367
academic standards, 198	at West campus, 754
accreditation of, 855	Professional Teacher Preparation (SPE), 354
admission to, 194	Special Education (BAE)
course descriptions, 198	at Tempe campus, 360
degree programs of, 186, 195	at West campus, 753
Early Intervention Certificate, 196	Special Education (MEd), 756
field instruction, 197	Special Events Management minor, 711
organization of, 193	Special studio art course descriptions, 464
Social Work (BSW), 194	Specialty construction concentration, 382
Sociocultural Anthropology minor, 735	Speech and Hearing Science
Sociology	course descriptions, 646
at Tempe campus	Department of, 646
·	Speech and Hearing Science (BS), 646
course descriptions, 643	
Department of, 642	SPM (Scanning Probe Microscopy Laboratory), 46
minor, 643	Sport and Exercise Psychology Lab, 47
Sociology (BA), 642	Sports
at West campus	intercollegiate, 287
course descriptions, 741	recreational, 286
minor, 734	Stafford Student Loans, 60
Sociology (BA, BS), 733	STAR (Sustainable Technologies, Agribusiness, and
Software engineering concentration, 410	Resources Center), 42
Solid State Electronics Research (CSSER), Center for, 43	Stardust Center for Affordable Homes and the Family, 5
Solid State Science, Center for, 45	State Press, 286
SORC (Student Organization Resource Center), 280	Statistics
Sorority(ies), 281	certificate, 128
SORP (Student Outreach and Retention Program), 378	concentration, 614
Southeast Asian Studies certificate, 514	course descriptions, 619
with Geography major, 548	and probability course descriptions
with History major, 558	at Tempe campus, 619
with languages major, 583	at West campus, 728
with Religious Studies major, 639	Statistics (MS), 161
Southwest Center for Education Equity and Language	Step Gallery, 36
Diversity, 42, 350	Steps from admission to registration, 74
Southwest Center for Environmental Research and Policy	Strategic Supply Research, Center for (CAPS), 40
(SCERP), 51	Strategies for Success series, 152
Southwest Interdisciplinary Research Center, 50	String concentration, 472
Spa Management certificate, 235	Structures/Materials Engineering
Spanish	area of study, 402
at Tempe campus	degree requirements, 404
course descriptions, 595	Student Advocacy and Assistance, 284
minor, 583	Student antiretaliation statement, 29
Spanish (BA), 582	Student Code of Conduct, 65, 281
at West campus	Student counseling. See Counseling services
course descriptions, 724	Student Development, 279
minor, 719	Student Employment Office, 60
Spanish (BA), 719	Student enrollment numbers, 28
Spanish/English translation certificate, 583	Student Financial Aid Trust Grant, 60
Sparky's Den, 280	Student Financial Assistance Office, 66

Student health Student Life, 281 at Polytechnic campus, 204 Student Media, 286 at Tempe campus, 285 Student Organization Resource Center (SORC), 280 at West campus, 660 Student Recreation Complex (SRC), 286 Student Health and Wellness Center. See Campus Health Student Risk Management, 281 Service Sun Devil Involvement Center (SDIC), 280 Student housing. See Housing for students; Residential at Tempe campus, 284 Testing Services at West campus, 661 Student Judicial Affairs, 281 Testprep@ASU, 285 Student Legal Assistance, 280 Upward Bound Program, 282 Student Media, 286 Veterans Upward Bound Program, 282 Wellness and Health Promotion, 285 Student Nurses' Association (SNA), 181 Student Organization Resource Center (SORC), 280 at West campus, 657 Student Services, Office of, 350 Student Outreach and Retention Program (SORP), 378 Student Recreation Complex (SRC), 286 Student teaching fee for. 53 at Tempe campus, 355 Student Risk Management, 281 at West campus, 746 Student services. Student Union at Polytechnic campus, 204 Adult Re-entry, 282 Studies in the Arts, Institute for (ISA), 39 Arizona Prevention Resource Center (APRC), 286 Studio Art Associated Students of Arizona State University concentration, 447 (ASASU), 280 course descriptions, 460 Bridge Discount Program, 285 Study abroad programs, 67 Career Services, 286 Asian Studies, Center for, 44 Business, W. P. Carey School of, 296 Career Testing Services (CTS), 285 Child and Family Services, 280 course prefixes for, 64 Co-Curricular Programs and Activities (CCPA), 280 Design, College of, 316 Community Service Program, 281 Honors College, Barrett, 145 Counseling and Consultation, 284 International Business Studies, 305 Crisis Intervention, 284 International Programs Office, 170 Danforth Chapel, 281 Latin American Studies, Center for, 48 Dean of Students Office, 284 Russian and East European Studies Center, 49 Disability Resource Center, 282 Suicide Prevention Center, Inc. (EMPACT), 284 Educational Development, 282 Summer Bridge program, 133 Educational Opportunity Center, 282 Summer sessions, 172 Faith Communities, 287 course load for, 81 Freshman Year Experience, 282 fee for, 53 Greek Life, 281 refunds for, 56 health, 204, 285, 660 Sun Card, 54 health insurance, 285 Sun Devil Involvement Center, 280 Intercollegiate Athletics, 287 Sun Devil Television (SDTV), 286 International Student Office (ISO), 282 SunDial, 59, 66 Learning Resource Center (LRC), 284 Sundome Center for the Performing Arts, 36 Learning Support Services, 282 Supervisory Committee, Graduate, 159 Memorial Union (MU), 279 Supplemental Educational Opportunity Grant, Federal Multicultural Student Center, 282 (SEOG), 59 Supply Chain Management at Polytechnic campus, 204 recreational sports, 286 course descriptions, 312 Residential Life, 172, 205, 279, 660 Department of, 311 Student Advocacy and Assistance, 284 Supply Chain Management (BS), 311 Student Affairs, 279, 660 Suspension, 87 Student Development, 279 Sustainable Technologies, Agribusiness, and Resources student involvement opportunities, 287 Center (STAR), 42 Student Judicial Affairs, 54 Suvannabhumi, 45 Student Legal Assistance, 280 Swedish course descriptions, 596

