Index

A

Abbreviations
for buildings, 908
for course prefixes, 7
for degrees, 13
for General Studies courses, 95
for graduate degrees, 163
for omnibus courses, 63
ABOR (Arizona Board of Regents), 65, 651, 845
Academic Advising, 79. See also Advising
Academic affiliations, 855
Academic calendar, 22
Academic Community Engagement Services (ACES), 132
Academic definitions, 26
Academic freedom policies, 29
Academic good standing, 86
Academic integrity, 87
Academic organization, 19
Academic Program Promoting Leadership Enrichment and Service, 282
Academic recognition at graduation, 92
Academic renewal, 81
Academic Resource Center, 203
Academic Success Programs, 133
course descriptions, 133
at Polytechnic Campus, 203
at West Campus, 665
Accountancy
Accountancy (BS), 297, 671
in Accounting, Department of, 671
course descriptions, 298, 674
CPA certification, 673
postbaccalaureate certificate in, 131
School of, 297
Accounting, Department of, 671
Accreditation
academic, 855
of Agribusiness and Resource Management, Morrison School of, 856
of Business, W. P. Carey School of, 856
of Construction, Del E. Webb School of, 380
of Design, College of, 856
of Downtown Phoenix campus, 855
of East College, 855
of Education, College of, 856
of Engineering, Ira A. Fulton School of, 386, 856
of Fine Arts, Katherine K. Herberger College of, 856
of Global Management and Leadership, School of, 857
of Human Services, College of, 857
of Journalism and Mass Communication, Walter Cronkite School of, 856
of Law, College of, 856
of Liberal Arts and Sciences, College of, 856
of Nursing, College of, 855
of Polytechnic campus, 200, 855
of Public Programs, College of, 855
of Social Work, School of, 855
of Technology and Applied Sciences, College of, 855
of Tempe campus, 856
of West campus, 857
ACES (Academic Community Engagement Services), 132
ACMRS (Arizona Center for Medieval and Renaissance Studies), 44
ACT (American College Test), 67
Acting concentration, 485
Actuarial science concentration, 615
Add courses, 84
Administrative personnel, 845
Polytechnic campus, 849
Tempe campus, 850
West campus, 854
Admission(s), 66. See also Enrollment; Readmission, specific colleges and schools
advanced placement and, 74
to Agribusiness and Resource Management, Morrison School of, 206
appeal procedure, 71
application procedures, 66
to Barrett Honors College, 146
to Business, W. P. Carey School of, 288
competency requirements, 69
deadlines, 66
to Design, College of, 314
Disability Resource Center, 73, 282
to Education, College of, 350
to Engineering, Ira A. Fulton School of, 70, 384
to Fine Arts, Katherine K. Herberger College of, 437
to Global Management and Leadership, School of, 667
to Graduate Studies, Division of, 153
before high school graduation, 74
to Human Services, College of, 680
to Interdisciplinary Arts and Sciences, New College of, 696
of international students, 72
application deadline, 67
requirements, 74
to Journalism and Mass Communication, Walter Cronkite School of, 71, 491
to Law, College of, 497
to Liberal Arts and Sciences, College of, 500
  nondegree, 74
to Business, W.P. Carey School of, 289
to Nursing, College of, 174
Office of Undergraduate, 65
for Polytechnic campus, 201
procedures, 66
to Public Programs, College of, 184
requirements for, 69
to Summer Sessions, 172
to Teacher Education and Leadership, College, 745
to Technology and Applied Sciences, College of, 246, 251
before transcript receipt, 67
of transfer applicants, 67
  credits awarded, 71
undergraduate, 66
to West Campus, 652
Adult Re-entry Program, 282
Advanced placement credit, 74
  for General Studies credit, 93
Advanced Public Executive Program, 138, 184
Advancement of Small Business, Center for the (CASB), 40
Advancing Business through Information Technology, Center for (CABIT), 40
Advising, 79
  Academic Advising, University College Center for, 133
  for Business, W. P. Carey School of, 290
  for Design, College of, 314
  for Education, College of, 352
  for Engineering, Ira A. Fulton School of, 374
  for Fine Arts, Katherine K. Herberger College of, 437
  for Graduate Studies, Division of, 152, 157
  for Liberal Arts and Sciences, College of, 500
  for Nursing, College of, 176
  for Polytechnic campus, 201
  for preprofessional programs, 500
  for Public Programs, College of, 185
  Summer Sessions, 172
  for Technology and Applied Sciences, College of, 247
  for West campus, 653
Advocacy and Assistance, Student, 284
AECF (American English and Culture Program), 73
Aeronaumatic Engineering Technology course descriptions, 262
Aeronautical Management Technology:
  Aeronautical Management Technology (BS), 249
  course descriptions, 252
  Department of, 249
Aerospace Engineering (BSE), 426
  program of study, 428
  Aerospace Studies:
    course descriptions, 516
    Department of, 515
Affiliations, academic, 857
Affirmative action policies, 28
Affordable Homes and the Family, Stardust Center for, 51
African American Men of ASU Program, 282
African American Summer Bridge Program, 282
African and African American Studies program
  African and African American Studies (BA), 518
  certificate, 519
  course descriptions, 520
  minor, 519
AFROTC (Air Force Reserve Officers’ Training Corps), 515
AGEC (Arizona General Education Curriculum), 72, 95
Agribusiness
  Agribusiness (BS), 207
  concentrations of, 207
  course descriptions, 211
Agribusiness and Resource Management, Morrison School of, 206, 211
  accreditation of, 856
  admission to, 206
  degree programs of, 206
  National Food and Agricultural Policy Project (NFAPP), 206
Sustainable Technologies, Agribusiness, and Resources Center (STAR), 40
Air Force Reserve Officers’ Training Corps (AFROTC), 515
Airline pilot training, 250
Aliens
  residency classification, 57
Alternative Energy collection, 313
Alumni Association, 37
  of Design, College of, 317
America Counts program, 132
America Reads program, 132
American Chemical Society certification, 527
American College Test (ACT), 67
American English and Culture Program (AECF), 73
American Humanities Program. See Nonprofit Leadership and Management.
American Indian. See also Native Americans
  American Indian Studies (BS), 522
American Indian Students United for Nursing (ASUN), 181
American Museum of Nursing, 181
American Studies
  American Studies (BA), 714
  course descriptions, 719
  minor, 715
Anthropology
  at Tempe campus
    Anthropology (BA), 567
    course descriptions, 569
INDEX

course requirements, 567
for Interdisciplinary Studies majors, 569
minor, 569
at West campus
course descriptions, 735
Sociocultural minor in, 735
Antiretaliat statement, 29
Appeal procedures
for grades
at Tempe campus, 85
at West campus, 655
for Graduate Studies, Division of, 158
for transfer credits, 71
Application(s). See also specific colleges and degree programs
for academic renewal, 81
for admission, 66
to Graduate Studies, Division of, 153
for financial aid, 59
for graduation, 91,
from Graduate Studies, Division of, 160
for international programs, 171
for readmission, 80
Applied Biological Sciences
Applied Biological Sciences (BS), 219
concentration, 220
course descriptions, 222
Department of, 219, 857
graduate programs, 222
secondary education concentration, 220
urban horticulture concentration, 220
wildlife and restoration ecology concentration, 221
Applied Computer Science
Applied Computer Science (BS), 271
program of study, 272
Applied Computing
Applied Computing (BS), 725
course descriptions, 727
Mathematical Sciences and, Department of, 725
Applied Ethics, Joan and David Lincoln Center for, 48
Applied mathematics course descriptions, 216
Applied Psychology (BS), 224
Applied Science (BAS)
at Polytechnic campus
in Aeronautical Management Technology, Department of, 251
in Agribusiness and Resource Management, Morrison School of, 210
core course descriptions, 216
in Electronics and Computer Engineering Technology, Department of, 255
in Mechanical and Manufacturing Engineering Technology, Department of, 261
in Technology Management, Department of, 266
at West campus, 705
Apprentice Teacher Program (ATP), 352
program of study, 357
APRC (Arizona Prevention Resource Center), 286
Arabic course descriptions, 586
Arboretum, 32
Architectural administration and management course descriptions, 323
Architectural communication course descriptions, 323, 325
Architectural design and technology studios course descriptions, 323
Architectural philosophy and history course descriptions, 323, 324
Architectural Studies (BSD), 318
and Civil Engineering (BSE), 407
minor, 322
programs of study, 320
Architectural technology course descriptions, 323, 325
Architecture and Landscape Architecture, School of, admission to, 319
application to, 319
course descriptions, 322
degree programs of, 318
graduate degrees, 323
portfolio requirements for, 320
Architecture professional studies course descriptions, 323, 325
Archives
University, 34
AREC (Arizona Real Estate Center), 41
Arizona Bodesign Institute (AzBio). See Biodesign Institute at Arizona State University
Arizona Board of Regents (ABOR), 65, 651, 845
Arizona Center for Medieval and Renaissance Studies (ACMRS), 44
Arizona Collection, 34
Arizona Education Policy Initiative, 42
Arizona Education Proficiency Assessment, 228, 350
Arizona General Education Curriculum (AGEC) competency requirements, 69
General Studies transfer credit, 72, 95
transfer credit, 95
Arizona Hispanic Business Survey, 48
Arizona Historical Foundation library, 34
Arizona Prevention Resource Center (APRC), 286
Arizona Real Estate Center (AREC), 41
Arizona State Board of Nursing requirements, 175
Arizona Students’ Association (ASA) fee, 54
Arizona Studies in the Middle Ages and the Renaissance (book series), 44
Art, School of, 442
Art (BA), 444. See also specific concentrations
art history concentration, 444
digital art concentration, 445
museum studies concentration, 446
studio art concentration, 447
Art (BFA), 448. See also specific concentrations
art education concentration, 448
ceramics concentration, 449
drawing concentration, 450
fibers concentration, 451
intermedia concentration, 451
metals concentration, 452
painting concentration, 453
photography concentration, 454
printmaking concentration, 455
sculpture concentration, 456
special programs of, 440
Art auxiliary course descriptions, 456
Art (BA, BFA), 444, 448. See also Art, School of
Art Education
course descriptions, 448
Art History
at Tempe campus
course descriptions, 444
minor, 447
at West campus
course descriptions, 711
Art Museum, ASU, 34
Arts
Consortium for Interdisciplinary Projects and
Residencies in, 658
fine. See Fine Arts.
Institute for Studies in the (ISA), 39
Media, and Engineering (AME), 39
Arts Center, J. Russell and Bonita Nelson, 35
ASASU (Associated Students of Arizona State University)
at Tempe campus, 280
at West campus, 657
Asian Languages (Chinese/Japanese) (BA), 580
Asian Lead Academy, 282
Asian Pacific American Studies Program, 524
Asian Studies
Asian Pacific American Studies Program, 524
Asian Studies certificate, 509
with Asian Languages major, 583
with Geography major, 547
with History major, 557
with Political Science major, 629
with Religious Studies major, 639
as Business, W. P. Carey School of, emphasis, 294
Center for, 44
East Asian, 509, 639
Southeast Asian Studies certificate, 514, 558, 583
Associate in Transfer Partnership degree in business, 291
Associated Students of Arizona State University (ASASU)
at Tempe campus, 280
at West campus, 657
Astronomy
at Tempe campus, 625
course descriptions, 626
at West campus
course descriptions, 707
ASU Art Museum, 34
ASU baccalaureate degrees, 13. See also Bachelor’s
degree(s), specific degree programs and courses
ASU Community Fellows Lecture Program, 138
ASU Extended Campus. See Extended Education, School of
ASU Interactive, 55
ASU Report Card, 38
ASU Research Park, 32
ASU Web Devil, 286
ASUN (American Indian Students United for Nursing), 181
ASUonline, 135
Auditorium, Gammage Memorial, 35
Automotive Entrepreneurs and Leaders certificate, 294
Awareness areas in General Studies requirement, 94
AZBio (Arizona Biodesign Institute). See Biodesign Institute at Arizona State University