Swetman, Ralph W., 30	special programs of, 248
Swimming pool, 286	Technology Management, Department of, 264
Symbolic Systems certificate, 514	Technology-Based Learning and Research, 350
	Technology Development Studio, 39
	Technology Entrepreneurship certificate, 378
T	Technology Management, Department of, 264
	Technology-supported degree programs, 135
Taxes	Technology Ventures Clinic, 497
credits on, 61	Telecommunications concentration, 254
on financial aid, 61	Television
Teacher certification, 228, 355. See also Education,	courses, 135
College of; Initial Teacher Certification (ITC) program;	KAET (Channel 8), 36
specific degree programs	Sun Devil Television (SDTV), 286
Teacher Education and Certification Highway + Master's	Tempe campus, 32
(TEACH+ME), 351	academic organization of, 19
Teacher Education and Leadership, College of. See also	administrative personnel, 845, 850
specific departments and programs	degree programs of, 13. <i>See</i> Degree program(s)
academic organization of, 20, 745	directory of, 900
academic policies, 747	faculty and academic professionals, 772
admission, 745	map, inside back cover
certification, 745	Standards Committee, 91
course descriptions, 751	transfer to Polytechnic campus, 201
Elementary Education, Department of, 745	transfer to West campus, 653
field experiences, 746	Test of English as a Foreign Language (TOEFL), 73, 154
Graduate Studies and Professional Development,	Test of Spoken English (TSE), 154
Department of, 756	Testing Services at West campus, 661
Secondary Education, Department of, 752	Testprep@ASU, 285
Special Education, Department of, 753	Test(s). See Examination(s)
transfer, 746	Thai course descriptions, 596
Teacher Education for Arizona Mathematics and Science	Theatre
(TEAMS), 354	concentration, 475
Teacher residency classification, 58	course descriptions, 487
TEACH+ME (Teacher Education and Certification	at West campus, 714
Highway + Masters), 351	facilities, 34
TEAMS (Teacher Education for Arizona Mathematics and	and Film, School of, 483
Science), 354	graduate programs in, 487
Technical graphics concentration, 266	special programs of, 440
Technology and Applied Sciences, College of, 245. <i>See</i>	student activities in, 287
also specific departments and programs	Theatre (BA), 484
academic standards of, 248	Theory (Music) concentration, 477
accreditation of, 855	Therapeutic Recreation, 189
admission to	Theses
Bachelor of Applied Science degree, 251	binding fee for, 160
Bachelor of Science degree, 246	formats of, 153
advising for, 247	Third-party sponsor billing, 55
Aeronautical Management Technology, Department of,	TOEFL (Test of English as a Foreign Language), 73, 154
249	Tourism
Computing Studies, Division of, 271	management concentration, 189
	,
degree programs of, 245 Electronics and Computer Engineering Technology,	Management minor, 690
, , ,	Recreation and Tourism Management (BS), 678
Department of, 254	Transcripts
Engineering, Department of, 258	admission and, 67
Mechanical and Manufacturing Engineering	defined, 27
Technology, Department of, 259	fees for, 54, 56
organization of, 20, 245	honors recognition, 147

refunds for, 56	at West campus, 653
requests for, 86	academic organization of, 21
Transfer centers for West campus, 653	Academic Success at the University, 133
Transfer credits. See Credit(s), academic	at Polytechnic campus, 203
Transfer students	at Tempe campus, 132
admission deadline, 67	at West campus, 665
credits accepted. See Credit(s), academic	at Polytechnic campus, 202
Translation certificate, 583	at Tempe campus, 132
Transportation/Materials Engineering, 402	Academic Community Engagement Services
degree requirements, 404	(ACES), 132
Transportation Systems	Interdisciplinary Studies, School of, 139
certificate, 131, 905	Summer Bridge program, 133
course descriptions, 162	at West campus, 665
Transportation to campus, 55	Campus Match, 666
Traveling Scholar Program, 82	GCC-ASU Partnership, 666
TRIO student support services, 282	Peer-2-Peer Program, 666
TSE (Test of Spoken English), 154	Summer Academy Program, 666
Tuition, 54	University College Center for Academic Advising, 133,
deadlines for, 55	203
delinquent payments, 56	University Dance Laboratory, 36
installment plan, 53	University Evaluation, Office of, 37
payments for, 55	University Registrar's Office, 66
refunds for, 56	University Undergraduate Initiatives, 65
residency classification and, 57	Upward Bound Program, 282
Summer Session, 172	Urban and environmental planning course descriptions,
veterans deferred, 55	341
at West campus, 685	Urban horticulture concentration, 220
at West Campus, 000	Urban Inquiry, Center for, 49, 188
	Urban Issues Lecture Series, 138
11	Urban Planning
U	S .
LIGEM (Underrepresented Graduate Enrichment Match)	Interdisciplinary Studies (BIS), 338
UGEM (Underrepresented Graduate Enrichment Match), 152	minor, 337
	programs of study in, 339
Undergraduate admissions, 65	Urban Planning (BSP), 337
Undergraduate research opportunities, 145	Urban studies concentration in Geography, 548
Underrepresented Graduate Enrichment Match (UGEM),	
152	
University	V
calendar, 22	Variantina Carlamaniatina varianant
campuses and sites of, 31	Vaccinations. See Immunization requirement
collections, 33	Verification guidelines for enrollment
equal opportunity/affirmative action policies of, 28	graduate, 157
general information about, 28	undergraduate, 82
grants, 60	Veterans
history of, 29	admissions standards and, 72
libraries and collections of, 33	services, 66
mission, 28	tuition payment and, 55
organization of, 28	Upward Bound Program for, 282
scholarship programs of, 59	West campus services, 686
University Archives, 34	Veterinary medicine, 209
University Art Museum, 34	WICHE program for, 130
University College, 132	Vice President for Research and Economic Affairs
Academic Advising Services, 133	research centers of, 50
at Polytechnic campus, 201	Video Studies, Film and, minor or certificate, 710
at Tempe campus, 290	Vietnamese course descriptions, 597

library, 652 Virginia C. Piper Center for Creative Writing, 49 Visa programs, employment-based, 171 map of, 757 Visiting Student Program course classifications, 64 minors of, 654 Visual Literacy Collection, 34 Native American Student Services, 659 Voice concentration, 476 nursing programs, 180 parking, 660 Peer-2-Peer Program, 666 W student grievances, 655 student services, 657 W. P. Carey School of Business. See Business, Summer Academy program, 666 W. P. Carev School of Teacher Education and Leadership, College of, 745 Walter Cronkite School of Journalism and Mass transfer of credits to, 653, 655 Communication. See Journalism and Mass transfer to Polytechnic campus, 201 Communication, Walter Cronkite School of University College at, 665 Washington Semester Program, 508 Wellness and Fitness Facility, 662 Waste Management and Hazardous Materials certificate Western Alliance to Expand Student Opportunities, 48 Western Interstate Commission for Higher Education program, 265 Water resources engineering, 402 (WICHE), 130 degree requirements, 404 Western Undergraduate Exchange (WUE), 130 Wealth Management program, 137 Wildlife and restoration ecology concentration, 221 Web-based courses, 135 Williams Campus. See Polytechnic campus Web Development concentration, Internet and, 267 Winter Session, 135 Web Devil, 286 Withdrawal Wellness and Fitness Facility at West campus, 662 from Graduate Studies, Division of, 156 Wellness and Health promotion, 285 medical/compassionate, 84 Wellness Foundations minor, 234 refunds for, 56 West campus, 32, 651, 657, 745. See also specific schools from the university, 84, 156 and degree programs Women and Gender Studies academic organization of, 19, 652 certificate, 514, 649 with History major, 558 academic success programs, 685 accreditation of, 652 with Religious Studies major, 639 administrative personnel, 854 course descriptions, 649 Women and Gender Studies (BA), 649 admission to, 652 advising, 665 Women's Studies Program at West campus, 743 bookstore, 657 certificate, 743 certificates of, 655 course descriptions, 744 children's services, 657, 659 minor, 744 counseling services, 660 Women's Studies (BA, BS), 743 degree programs of, 13, 653 Women's Studies Resource Center, 662 directory, 906 Work-Study program, 61, 132 Disability Resource Center (DRC), 658 Writing, Multimedia, and Technical Communication (BAS, employment for students, 660 BS), 238 Writing Across the Curriculum (WAC), 133 facilities, 662 faculty and academic professionals, 837 course descriptions fee and tuition payments, 660 at Tempe campus, 543 freshman orientation, 653 at West campus, 725 Global Management and Leadership, School of, 667 Writing Center, 133 health insurance, 660 Writing certificate history, 651 at Tempe campus, 538 Honors College programs, 663 at West campus, 716 housing, 32, 662 WUE (Western Undergraduate Exchange), 130 Human Services, College of, 677 Interdisciplinary Arts and Sciences, New College of,

696