B

Baccalaureate degrees. See Bachelor’s degree(s), specific degree programs and courses
Bachelor’s degree(s), 13. See also specific degrees
Accountancy (BS), 297, 668
Aeronautical Management Technology (BS), 249
Aerospace Engineering (BSE), 426
African and African American Studies (BA), 518
Agribusiness (BS), 207
American Indian Studies (BS), 522
American Studies (BA), 697
Anthropology (BA), 567
Applied Biological Sciences (BS), 219
Applied Computer Science (BS), 272
Applied Computing (BS), 725
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
Women and Gender Studies (BA), 649
Women's Studies (BA, BS), 697
Bank One Economic Outlook Center (EOC), 39
Barren Mind Improv, 281
Barrett Honors College. See Honors College, Barrett
Basic competency requirements, 69
Beginning Educator Support Team (BEST), 349
Behavioral Sciences in General Studies requirements, 94
Benedict Visual Literacy Collection, 34
BERS (Bureau of Educational Research and Services), 349
BEST (Beginning Educator Support Team), 349
Beta Gamma Sigma, 288
Bicycles, 55
Bike Co-op Repair Service, 55
Bilingual education
course descriptions, 363
at West campus, 749
Navajo, 353
Bilingual Review Press, 48
Binding fee, 54
Biochemical engineering emphasis, 395
Biochemistry
Biochemistry (BA, BS), 527
course descriptions, 530
Biodesign Institute at Arizona State University, 50
Bioelectrical engineering emphasis, 389
Bioengineering
areas of study, 388
Bioengineering (BSE), 386
course descriptions, 391
Harrington Department of, 386
programs of study, 390
Biological sciences minor, 602
Biology. See also Applied Biological Sciences
Biology (BS), 597
course descriptions, 603
at West campus, 702
graduate degrees in, 603
minor, 602
and society concentration, 598
Biological and Society, Center for, 45
Biological and Society Unusual Student Project Award, 45
Biomaterials engineering emphasis, 389, 398
Biomechanical engineering emphasis, 389
Biomedical engineering emphasis, 395
Biomedical imaging engineering emphasis, 389
Biopolicy and law, 45
Biosystems engineering emphasis, 389
BIS. See Interdisciplinary Studies (BIS).
Black Youth Recognition Conference, 282
Bridge Discount Program, 285
Brown Bag Lunch Lectures Program, 138
Buckley Amendment, 87
defined, 26
Budgets, typical student, 60
Building construction, general, concentration, 382
Bureau of Educational Research and Services (BERS), 349
Bus transportation
at Tempe campus, 55
at West campus, 657
Business,
course descriptions, 296
Global (BS), 669. See also Global Management and Leadership, School of
at Polytechnic campus, 225
W. P. Carey School of, 288. See also specific
departments and degree programs
academic organization of, 288
academic standards of, 293
Accountancy, School of, 297
accreditation of, 856
admission to, 288
advising, 290
centers of, 40, 296
certificates of, 294, 299
degree programs in, 291
degree programs of, 291
Economics, Department of, 298
Finance, Department of, 301
graduate programs in, 291
graduation requirements, 291
Health Management and Policy, School of, 302
honors program, 295, 299
Information Systems, Department of, 303
InnovationSpace and, 313
International Business Studies, 304
certificate, 294, 304
major requirements, 293
Management, Department of, 306
Marketing, Department of, 309
organizations of, 288
programs of study, 288, 293
research centers of, 39, 296
Rodel Community Scholars, 295
school degree requirements, 292
Secondary Education (BAE) specialization, 289
special programs of, 294
Supply Chain Management, Department of, 311
at West campus, 667
Business Administration
Business Administration (BS), 225
Business education course descriptions, 364
Business Research, Center for (CBR), 40
INDEX

C

CABIT (Center for Advancing Business through Information Technology), 40
Cable/public television courses, 135
Calendar, academic, 22
Camp Tontozona, 32
Campus Children’s Center, 280
Campus codes for courses, 62
Campus Environment Team, 29
Campus Health Service, 74, 285
Campus Match program,
at Tempe campus, 133
at West campus, 666
Campus(es). See Downtown Phoenix campus;
Polytechnic campus; Tempe campus; West campus
Cancer Research Institute, 44
CAP LTER (Central Arizona–Phoenix Long-Term Ecological Research project), 51
CAPS Research (Center for Strategic Supply Research), 40
Career Services
for Polytechnic campus, 204
for Tempe campus
for Graduate Studies, Division of, 152
for undergraduates, 286
for West campus, 657
Career Testing Services, 285
Carey School of Business. See Business, W. P. Carey School of
CARO (Community Art and Research Outreach), 48
CASB (Advancement of Small Business, Center for), 40
Catalog year determination, 89
Catalogs, 62
CBR (Center for Business Research), 40
CCNS (College Council of Nursing Students), 181
CCPA (Co-Curricular Programs and Activities), 280
Centennial Lecture, 146
Center(s) and Institute(s). See also Facilities and Laboratory(ies)
Academic Resource Center, 203
for the Advancement of Small Business (CASB), 40
for Advancing Business through Information Technology (CABIT), 40
for Affordable Homes and the Family, Stardust Center, 51
Applied Ethics, Joan and David Lincoln Center for, 48
Arizona Center for Medieval and Renaissance Studies (ACMRS), 44
Arizona Prevention Resource Center (APRC), 286
Arizona Real Estate (AREC), 41
for Asian Studies, 44
Bank One Economic Outlook (EOC), 39
Biodesign Institute at Arizona State University, 50
for Biology and Society, 45
Bureau of Educational Research and Services (BERS), 349
of Business, W. P. Carey School of, 39
for Business Research (CBR), 40
Campus Children’s Center, 280
Cancer Research Institute, 44
Ceramics Research Center, 43
Child Development and Family Studies, 657
Counselor Training, 350
Critical Languages Institute (CLI), 49
Customer Assistance, 36
Dance Multimedia Learning, 34
Deer Valley Rock Art, 32
of Design, College of, 41, 313
Disability Resource (DRC), 36, 73, 282
Downtown (ASU), 32, 135
of East College, 41
of Education, College of, 42, 350
for Education Equity and Language Diversity, Southwest, 42
Educational Opportunity Center, 282
of Engineering, Ira A. Fulton School of, 42
Environmental Research and Policy, Southwest Center for (SCERP), 51
Exercise and Sport Research Institute (ESRI), 47
of Fine Arts, Katherine K. Herberger College of, 43
Global Institute of Sustainability, 51
Health and Wellness, 74
Herberger Center for Design Research (HCDR), 41, 313
for High Resolution Electron Microscopy (CHREM), 46
Hispanic Leadership Institute, 137
Hispanic Research Center (HRC), 48
Home Safe Violence Prevention and Advocacy, 285
Human Origins, Institute of (IHO), 48
of Human Services, College of, 43
for Humanities Research, 48
Indian Data, Labriola National American, 34
for Indian Education, 42, 350
InnovationSpace, 41
Institute for Computing and Information Science and Engineering (InCISE), 51
Institute for Humanities Research, 48
Institute for Manufacturing Enterprise Systems (IMES), 43
Institute for Studies in the Arts (ISA), 39
Institute of Human Origins (IHO), 48
Intergroup Relations (IRC), 29
Ira A. Fulton Research Institute, 43
J. Russell and Bonita Nelson Fine Arts Center, 35
Joan and David Lincoln Center for Applied Ethics, 48
Katherine K. Herberger Center for Design Excellence (HCDR), 41
Kerr Cultural Center, 35
L. William Seidman Research Institute, 41, 296
Labriola National American Indian Data, 34
Latin American Studies, 48, 296
of Law, College of, 44
Law, Science, and Technology, Center for the Study of, 44, 496
for Learning and Teaching Excellence, 38
Learning Enhancement, 659
Learning Resource Center (LRC), 284
of Liberal Arts and Sciences, College of, 44, 515
Louise Lincoln Kerr Cultural, 35
for Low Power Electronic Research (CLPE), 43
Manufacturing Enterprise Systems, Institute for (IMES), 41, 43
Materials Facility (MF), 46
Materials Research Science and Engineering (MRSEC), 46
Media Center, 313
Medieval and Renaissance Studies, Arizona Center for (ACMRS), 44
for Meteorite Studies, 45
Morrison Institute for Public Policy, 50
Multicultural Student Center (MSC), 282
Nelson Fine Arts Center, 35
for Nonprofit Leadership and Management (CNLM), 49, 187
of Nursing, College of, 180
for Outreach and Recruitment (COR), 378
of Polytechnic campus, 41
for Professional Development (CPD), 371
of Public Programs, College of, 49
for Research on Education in Science, Mathematics, Engineering, and Technology (CRESMET), 39
Russian and East European Studies (REESC), 49
Seidman Research Institute, L. William, 41, 296
for Services Leadership (CSL), 40
for Solid State Electronics Research (CSSER), 43
for Solid State Science, 45
Southwest Center for Education Equity and Language Diversity, 42
Southwest Center for Environmental Research and Policy (SCERP), 51
Southwest Interdisciplinary Research Center, 50
Stardust Center for Affordable Homes and the Family, 51
for Strategic Supply Research, (CAPS), 40
Student Health and Wellness, 74
Student Organization Resource Center (SORC), 280
for Studies in the Arts (ISA), 39
for the Study of Early Events in Photosynthesis, 46
for the Study of Law, Science, and Technology, 44, 496
for the Study of Religion and Conflict, 47
Sun Devil Involvement Center (SDIC), 280
Sundome, for the Performing Arts, 36
Sustainable Technologies, Agribusiness, and Resources (STAR), 42
for Urban Inquiry (CUI), 49, 188
of Vice President for Research and Economic Affairs, 50
Virginia C. Piper Center for Creative Writing, 49
Women's Studies Resource Center, 743
Writing Center, 133
Central Arizona–Phoenix Long-Term Ecological Research (CAP LTER) project, 51
Ceramic materials emphasis, 398
Ceramics
concentration, 449
course descriptions, 460
Ceramics Research Center, 43
Certificate(s), 126, 131. See also specific titles of certificates
in Accountancy, 131
of admission, 74
in African and African American Studies, 519
from American Chemical Society, 527
in American Humanities, 190
in American Indian Studies, 523
in Asian Pacific American Studies, 524
in Asian Studies, 509, 557, 583, 639
in Atmospheric Science, 161
for Automotive Entrepreneurs and Leaders, 294
offered by Business, W. P. Carey School of, 294
in Business English, 129, 136
in Civic Education, 629
in Classical Studies, 509
in Communication and Human Relations, 131, 680
Early Intervention, 511
in East Asian Studies, 509
in English as a Second Language, 137
Enriched College Degree, 509
in Ethics, 622
in Ethnic Studies, 698
offered by Extended Education, School of, 136
in Film and Video Studies, 711
in Fire Service Management, 136
in Geographic Information Science, 161, 129, 511
in Gerontology, 162
graduate, 131
in Hazardous Materials and Waste Management, 265
in Healthcare Organizations and Society, 295, 511
in History and Philosophy of Science, 512, 602, 622
International Baccalaureate Diploma/Certificate, 75
in International Business Studies, 299, 304, 535
in International Studies, 630
in Islamic Studies, 129, 512, 639
in Jewish Studies, 512, 558, 639
in Latin American Studies, 299, 512, 535, 547, 558, 583, 639
in Leadership and Ethics, 192
in Lesbian, Gay, Bisexual, and Transgender Studies, 187
offered by Liberal Arts and Sciences, College of, 510
Management and, 307
INDEX

in Medieval and Renaissance Studies, 513
in Multimedia Writing and Technical Communication, 239
in Museum Studies, 513
in Nonprofit Youth and Human Service Leadership and Management: American Humanics, 190
in Philosophy, Politics, and Law, 148
postbaccalaureate, 131
in Public Administration and Public Management, 192
in Quality Analysis, 294, 299, 535
in Russian and East European Studies, 513, 558, 583, 639
in Scandinavian Studies, 513, 583
in Small Business and Entrepreneurship, 294
in Southeast Asian Studies, 514, 548, 558, 583, 639
in Spa Management, 235
in Supervisory and Management Skills, 137
in Symbolic Systems, 514, 622
in Technology Entrepreneurship, 378
offered by West campus, 655
in Women and Gender Studies, 514, 558, 639
in Women's Studies, 655
in Writing, 538
Certification for teachers, 228, 350, 361. See also Initial Teacher Certification (ITC) program
CFS (Child and Family Services), 280
Chandler-Gilbert Community College Partnership, 201, 214
Channel 8 Television (KAET), 36
Chapel, Danforth, 281
Checks
   returned, 55
   tuition payment, 55
Chemical and Materials Engineering
   Department of, 392
   graduate degrees, 399
Chemical Engineering
   areas of study, 395
Chemical Engineering (BSE), 393
course descriptions, 399
programs of study, 395
Chemistry
   Chemistry (BA, BS), 525, 526
course descriptions, 530
   at West campus, 702
   minor, 529
Chemistry and Biochemistry
   Department of, 525
   graduate degrees, 530
Chicana and Chicano Studies
   Chicana and Chicano Studies (BA), 533
course descriptions, 533
   Department of, 533
   minor, 533
   Chicano Research Collection, 34
   Child and Family Services (CFS), 280
   Child care
      at Polytechnic campus, 205
      at Tempe campus, 280
      at West campus, 651
   Child development
      at Tempe campus
course descriptions, 544
Laboratory, 280
at West campus, 657
Child Development and Family Studies Center, 657
Child Drama Collection, 34
Child Study Laboratory, 280
Chinese
   Chinese (BA), 580
course descriptions, 587
   minor, 582
Choral—general concentration, 471
Choreography concentration, 465
CHREM (Center for High Resolution Electron Microscopy), 46
Civic Education certificate, 629
Civil and Environmental Engineering
   Civil Engineering (BSE), 403
   concurrent studies in architecture and, 407
course descriptions, 407
degree requirements, 403
Department of, 402
graduate degrees, 407
programs of study, 404
Civil Practice Clinic, 497
Class standing, 86
Classical Studies certificate, 509
Classification of courses, 62
Classroom aides residency classification, 58
Classroom support, 36
CLASworks, 501, 508
Clearinghouse, Community Service Opportunity, 281
CLEP (College-Level Examination Program), 75
CLI (Critical Language Institute), 49
Clinical Laboratory Sciences (BS), 598
course descriptions, 607
Clinics, of Law, College of, 497
CLPE (Center for Low-Power Electronics), 43
CNLM (Nonprofit Leadership and Management, Center for), 49
Co-Curricular Programs and Activities (CCPA), 280
Codes
   Code of Conduct, Student, 65
   for course prefixes, 7
   Honor Code, 497
Cohort management course codes, 64
Collaborative piano concentration, 476
Collections and galleries, 34
  Alternative Energy Collection, 313
  Arboretum, 32
  Arizona Collection, 34
  Chicano Research Collection, 34
  Child Drama Collection, 34
  Computing Commons Gallery, 34
  Galleria, 35
  Gallery 100, 35, 441
  Gallery of Design, 35, 313
  Harry Wood Gallery, 35, 441
  Map Collection, 33
  Nelson Fine Arts Center, 35
  Northlight Gallery, 35, 441
  Step Gallery, The, 36, 441
  University Archives, 34
  Visual Literacy Collection, 34
College Council of Nursing Students (CCNS), 181
College-Level Examination Program (CLEP), 75
  General Studies credit and, 93
Commercialism in Education Research Unit, 42
Committee on Law and Philosophy, 497
Communicating Science, 45
Communication
  Communication Studies
    Communication Studies (BA, BS), 678
course descriptions, 681
    Department of, 678
    and Human Relations postbaccalaureate certificate, 680
    minor in, 680
  Hugh Downs School of Human, 564
  activity programs through, 287
  Communication (BA, BS), 564
course descriptions, 565
degree programs of, 564
    minor in, 564
  Journalism and Mass Communication, Walter Cronkite
    School of, 491. See also Journalism and Mass
    Communication, Walter Cronkite School of
    Multimedia Writing and Technical (BAS, BS), 238
    nutrition concentration and, 242
Community Art and Research Outreach (CARO), 48
Community colleges
  Chandler-Gilbert Community College Partnership and, 201, 214
    continuous enrollment and, 89
    General Studies credit and, 95
  Glendale Community College at West campus, 666
    transfers from, 72
Community Design Studio (CDS), 41
Community health practice course descriptions, 182
Community Resources and Development, School of, 189
Community Service Program, 281
Compassionate withdrawal, 84
Competency requirements, 69
Composition, First-Year, requirements for, 89
Composition (Music) concentration, 477
Comprehensive examinations, 75
  fees for, 54
Computational Biosciences (MS), 535
Computational Mathematical Sciences (BS), 613
Computational sciences concentration, 613
Computer Accounts, 36
Computer-associated degrees
  Applied Computer Science (BS), 272
  Applied Computing (BS), 725
  Applied Science (BAS), 252
  Computational Biosciences (MS), 535
  Computational Mathematical Sciences (BS), 613
  Computer Information Systems (BS), 303
  Computer Science (BS), 410
  Computer Systems (BS), 271
  Computer Systems Engineering (BSE), 411
  Computer Engineering Technology course descriptions, 274
  Computer hardware technology concentration, 272
  Computer Information Systems (BS), 303
course descriptions, 303, 676
Computer Science and Engineering
course descriptions
  at Tempe campus, 413
  at West campus, 750
  Department of, 409
  Computer Science (BS), 410
  programs of study, 411
  Computer/statistics/quantitative applications in General
  Studies requirements, 93
  Computer systems administration concentration, 274
  Computer Systems (BS), 271
  Computer Systems Engineering (BSE), 411
  programs of study, 412
  Computing and Information Science and Engineering,
  Institute for (InCISE), 51
  Computing Commons,
  Gallery, 34
  Computing facilities and services
    at Polytechnic campus, 202
    at Tempe campus, 36
    at West campus, 657
  Computing Studies
course descriptions, 274
  Division of (Polytechnic campus), 271
  Concurrent degree programs. See Dual Degree Programs
  Conservation Biology (BS), 599
  Consortium for Interdisciplinary Projects and Residencies
  in the Arts, 658
Construction
  Construction (BS, MS), 380
course descriptions, 383
 Del E. Webb School of
admission, 380
 programs of study, 381
 engineering concentration, 405
Consumer products technology concentration, 210
Continuing and Extended Education Program for nurses, 180
Continuing Education programs, 137
Continuing registration, 63, 157
Cooperative Education programs, 82
 in Engineering, Ira A. Fulton School of, 378
Coor, Lattie F., 30
COR (Center for Outreach and Recruitment), 378
Corequisites defined, 62
Council for Design Excellence, 317
Counseling services
 Polytechnic campus, 204
 Tempe campus, 284
 West campus, 660
Counselor Education course descriptions, 369
Counselor Training Center, 350
Course Applicability System, 72, 89
Course(s). See also specific degree programs and courses
classification of, 62
First-Year Seminar, 63
General Studies listing, 96
Honors, 63
key to course listings, 62
minimum loads, 81
 for Graduate Studies, Division of, 156
numbering system of, 62
omnibus, 62
prefix index, 7
repeating, 85
reserving for graduate credit. See Credit(s), academic
special fees for, 53
University Success, 133
Creative Writing (MFA), 161, 439
Credit cards for tuition payments, 55
Credit enrollment, 83
Credit(s), academic
 advanced placement, 74
 Chandler-Gilbert Community College, Partnership in
 Baccalaureate Education, 201, 214
College-Level Examination Program, 75
from community colleges, 71, 72, 684, 693
 options in, 505
requirements for graduation, 89
transfer, 71
 appeals procedure, 71
 application for, 67
 to Business, W. P. Carey School of, 290
 from community colleges, 71, 72, 684, 693
to Design, College of, 314
to Education, College of, 351
to Engineering, Ira A. Fulton School of, 373
to Fine Arts, Katherine K. Herberger College of, 437
for General Studies, 95
to Global Management and Leadership, School of, 668
to Graduate Studies, Division of, 159
to Journalism and Mass Communication, Walter Cronkite School of, 492
to Justice and Social Inquiry, School of, 574
to Liberal Arts and Sciences, College of, 500
to Nursing, College of, 174
to Polytechnic campus, 201
to Public Programs, College of, 184
to Social Work, School of, 195
to Technology and Applied Sciences, College of, 247
veterans exception, 72
to West campus, 653
undergraduate for graduate programs, 82, 158
 for Fine Arts, Katherine K. Herberger College of, 442
for Public Programs, College of, 186
for Social Work, School of, 197
Credit(s), tax, 61
CRESMET (Center for Research on Education in Science, Mathematics, Engineering, and Technology), 39
Criminal Justice and Criminology
course descriptions, 684
Criminal Justice and Criminology (BS), 679
Department of, 683
Criminal Practice Clinic, 497
Crisis counseling services. See Counseling services
Critical inquiry in General Studies requirements, 93
Critical Language Institute (CLI), 49
Crow, Michael M., 3, 30
Cryptographic Science concentration, 615
CSL (Center for Services Leadership), 40
CSSER (Center for Solid State Electronics Research), 43
CTS (Career Testing Services), 285
CUI (Urban Inquiry, Center for), 49, 188
Cultural diversity in the United States, 94
Cultural geography
course descriptions
 at Tempe campus, 550
 at West campus, 736
Current Social Events, Linda Haskell Memorial Master Class on, 138
Curriculum and Instruction
course descriptions, 364
Division of, 363
Customer Assistance Center, 36

872
D

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

Downs School of Human Communication. See Communication, Hugh Downs School of Human
Downtown and Gown Lecture Program, 138
Downtown Center at ASU, 32. See also Extended
Education, School of
Downtown Phoenix Campus, 173
accreditation of, 855
directory of, 898
Drawing
course descriptions, 460
DRC (Disability Resource Center), 73
Drop/add courses, 84
Dual degree programs
Architectural Studies (BSD)
and Civil Engineering (BSE), 407
Economics
dual degree programs, 169
at Tempe campus
course descriptions, 299
Department of, 298
Economics (BAE), 298, 535
graduate degrees, 536
minors in, 535
special programs in, 299
at West campus
course descriptions, 675
Economics, Finance, Marketing, and Quantitative
Business Analysis, Department of, 675
Education
at Polytechnic campus, 227
course descriptions, 230
at Tempe campus. See Education, College of
at West campus. See Teacher Education and
Leadership, College of
Education, College of, 349. See also specific departments
and programs
academic affiliation of, 858
academic organization of, 19
academic standards for, 361
admission to, 350
advising, 352
Apprentice Teacher Program, 352
Arizona Education Policy Initiative, 42
art education certification, 448
Bureau of Educational Research and Services (BERS),
Education, College of, 349. See also Polytechnic campus
centers of, 42, 349
Center of, 42
Counselor education courses, 369
Counselor Training Center, 350
course descriptions, 361
Curriculum and Instruction
Division of, 349, 363
dance education certification, 466
degree requirements, 354
Diné Teacher Education Program, 353
Early Childhood Education (BAE), 352
Early Childhood Interprofessional Program, 353
Education Policy Analysis Archives, 42
Education Policy Research Unit, 42
Education Policy Studies Laboratory (EPSL), 42, 350
Educational Leadership and Policy Studies, Division of,
Elementary Education (BAE), 357, 358
Elementary Education Partnership Program, 353
field experience requirements, 355
graduate degree programs, 361
Indigenous Teacher Preparation Program, 353

E-mail policy, 37
Early Childhood Education (BAE), 356
course descriptions
at Polytechnic campus, 230
at Tempe campus, 364
at West campus, 750
at Tempe campus, 356
programs of study, 356
Early Childhood Interprofessional Program (ECP), 353
Early Childhood Interprofessional Program (ECIP), 353
Early Events in Photosynthesis, Center for the Study of, 46
Early Intervention certificate, 511
East Asian Studies, 509
East campus. See Polytechnic campus
East College, 214
accreditation of, 855
Applied Biological Sciences, Department of, 219
Applied Psychology, Faculty of, 224
Business Administration, Faculty of, 225
degree programs, 214
Education, Faculty of, 227
Exercise and Wellness, Department of, 233
Human Health Studies, Faculty of, 237
Interdisciplinary Studies (BIS), 214
Multimedia Writing and Technical Communication,
Faculty of, 238
Nutrition, Department of, 240
research centers of, 41
East European studies. See Russian and East European
Studies
Ecology, wildlife and restoration, concentration, 221
Economic Forecasts, 39
Economic Outlook Center, Bank One, 39

874
Initial Teacher Certification (ITC) Program, 350. See also Teacher Certification (ITC) Programs
Integrated Certification in Teacher Education (INCITE), 351
Multilingual/Multicultural (MLMC) Program, 354, 363
music education certification, 471
organization of, 349
postbaccalaureate programs, 351
Professional Field Experiences, Office of, 350
Psychology in Education, Division of, 369
research centers of, 42
Secondary Education (BAE), 354, 359
Special Education (BAE), 354, 360
Student services, Office of, 350
student teaching, 355
teacher certification programs, 350, 361. See also
Initial Teacher Certification (ITC) Program
in art education, 449
in dance education, 466
in music education, 471
Teacher Education and Certification Highway + Master's (TEACH+ME), 351
Teacher Education for Arizona Mathematics and Science (TEAMS), 354
Technology-Based Learning and Research, 350
undergraduate degree programs of, 351
Education Equity and Language Diversity, Southwest Center for, 42
Education Policy Analysis archives, 42
course descriptions, 369
Education Policy Studies Laboratory (EPSL), 42
Education record. See also Records.
definition of, 87
fees for, 54
Educational Administration and Supervision course descriptions, 369, 756
Educational Administration and Supervision (MEd, EdD), 756
Educational Development in Student Services, 282
Educational Leadership and Policy Studies, Division of, 368
Educational Opportunity Center, 282
Educational Psychology course descriptions, 370
at West campus, 750
Educational tax credits, 61
Educational Technology course descriptions, 370
at West campus, 756
Electrical Engineering course descriptions, 419
Department of, 415
Electrical Engineering (BSE), 416
programs of study, 416
Electronic Classroom, 441
Electronic Music Studio, 441
Electronic systems concentration, 254
Electronics and Computer Engineering Technology, Department of, 254
Electronics Engineering Technology (BS), 254
concentrations, 254
program of study, 255
Elementary Education
course descriptions
at Polytechnic campus, 230
at Tempe campus, 365
at West campus, 721, 750
course prefixes for, 64
Elementary Education (BAE)
at Polytechnic campus, 227
at Tempe campus, 358
at West campus, 747
postbaccalaureate program
at Polytechnic campus, 228
at West campus, 653
programs of study
at Tempe campus, 357
at West campus, 748
Elementary Education Partnership Program,
programs of study, 357
Embedded systems technology concentration, 272
Emergency management concentration, 266
EMPACT, 284
Employment
financial aid and, 60
residency classification, 57
student, 60
Employment-based visa programs, 171
Energy studies, interdisciplinary programs of, 126
Energy systems areas of emphasis, 398
Engineering
at Polytechnic campus, 258
at Tempe campus, See Engineering, Ira A. Fulton School of
Engineering, Ira A. Fulton School of. See also specific degree programs and courses
academic organization of, 20
academic standards of, 376
accreditation of, 386, 856
admissions, 372, 384
advising, 374
Arts, Media, and Engineering (AME), 39
Bioengineering, Harrington Department of, 386
centers and institutes of, 42, 371
Chemical and Materials Engineering, Department of, 392
Civil and Environmental Engineering, Department of, 402
INDEX

Computer Science and Engineering, Department of, 409
Construction, Del E. Webb School of, 379
degree programs of, 375
Electrical Engineering, Department of, 415
Engineering (BSE, MEng), 258, 375, 376, 384
Engineering Special Studies (BSE), 434
Fulton Undergraduate Research Initiative (FURI), 377
graduate programs in, 376
graduation requirements, 381, 386
Industrial Engineering, Department of, 421
InnovationSpace and, 41
Institute for Studies in the Arts and, 42, 43
joint bachelor's and master's degree, 377
Mechanical and Aerospace Engineering, Department of, 425
premedical, 434
probation, 377
Professional Development, Center for, 371
programs of study in, 385
readmission, 373
registration, 374
reinstatement, 377
research centers of, 42
SORP (Student Outreach and Retention Program), 378
special programs, 377
undergraduate degrees, 375
English
at Polytechnic campus
  English as a Second Language (ESL), 137
at Tempe campus
  in American English and Culture Program, 73
  Business English certificate, 136
  competency for international students, 73
course descriptions, 539
Department of, 537
English (BA), 537, 697
English as a Second Language (ESL), 137
graduate degrees, 539
minor, 538
placement examinations, 79
at West campus
course descriptions, 721
English (BA), 715
minor, 716
English/Spanish translation certificate, 583
Enriched College Degree certificate, 509
Enrollment. See also Admission(s); Registration
continuous, 89
numbers, 28
at Polytechnic campus, 204
types of, 83
verification guidelines, 157
  for undergraduate, 82
Entrepreneurship, Small Business and, certificate, 294
Environmental analysis and programming, 323
course descriptions, 324
Environmental chemistry concentration, 526
Environmental Design and Planning
course descriptions, 318
Environmental engineering
  as area of study in Chemical Engineering, 395
  as concentration in Civil Engineering, 406
Environmental Research and Policy, Southwest Center for (SCERP), 51
Environmental Science and Ecology
course descriptions, 611
concentration, 601
course descriptions, 611
Environmental Studies, Center for. See International Institute for Sustainability,
Environmental Technology Management (BS), 265
course descriptions, 267
EOC (Bank One Economic Outlook Center), 39
EPRU (Education Policy Research Unit), 42
EPSL (Education Policy Studies Laboratory), 42, 350
Equal opportunity/affirmative action policies, 28
ESRI (Exercise and Sport Research Institute), 47
Essential functional abilities of the undergraduate nursing student, 176
Ethics
  Biology and Society, Center for, 45
certificate, 622
  Joan and David Lincoln Center for Applied (LCAE), 48
Ethnic Studies Program at West campus, 698
certificate, 699
course descriptions, 700
Ethnicity, Race, and First Nations Studies (BA), 698
minor, 699
Evaluation, Office of University, 37
Evelyn K. Smith Music Theatre, 35
Examination(s)
  for admission, 66
  Arizona Educators Proficiency Assessment, 350
  comprehensive, 75
  entrance, 75
  placement, 79
  proficiency, 75
Exchange programs, 170. See also International programs; Study abroad programs
Exercise and Sport Research Institute (ESRI), 47
Exercise and Wellness. See also Kinesiology
course descriptions, 235
Department of, 233
Exercise and Wellness (BS), 233
graduate degrees, 235
Exercise Biochemistry Lab, 47
Exercise Endocrinology Lab, 47
Expulsion, 87
Extended Education, School of, administrative personnel, 849
closely programs of, 136
degree programs of, 656
directory, 898
distance learning, 135
Downtown Center at ASU, 32
downtown partnerships, 138
internet programs, 135
lectures, 138
locations, 135
professional development certificates, 136
television courses, 135
tuition and fees, 134

F

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

Fine arts
in General Studies requirement, 94
and performance facilities, 34
Fine Arts, Katherine K. Herberger College of. See also specific degree programs and courses
academic organization of, 20
academic standards, 440
accreditation of, 856
admission to, 437
Art, School of, 442
Arts, Media, and Engineering (AME), 39
course descriptions, 456
Dance, Department of, 464
degree programs of, 438, 439, 440
graduate programs in, 438
Institute for Studies in the Arts, 39
minors, 438
Music, School of, 470
organization of, 437
research centers of, 43
special programs of, 440
teacher certification and, 438
Theatre and Film, Department of, 483
Fine Arts Center, J. Russell and Bonita Nelson, 35
Fingerprint clearance requirements
for Nursing, College of, 176
for student teaching, 356
Fire Service Management
certificate, 136
concentration, 266
course descriptions, 268
First-Year Composition requirements, 89, 359
First-Year Seminar, 63
FLASH bus, 55
Fletcher Library, 33, 659
Flight concentration, professional, 250
Food, agribusiness, and consumer products marketing
concentration, 208
Food and nutrition management concentration, 241, 242
Food retailing concentration, 210
Food science concentration, 208
Food service management concentration, 243
Foreign languages. See also Languages and Literatures,
Department of
course descriptions, 585
Department of, 580
majors, 580
minors in, 582
placement examinations in, 79, 585
requirements for, 159
in Liberal Arts and Sciences, College of, 584
Foreign study programs. See Study abroad programs
Forensics, 287
Fraternity(ies), 281
Free Application for Federal Student Aid (FAFSA), 59, 61
Freedom of speech policies, 29
French
course descriptions, 587
French (BA), 581
minor, 582
Frequently Asked Questions, 25
Freshman Year Experience
at Polytechnic campus, 205
at Tempe campus, 279, 282
Fulton ambassadors, 378
Fulton Engineering School. See Engineering, Ira A. Fulton
School of
Fulton scholars, 378
Fulton Undergraduate Research Initiative, 377

G
Galleria, The, 35
Gallery(ies). See Collections and galleries
Galvin Playhouse, Paul V., 35
Gammage, Grady, 30
Gammage Memorial Auditorium, 35
General aptitude requirements, 68
General building construction concentration, 382
General information, 28
General military courses (GMC), 515
General Studies, 89, 93
abbreviations for, 95
awareness areas, 94
courses, 96
at East College, 214
requirements, 95
transfer credit, 95
Geographic Information Science certificate, 161, 511, 549
Geography
course descriptions, 549
Department of, 547
Geography (BA, BS), 547
minor, 549
Geological Sciences
course descriptions, 554
at West campus, 702
Department of, 553
Geological Sciences (BS), 553
graduate degrees, 554
minor, 554
Geotechnical engineering emphasis, 402
degree requirements, 404
German
course descriptions, 589
German (BA), 581
minor, 583
Gerontology
certificate in, 126, 686
INDEX

course descriptions, 687
Interdisciplinary Studies (BIS) concentration, 126
minor in, 687
GFM (Golf and facilities management concentration), 209
Glendale Community College at West campus, 666
Global awareness, 94
Global Business
course descriptions, 676
Global Business (BS), 669
Global Institute of Sustainability, 51
Global Management and Leadership, School of. See also specific departments and degree programs
academic organization of, 21, 667
academic standards of, 668
Accounting, Department of, 671
admission to, 671
degree programs, 667
Economics, Finance, Marketing, and Quantitative Business Analysis, Department of, 675
graduation requirements, 668
Management, Department of, 676
Global Studies, School of, 556
Global Technology and Development course descriptions, 270
GMAT (Graduate Management Admission Test) tutoring, 285
GNO (Graduate Nurse Organization), 181
Goldwater Materials Visualization Facility (GMVF), 46
Golf and facilities management (GFM) concentration, 209
Golf management, professional (PGM) concentration, 208
course descriptions, 213
Good standing, 86
Grade point average (GPA), 83
calculation, 85
defined, 26
Grades
academic standards and, 86, 155
appeal procedures for, 85
at West campus, 655
definition of, 83
optional systems, 83, 505
Pass/Fail, 505
requirements for graduation, 89
Grading system, 83
Graduate Council, 153
Graduate degrees. See also Graduate Studies, Division of, or specific schools and departments
abbreviations for, 163
offered by Business, W. P. Carey School of, 291
offered by Design, College of, 315
offered by Education, College of, 361
offered by Engineering, Ira A. Fulton School of, 375
offered by Fine Arts, Katherine K. Herberger College of, 438
offered by Law, College of, 498
offered by Liberal Arts and Sciences, College of, 501
offered by Nursing, College of, 177
at Polytechnic campus, 163, 247
offered by Public Programs, College of, 193
at Tempe campus, 163
at West campus, 163, 679, 756
Graduate Management Admission Test (GMAT) tutoring, 285
Graduate Nurse Organization (GNO), 181
Graduate Record Exam (GRE) tutoring, 285
Graduate Studies, Division of, 150
academic integrity, 160
academic membership, 860
academic organization, 20
admission to, 153
classifications of, 155
advising, 152, 157
appeals on grades, 158
application, 154
certificates offered by, 151
classification of courses, 158
course descriptions, 152
course load, 156
degree requirements, 157
degrees offered by, 163
interdisciplinary, 161
dissertations, 160
diversity programs of, 152
English language requirement, 154
enrollment verification, 157
Financial Support Office, 152
foreign language requirements, 159
format advising, 153
general information, 150
grading, 157
Graduate Council, 153
interdisciplinary programs of, 151, 161
international applicants, 154
library system, 151
misconduct in research and creative activities, 160
nondegree study, 151
offices of, 153
organization, 10
orientations, 153
at Polytechnic campus, 216
procedures, 156
professional degrees offered, 151
programs, 150
publications program, 153
readmission, 155
registration, 156
research facilities, 151
research programs of, 151
student academic services, 153
student support services, 152
supervisory committees of, 159
theses, 160
transfer of credits, 159
at West campus, 659
withdrawal, 156
Graduation
application from Graduate Studies, Division of, 160
declaration of, 91, 654
fee, 56
requirements for, 89
from Barrett Honors College, 147
from West campus, 654
Grady Gammage Memorial Auditorium, 35
Grants, 59
Graphic Design
course descriptions, 347
Graphic Design (BSD), 344
programs of study in, 346
Graphic Information Technology (BS), 265
course descriptions, 269
Graphics, technical, concentration, 266
GRE (Graduate Record Exam) tutoring, 285
Greek (ancient)
course descriptions, 590
foreign language requirement for, 584
Greek Life, 281
Guitar concentration, 474

H
Harassment policies, 29
Harrington Department of Bioengineering, 386
Harry Wood Gallery, 35
Hayden Library, 33
Hazardous Materials and Waste Management Program
certificate, 265
HCDR (Herberger Center for Design Research), 41
Health and Wellness Center, Student. See Campus Health Service
Health insurance, 285
Health Management and Policy, School of, 302
Health Professions Advisory Committee, 700
Health promotion concentration, 233
Health Science course descriptions, 578, 690
Health Sector Management course descriptions, 302
Healthcare Organizations and Society certificate, 295, 511
Heavy construction concentration, 382
Hebrew course descriptions, 590
Help Desk/Consulting, 37
Herberger Center for Design Research (HCDR), 41, 313
Herberger College of Fine Arts. See Fine Arts, Katherine K. Herberger College of
High-Pressure Research Facility, 46
High Resolution Electron Microscopy, Center for (CHREM), 46
Higher and Postsecondary Education
course descriptions, 369
Higher Learning Commission, 855
Hispanic Leadership Institute, 137
Hispanic Mother/Daughter Program, 282
Hispanic Research Center (HRC), 48
Historical awareness, 94
History
of ASU, 29
at Tempe campus
course descriptions, 559
Department of, 557
graduate degrees, 558
History (BA), 557, 697
minor, 558
at West campus
course descriptions, 723
History (BA), 717
minor, 718
History and Philosophy of Science
Biological and Society, Center for, 45
certificate, 512, 602
course descriptions, 607
Home Safe Violence Prevention and Advocacy Center, 285
Honor Code, 497
Honors College, Barrett, 145, 663
academic organization of, 19
admission to, 146
course classifications, 63
course descriptions, 148
events for, 146
Lorraine Frank Office of National Scholarship Advisement, 145
Philosophy, Politics, and Law certificate, 148
at Polytechnic campus, 203
programs for, 145
in Business, W. P. Carey School of, 295, 299
in Design, College of, 317
in Engineering, Ira A. Fulton School of, 379
in Liberal Arts and Sciences, College of, 508, 536
in Nursing, College of, 180
In Public Programs, College of, 187
in Technology and Applied Sciences, College of, 248
research opportunities, 145
retention, 146
transcript recognition for, 147
at West campus, 663
course descriptions, 664
Hope Scholarship, 61
Housing and Urban Development (BSD), 337
programs of study, 340
Housing for students, 25, 55, 172, 205. See also Residential Life
HRC (Hispanic Research Center), 48
Hugh Downs School of Human Communication. See Communication, Hugh Downs School of Human
Health Studies, course descriptions, 237
Faculty of, 237
Human Health Studies (BA, BS), 237
Human nutrition concentration, 242
Human Origins, Institute of (IHO), 48
Human Services, College of, 677
academic organization of, 677
accreditation of, 857
Communication Studies, Department of, 678
Gerontology Program, 686
Nursing Program, 687
Prelaw Minor program, 695
Recreation and Tourism Management, Department of, 688
research centers, 43
Social Work, Department of 692
Humanities
 in General Studies requirements, 94
Humanities Research, Institute for, 48

IBeAM (Ion Beam Analysis of Materials Facility), 46
ID card, 54
IGERT (Integrative Graduate Education and Research Training), 51
IHO (Institute of Human Origins), 48
IMES (Institute for Manufacturing Enterprise Systems), 41
Immigration Programs for International Faculty and Scholars, Office of, 171
Immunization requirement, 74
for Nursing, College of, 176
IN-VSEE (Interactive Nano-Visualization for Science and Engineering Education), 46
InCISE (Institute for Computing and Information Science and Engineering), 51
INCITE (Integrated Certification in Teacher Education), 354
Income Tax Practitioners’ Workshop, 137
Incomplete grade, 83
Independent learning courses, 361, 505
Indian (American). See also Native Americans
Indian Data Center, Labriola National American, 34
Indian Education, Center for, 42, 350
Indian education course descriptions, 366
Indian Legal Clinic, 497
Indian Legal Program, 496
Journal of American Indian Education, 42

Indigenous Teacher Preparation Program, 353
Indonesian course descriptions, 590
Industrial Design
course descriptions, 330
Industrial Design (BSD), 326
 programs of study, 329
minor, 327
Industrial Engineering
course descriptions, 424
Department of, 421
Industrial Engineering (BSE), 421
program of study, 423
Information Technology, 36. See also Computer-associated degrees
Digital Media and Instructional Technologies (DMIT), 36
Initial Teacher Certification (ITC) Program, 350, 363. See also Education (BAE)
aademic specializations, 289, 356
academic standards for, 361
admission to, 350
Apprentice Teacher Program (ATP), 351, 352, 357
art education concentration, 448
business specialization, 290
certification, 361
courses, 355
dance education concentration, 466
Diné Teacher Education Program, 353
Early Childhood Interprofessional Program (ECD), 353
Elementary Education Partnership Program (EED), 353
field experience requirements, 355
Integrated Certification in Teacher Education (INCITE), 354
Multilingual/Multicultural Program, 354, 358
music education (BM), 471
programs of study, 363
Secondary Education (SED), 354, 359
Special Education (SPE), 354
Teacher Education for Arizona Mathematics and Science (TEAMS), 354
InnovationSpace, 41, 313
Installment plan for tuition, 53
Institute for Manufacturing Enterprise Systems (IMES), 41
Institute(s). See Center(s) and Institute(s)
Instruction Support Lab (IS), 36
Instructional Media course descriptions, 232
Instructor-initiated drop of courses, 84, 156
Instrumental concentration, 472
Instrumentation concentration, 256
Insurance
for international students, 74
medical
at Tempe campus, 285
at West campus, 660
for Nursing, College of, 176
INDEX

Integrated Certification in Teacher Education (INCITE), 354
Integrated circuit materials emphasis, 398
Integrated Natural Sciences, Department of, 700
Integrated Studies (BA, BS), 508
Integrative Graduate Education and Research Training (IGERT), 51
Integrative Studies
  Applied Science (BAS), 705
  course descriptions, 707
  Integrative Studies, Department of, 704
  Integrative Studies (BA), 697
  minor in philosophy, 707
Intelligent Stage, 35, 39
Interactive Nano-Visualization for Science and Engineering Education (IN-VSEE) project, 46
Intercollegiate athletics, 287
Interdisciplinary Arts and Performance
course descriptions, 711
Interdisciplinary Arts and Performance, Department of, 709
Interdisciplinary Arts and Performance (BA), 711
Interdisciplinary Arts and Sciences, New College of, academic organization of, 20, 21, 696
course descriptions, 713
degree programs, 696
Ethnic Studies Program, 698
Integrative Studies, Department of, 704
Interdisciplinary Arts and Performance, Department of, 709
Language, Cultures, and History, Department of, 714
Mathematical Sciences and Applied Computing, Department of, 725
Religious Studies Program, 729
Social and Behavioral Sciences, Department of, 734
Women's Studies Program, 730
Interdisciplinary Organizational Studies minor, 654
Interdisciplinary programs, graduate, 161
Interdisciplinary Studies, School of, 139. See also Interdisciplinary Studies (BIS)
course descriptions, 140
Interdisciplinary Studies (BIS), 126, 132, 139
  African and African American studies concentration, 519
  American Indian studies concentration, 523
  anthropology concentration, 569
  applied biological sciences concentration, 221
  architectural studies concentration, 322
  art history concentration, 445
  Asian Pacific American studies concentration, 524
  Asian studies concentration, 509
  astronomy concentration, 626
  biology concentration, 598
  business concentration, 289
  chemistry concentration, 529
  Chicana and Chicano studies concentration, 533
  Chinese concentration, 584
  classical studies concentration, 511
  communication concentration, 565
  computational mathematical sciences concentration, 615
  creative writing concentration, 538
  dance concentration, 467
  design studies concentration, 327
  East European studies concentration, 513
  economics concentration, 536
  in education, 361
  environmental resources concentration, 222
  ethics concentration, 622
  family studies/child development concentration, 544
  fire service management concentration, 267
  food and nutrition management concentration, 241
  French concentration, 584
  geography concentration, 549
  geological sciences concentration, 554
  German concentration, 584
  gerontology concentration, 126
  hazardous materials and waste management concentration, 266
  history and philosophy of science concentration, 602
  history concentration, 558
  human nutrition concentration, 243
  international business studies concentration, 305
  Islamic Studies concentration, 512
  Italian concentration, 584
  Japanese concentration, 584
  Jewish studies concentration, 512
  justice studies concentration, 573
  kinesiology concentration, 578
  landscape studies concentration, 322
  language concentration, 584
  Latin American studies concentration, 513
  linguistics concentration, 538
  literature concentration, 538
  mass communication concentration, 493
  mathematics concentration, 615
  medieval and Renaissance studies concentration, 513
  microbiology concentration, 602
  multimedia writing and technical communication concentration, 239
  music concentration, 478
  nonprofit/youth agency administration concentration, 190
  nutrition concentrations and, 243
  philosophy concentration, 622
  physics concentration, 626
  plant biology concentration, 602
  political science concentration, 631
  at Polytechnic campus, 214
  psychology concentration, 636
public administration concentration, 193
quality analysis concentration, 294
recreation management concentration, 190
religious studies concentration, 639
Russian and East European studies concentration, 513, 584
Scandinavian studies concentration, 514
small business concentration, 226
social welfare concentration, 196
sociology concentration, 643
Southeast Asian studies concentration, 514
Spanish concentration, 584
speech and hearing science concentration, 646
statistics concentration, 615
at Tempe campus, 139
theatre concentration, 487
tourism concentration, 190
translation concentration, 584
urban planning concentration, 338
wellness foundations concentration, 234
women and gender studies concentration, 649
writing concentration, 538
Intergroup Relations Center (IRC), 29
Interior Design
course descriptions, 335
History
Interdisciplinary Studies (BIS), 332
minor, 332
Interior Design (BSD), 332
programs of study, 334
Intermedia
course descriptions, 451
course descriptions, 461
International agribusiness concentration, 208
International Baccalaureate (IB) Diploma/Certificate, 75
International Business Studies
certificate, 304
with Economics major, 535
course descriptions, 305
International programs, 282. See also Study abroad programs
course prefixes for, 64
International Programs Office (IPO)
at Polytechnic campus, 203
at Tempe campus, 170
at West campus, 659
International Student Office (ISO), 282
International students
admission of, 72, 154
to Engineering, Ira A. Fulton School of, 373
to Graduate Studies, Division of, 154
enrollment of, 74
transfer credits, 70
West campus services, 659
International Studies
certificate, 630
concentration, 631
Internet and Web Development concentration, 267
Internet courses, 135
Internships, 133
in Barrett Honors College, 146
in Business, W. P. Carey School of, 295, 307
in Communications, 564
in Counseling and Consultation, 285
in Design, College of, 316
in Engineering, Ira A. Fulton School of, 379
international, 296
in Liberal Arts and Sciences, College of, 501
Interpreters Theatre, 287
Ion Beam Analysis of Materials (IBeAM) Facility, 46
IPO (International Programs Office), 170
Ira A. Fulton Research Institute, 43
Ira A. Fulton School of Engineering. See Engineering, Ira
A. Fulton School of
IRC (Intergroup Relations Center), 29
IS (Instruction Support Lab), 36
ISA (Institute for Studies in the Arts), 39
Islamic Studies certificate, 512
with Religious Studies major, 639
ISO (International Student Office), 282
Italian (BA), 581
course descriptions, 590
minor, 583
Iter, 44

J
J. Russell and Bonita Nelson Fine Arts Center, 35
Japanese (BA), 581
course descriptions, 591
minor, 583
Jazz concentration, 475
Jewish Studies certificate, 512
with History major, 558
with Religious Studies major, 639
Joan and David Lincoln Center for Applied Ethics (LCAE), 48
John F. Roach Global Lectures in Social Policy and Practice Lecture Program, 138
John J. Ross–William C. Blakley Law Library, 33
Joint Admission Continuous Enrollment, 64
Joint degrees. See Dual degree programs
Journal of American Indian Education, 42
Journalism and Mass Communication, Walter Cronkite School of, 491
admission to, 491
degree programs of, 492
Journalism (BA), 492
INDEX

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

K
KAET Television, 36
KASC Radio, 287
Katherine K. Herberger College of Fine Arts. See Fine Arts, Katherine K. Herberger College of
Katzin Concert Hall, 35
Kerr Cultural Center, 35
Keyboard concentration, 475
Kids’ Evening Enrichment Program, 659
Kinesiology. See also Exercise Science and Wellness
course descriptions, 578
Department of, 576
Kinesiology (BS), 576
minor, 578
Korean course descriptions, 592

L
L. William Seidman Research Institute, 296
Laboratory(ies). See also Center(s) and Institutes and Facilities
  Center for High Resolution Electron Microscopy (CHREM), 46
  Child Development Laboratory, 280
  Child Study Laboratory, 280
  of Design, College of, 313
  Digital Media and Instructional Technologies (DMIT), 36
  Education Policy Studies (EPSL), 42
  Exercise and Sport Research Institute (ESRI), 47
  Exercise Biochemistry, 47
  Exercise Endocrinology, 47
  Goldwater Materials Science, 46
  Instructional Support (DMIT) Lab, 36
  Ion Beam Analysis of Materials (IBeAM) Facility, 46
  Materials Facility (MF), 46
  Materials Science Electron Microscopy Laboratory (MSEML), 46
  Motor Control, 47
  Phoenix Urban Research Laboratory (PURL), 41
  Scanning Probe Microscopy (SPM), 46
  Secondary Ion Mass Spectrometry (SIMS), 46
  Sport and Exercise Psychology, 47
  University Dance, 36
  Labriola National American Indian Data Center, 34
  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
Languages and Literatures, Department of, 580. See also
  Foreign languages
certificates offered by, 583
  graduate degrees, 584
  majors, 580
Las Casas, 662
Last Lecture Series, 280
Latin
course descriptions, 592
foreign language requirement for, 584
Latin American Studies
as Business, W. P. Carey School of, emphasis, 296
center for, 48
certificate in, 512
  with Anthropology major, 569
  with Economics major, 299, 535
  with Geography major, 547
  with History major, 558
  with Political Science major, 630
  with Religious Studies major, 639
  with Spanish major, 583
Law. See also Law, College of
  prelaw business studies, 296
  prelaw minor program at West campus, 695
  preprofessional advising, 296, 500
Law, College of, 496
  academic memberships of, 858
  accreditation of, 856
  admission to, 497
  Center for the Study of Law, Science, and Technology, 496
  Clinical Program, 497
degree programs of, 498
  library, 496
  research centers, 44
  special programs of, 496
Law, Science, and Technology, Center for the Study of, 44, 496
Law and Philosophy, Committee on, 497
Law Enforcement Management concentration, 267
Law School Admission Test (LSAT) tutoring, 285
LCAE (Joan and David Lincoln Center for Applied Ethics), 48
Leadership and Management concentration, 669
LEAP (Leveraging Educational Assistance Partnership), 59
Learning and Teaching Excellence, Center for (CLTE), 38
   course descriptions, 38
Learning Communities, 508
Learning Enhancement Center, 659
Learning Resource Center (LRC), 284
   for Nursing students, 181
Learning Support Services, 282
Legal and Ethical Studies
   course descriptions, 311
   at West campus, 674
Legal Assistance, Student, 280
Lesbian, Gay, Bisexual, and Transgender Studies
   certificate, 187
Leveraging Educational Assistance Partnership (LEAP), 59
Liberal Arts and Sciences, College of. See also specific
departments and programs
   academic memberships of, 858
   academic organization of, 19
   academic standards for, 505
   accreditation of, 856
   admission to, 500
   advising, 500
   Aerospace Studies, Department of, 515
   African and African American Studies program, 517
   American Indian Studies Program, 522
   Asian Pacific American Studies Program, 524
   centers of, 44, 515
   certificate programs of, 510
   Chemistry and Biochemistry, Department of, 525
   Chicana and Chicano Studies, Department of, 533
   CLASworks, 501, 508
   Computational Biosciences, 535
   concentrations of, 502
   degree programs of, 501, 506
     graduate, 501
     undergraduate, 502
   Economics, 535
   English, Department of, 537
   Family and Human Development, Department of, 544
   Film and Media Studies, 545
   Geography, Department of, 547
   Geological Sciences, Department of, 553
   Global Studies, School of, 556
   History, Department of, 557
   Human Communication, Hugh Downs School of, 564
   Human Evolution and Social Change, School of, 567
   Integrated Studies, 508
   Justice and Social Inquiry, School of, 572
   Kinesiology, Department of, 576
   Languages and Literatures, Department of, 580
   Life Sciences, School of, 597
   majors of, 502
   Mathematics and Statistics, Department of, 612
   Military Science, Department of, 620
organization of, 19, 500
   Philosophy, Department of, 622
   Physics and Astronomy, Department of, 624
   Political Science, Department of, 629
   Psychology, Department of, 635
   Religious Studies, Department of, 639
   research centers of, 44
   Sociology, Department of, 642
   special programs in, 508
   Speech and Hearing Science, Department of, 646
   Women and Gender Studies Program, 648
Liberal Studies (BLS), 508
Library Information, Systems, and Technology, 33
Library science course descriptions, 367
Library(ies)
   of Design, College of, 33, 313
   of Institute of Human Origins, 48
   Law, College of, 33, 496
   Polytechnic campus, 33, 202
   Tempe campus, 33
   West campus, 33, 659
Life Sciences
   School of, 597
     Biology (BS), 597
     Clinical Laboratory Sciences (BS), 598
     Conservation Biology (BS), 599
     graduate programs, 603
     History and Philosophy of Science, certificate, 602
     Interdisciplinary Studies (BIS), 602
     Microbiology (BS), 599
     minor, 602
     Molecular and Cellular Biology, 603
     Molecular Biosciences and Biotechnology (BS), 600
     Plant Biology (BS), 600
     Secondary Education (BAE), 603
at West campus
   course descriptions, 702
   Life Sciences (BS), 697
   minor, 701
Lifetime Learning tax credits, 61
Lincoln Center for Applied Ethics (LCAE), Joan and David, 48
Linda Haskell Memorial Master Class on Current Social
   Events, 138
Linguistics
   course descriptions, 543
   interdisciplinary program, 538
Loans, 60
Lorraine W. Frank Office of National Scholarship
   Advisement, 145
Louise Lincoln Kerr Cultural Center, 35
Low Power Electronics (CLPE), Center for, 43
LRC (Learning Resource Center), 284
LSAT (Law School Admission Test) tutoring, 285
Lyceum Theatre, 35
INDEX

M

Macedonian course descriptions, 592
Management
of agribusiness concentration, 208
course descriptions, 308
at West campus, 676, 727
Department of, 306
at West campus, 676
Global Management and Leadership, School of, 667
graduate degrees, 308
Management (BS), 307
programs of study in, 307
School of, 857
Management of agribusiness concentration, 208
Manufacturing and materials processing emphasis, 398
Manufacturing Engineering Technology (BS), 260
course descriptions, 260
Manufacturing Enterprise Systems, Institute for (IMES), 43
Manufacturing Technology and Management
concentration, 261
Map Collection, 33
Maps
of Polytechnic campus, 277
of Tempe campus, inside back cover
of West campus, 757
Margaret Francis Disability Resource Center (DRC), 658
Marketing
concentration, 670
course descriptions, 309
at West campus, 675
Department of, 309
food, agribusiness, and consumer products marketing, 208
Marketing (BS), 309
at West campus, 675
Martin Luther King Jr. Day of Service, 281
Mass Communication. See Journalism and Mass Communication, Walter Cronkite School of
Master's degrees. See Graduate degrees
Materials emphasis, 395
Materials Joining and Manufacturing Technology
concentration, 261
Materials Research Science and Engineering Center (MRSEC), 46
Materials Science and Engineering (BSE), 396
areas of study, 398
course descriptions, 400
course requirements, 397
programs of study, 398
Materials Science Electron Microscopy Laboratory (MSEML), 46
Mathematics
at Tempe campus
course descriptions, 616
in General Studies Requirement, 89, 93
graduate degrees, 616
Mathematics (BA, BS), 612
Actuarial science concentration, 615
Statistics concentration, 614
minor, 615
placement examinations in, 79
and Statistics, Department of, 612
at West campus
course descriptions, 727
Mathematical Sciences and Applied Computing,
Department of, 725
minor, 726
Matthews, Arthur John, 33
Mechanical and Aerospace Engineering
Aerospace Engineering (BSE), 426
course descriptions, 431
Department of, 425
integrated BSE-MS program, 425
Mechanical Engineering (BSE), 429
Mechanical and Manufacturing Engineering Technology
course descriptions, 262
Department of, 259
Mechanical Engineering (BSE), 429
program of study, 431
Mechanical Engineering Technology (BS), 260
course descriptions, 260
Mechanical metallurgy emphasis, 398
Mechanical metallurgy emphasis, 398
Mediation Clinic, 497
Medical technology course descriptions, 607
Medical withdrawal, 84
Medicinal chemistry concentration, 528
Medieval and Renaissance Studies certificate, 513
with History major, 558
Medieval and Renaissance Texts and Studies (MRTS), 44
Mediterranean Studies, 44
Memorial Union (MU), 279
Mental health services. See Counseling services
Metallic materials systems emphasis, 398
Metals
concentration, 452
course descriptions, 461
Meteorite Studies, Center for, 45
Meteorology-climatology concentration, 548
Microbiology
course descriptions, 608
Microbiology (BS), 599
minor, 602
Microelectronics concentration, 255
Microelectronics engineering technology course
descriptions, 257
Microfilm fee, 54
Midterm report, 86
Military members and residency classification, 57
Military officer training, 130, 508
Military Science (Army ROTC). See also ROTC Studies
Department of, 620
Minority Engineering Program, 378
Minors, 92, 126, 127. See also specific degree programs
Misconduct in scholarly research and creative activities, 160
Molecular and cellular bioengineering emphasis, 390
Molecular and Cellular Biology
course descriptions, 608
Molecular Biosciences and Biotechnology (BS), 600
Molecular biosciences/biotechnology course descriptions,
608
Morrison Institute for Public Policy, 50
Morrison School of Agribusiness and Resource
Management. See Agribusiness and Resource
Management, Morrison School of
Motor Control Lab, 47
MRSEC (Materials Research Science and Engineering
Center), 46
MRTS (Medieval and Renaissance Texts and Studies), 44
MSC (Multicultural Student Center), 282
MSEML (Materials Science Electron Microscopy
Laboratory), 46
MU (Memorial Union), 279
Multicultural Student Center (MSC), 282
Multicultural Student Services (MSS), 659
Multilingual/Multicultural Education Program program of
study, 358
Multimedia Writing and Technical Communication
certificate, 239
course descriptions, 239
Faculty of, 238
Multimedia Writing and Technical Communication (BAS,
BS), 238
Municipal operations management concentration, 267
Museum Studies
certificate, 510, 513
concentration, 446
Music
concentration, 478
course descriptions, 478
at West campus, 751
Music (BA, BM), 471
School of, 470
admission to, 470
degree programs of, 471
diagnostic examinations, 471
graduate programs in, 478
instrument rental fee, 54
library of, 33
minor, 478
Music Education, 471
Music Theatre, 476
Music Therapy, 473
Performance major, 474
private instruction fee, 54
special programs of, 440
Theory and Composition major, 477
student activities, 287
Music Theatre, 35

N
National Food and Agricultural Policy Project (NFAPP),
206
National Scholarship Advisement, Lorraine W. Frank
Office of, 145
Native Americans
Achievement Program, 282
American Indian Students United for Nursing (ASUN),
181
American Indian Studies Program, 522
Diné Teacher Education Program, 353
Indian Education, Center for, 42, 350
Indian Legal Program, 496
Journal of American Indian Education, 42
Labriola National American Indian Data Center, 34
residency classification policy for, 58
Student Services Office at West campus, 659
Summer Institute, 282
Natural Sciences in General Studies requirements, 94
Navajo teacher program, 353
NCLEX-RN requirements, 175
Nelson Fine Arts Center, 35
New College of Interdisciplinary Arts and Sciences. See
Interdisciplinary Arts and Sciences, New College of
Noble Science and Engineering Library, 33
Nondegree admission
graduate, 151, 155
undergraduate, 74
Nonprofit Leadership and Management
Center for (CNLM), 49, 187
Certificate Program, 187
course descriptions, 190
Nonprofit Youth and Human Service Leadership and
Management certificate, 190
Normal School of Arizona, 29
North Central Association, 855
Northlight Gallery, 35
Norwegian course descriptions, 592
Notification of admission, 75
Numbering system for courses, 62
Nursing, College of, 174
academic organization of, 20
academic standards of, 179
accreditation of, 855
admission to, 174
INDEX

American Indian Students United for Nursing (ASUN), 181
American Museum of, 181
Arizona State Board of Nursing requirement, 175
centers, 180
course descriptions, 182
degree programs of, 178
fees for, 180
fingerprint clearance requirements for, 176
grading policy, 180
health requirements for, 176
honors, 180
insurance requirements, 176
Nursing (BSN, MS), 176, 177
Nursing Students for Ethnic and Cultural Diversity, 181
organization of, 174
Registered Nurse (RN) programs, 177
admission to, 175
degree requirements, 179
special programs, 180
Nutrition
concentrations, 241
course descriptions, 243
Department of, 240
minor, 242
Nutrition (BS), 240

O

Occupational therapy and WICHE, 130
Office of University Evaluation, 37
Omnibus course abbreviations, 63
Online courses, 135
Open Horizons, 280
Opera option, 475
Operations and Production Management
course descriptions, 676
Operations management technology (BS, BAS), 265
course descriptions, 270
Optometry and WICHE, 130
Orchestral instrument concentration, 476
Organ Hall, 35
Organization, academic, 19
Orientations, 153
Osteopathy and WICHE, 130

P

Painting
concentration, 453
course descriptions, 462
Panhellicn councils, 281
Parent Loan for Undergraduate Students (PLUS), 60
Parking
at Tempe campus
fees, 54
refunds of, 56
Summer Session, 172
violations, 55
at West campus, 660
Partnership in Baccalaureate Education, 201, 214
Pass/fail enrollment, 83
in Engineering, Ira A. Fulton School of, 374
in Liberal Arts and Sciences, College of, 505
Passport Acceptance Office, 33
Paul V. Galvin Playhouse, 35
Payments, tuition, 55
Pell Grant, 59
Performance
dance concentration, 466
music, 474
Performing arts facilities, 34
Perkins Loan, 60
Personally identifiable information, 88
Petition for variance, 91
PQM (Professional Golf Management), 208
Philosophy
at Tempe campus
course descriptions, 623
Department of, 622
Philosophy (BA), 622
at West campus
course descriptions, 708
minor, 707
Philosophy, Politics, and Law certificate, 148
Phoenix Urban Research Laboratory (PURL), 41
Photography
course descriptions, 462
specialization, 454
Photosynthesis, Center for the Study of Early Events in, 46
Physical education concentration, 229
course descriptions, 232
Physical geography course descriptions, 552
Physical sciences course descriptions, 627
Physician assistant, WICHE program for, 130
Physics
and Astronomy, Department of, 624
course descriptions, 627
at West campus, 707
minor, 625
Physics (BS), 624
Piano, collaborative concentration, 476
Pilot training, 250
Placement auditions
for dance, 464
for music, 470
Placement examinations, 79
for foreign language requirements, 585
Planning, School of, 337
admission to, 338
degree programs of, 337
graduate degrees, 338
portfolio requirements for, 338
program of study, 337
Plant biochemistry and molecular biology
course descriptions, 611
Plant Biology
course descriptions, 610
Plant Biology (BS), 600
PLUS (Parent Loan for Undergraduate Students), 60
Political Science
at Tempe campus
course descriptions, 632
Department of, 629
minor, 630
Political Science (BA, BS), 629
at West campus
course descriptions, 738
minor, 732
Political Science (BA, BS), 731
Polymers and composites engineering emphasis, 398
Polytechnic campus, 41. See also specific colleges, programs, and schools
Academic Resource Center, 203
accreditation of, 200, 855
administrative personnel, 849
admission to, 201
advising, 202
Aeronautical Management Technology, Department of, 249
Agribusiness and Resource Management, Morrison School of, 206
Applied Biological Sciences, Department of, 219
Applied Psychology, Faculty of, 224
Business Administration, Faculty of, 225
career services, 286
centers of, 41
child care, 205
computing services, 202
Computing Studies, Division of, 271
counseling services, 204
degree programs of, 13
directory of, 899
East College, 214
Education, Faculty of, 227
Electronics and Computer Engineering Technology, Department of, 254
Engineering, Department of, 258
enrollment, 204
Exercise and Wellness, Department of, 233
faculty and academic professionals, 767
Freshman Year Experience, 205
health center, 204
history of, 200
Honors College programs, 203
housing and residential life, 205
Human Health Studies, Faculty of, 237
library services, 202
map of, 277
Mechanical and Manufacturing Engineering Technology, Department of, 259
Morrison School of Agribusiness and Resource Management, 206
Multimedia Writing and Technical Communication, Faculty of, 238
Nutrition, Department of, 240
organization of, 19, 200
Physical Activity Center, 204
recreation facilities, 204
student services, 204
Student Union, 204
Technology and Applied Sciences, College of, 245
Technology Management, Department of, 264
transfer to West campus, 658
Portuguese
course descriptions, 593
foreign language requirement for, 585
Postbaccalaureate programs
certificates, 131
in education
at Polytechnic campus, 228
at Tempe campus, 350, 351, 352, 354, 361
at West campus, 745, 756
Pre-health professions advising, 500
Prefix index for courses, 7
omnibus courses, 63
specialized, 64
Prelaw
advising, 501
prelaw minor program at West campus, 654, 695
studies, 296
Premedical studies
and biomedical engineering emphasis, 395
and Engineering Special Studies (BSE), 434
Preparing Future Faculty Program, 150
Preprofessional advising, 500
Prerequisite defined, 27
Preschool of College of Education, 280
Preveterinary medicine concentration, 209
Printmaking
concentration, 455
course descriptions, 463
Prism Theatre, 35
Probation, academic, 87
Process engineering emphasis, 395
Professional Continuing Education, 32
Professional Development, Center for, 371
Professional Field Experiences, Office of, 350
Professional flight concentration, 250
Professional golf management (PGM) concentration, 208
course descriptions, 213
Professional Nursing Program. See Nursing, College of
Professional officer courses (POC), 516
Professional Student Exchange Program, 130
Professional Teacher Preparation Program. See Initial Teacher Certification program
Program(s). See also Degree programs
Academic Program Promoting Leadership Enrichment and Service, 282
Academic Success, 133
Adult Re-entry, 282
African and African American Studies, 517
America Counts, 132
America Reads, 132
American English and Culture Program (AECP), 73
American Humanities Program, 49, 188, 190
American Indian Studies, 522
Asian Pacific American Studies, 524
Asian Studies, 294
assessment of, 37
of Barrett Honors College, 145
Bridge Discount, 285
of Business, W. P. Carey School of, 294
for children, 280
Clinics, of Law, College of, 497
Co-Curricular Programs and Activities (CCPA), 280
Community Service, 281
Creative Writing, 161
Distance Learning, 135
of Engineering, Ira A. Fulton School of, 377
fees for, 53
of Graduate Studies, Division of, 150
Immigration, for International Faculty and Scholars, 171
Indian Legal Program, 496
International, 170
Kids' Evening Enrichment Program (KEEP), 659
of Law, College of, 496
of Liberal Arts and Sciences, College of, 508
National Food and Agricultural Policy, 206
Nonprofit Leadership and Management, 187
of Nursing, College of, 180
peer mentoring, 282, 283, 665
Preparing Future Faculty, 152
Preparing Future Professionals, 152
Professional Student Exchange Program, 130
of Public Programs, College of, 187
Rodel Community Scholars, 295
Service Learning, 132
Small Business Program, 294
Student Leadership Program, 281
Traveling Scholar, 82
Upward Bound, 282
Veterans Upward Bound, 282
Washington Semester, 508
Project 1000, 48
Psychological services. See Counseling services
Psychology
at Polytechnic campus
course descriptions, 225
Psychology, Applied (BS), 224
at Tempe campus
course descriptions, 636, 638
Department of, 635
in Education, Division of, 369
Psychology (BA, BS), 635, 697
at West campus
course descriptions, 737
minor, 733
Psychology (BA, BS), 732
Public Administration and Public Management certificate, 192
Public Affairs
course descriptions, 193
School of, 192
Public Defender Clinic, 497
Public Programs, College of, 184. See also specific degree programs and courses
academic membership of, 857
academic organization of, 20
academic standards of, 187
admission to, 184
advising, 185
centers of, 49, 187
Community Resources and Development, School of, 189
degree programs of, 185
graduation requirements, 185
Morrison Institute for Public Policy, 50
organization of, 20, 184
Public Affairs, School of, 192
research centers of, 49
Social Work, School of, 193
special programs of, 187
Public Relations and Strategic Communications
minor, 680
PURL (Phoenix Urban Research Laboratory), 41, 313

Q
Quality Analysis certificate, 294
with Economics major, 535
Quantitative business analysis
course descriptions
at Tempe campus, 301
at West campus, 675
Department of Economics, Finance, Marketing, and Quantitative Business Analysis
at West campus, 675

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

Russian (BA), 582
Russian and East European Studies Center (REESC), 49
Russian and East European Studies certificate, 513
    with History major, 558
    with languages major, 583
    with Religious Studies major, 639

S

SAM (Social and Academic Mentor Program), 152
SAT (Scholastic Aptitude Test), 67
Satisfactory academic progress, 87
Satisfactory grade, 83
Scandinavian Studies
    certificate, 513
        with languages major, 583
        course descriptions, 594
Scanning Probe Microscopy Laboratory (SPM), 46
Scenography concentration, 485
SCERP (Southwest Center for Environmental Research and Policy), 51
Schedule of Classes, 62, 81
Scholarly Publishing course descriptions, 563
Scholarship(s), 59
    for Air Force ROTC, 516
    for Army ROTC, 620
    Lorraine W. Frank Office of National Scholarship Advisement, 145
Science Math Engineering Competition Awards (SMECA) scholarships, 378
    for Technology and Applied Sciences, College of, 248
Scholastic Aptitude Test (SAT), 67
Science, history and philosophy of, courses, 607
Science and Engineering Library, Daniel E. Noble, 33
Science and Engineering of Materials
    course descriptions, 161
    Science and Engineering of Materials (PhD), 161
Science and Technology Law certificate, 131
Science Math Engineering Competition Awards (SMECA) scholarships, 378
Sculpture
    concentration, 456
    course descriptions, 463
SDTV (Sun Devil Television), 286
Secondary Education,
    Applied Biological Sciences (BS), 220, 230
    course descriptions
        at Polytechnic campus, 233
        at Tempe campus, 367
        at West campus, 753
    Secondary Education (BAE)
    at Polytechnic campus, 228
    at Tempe campus, 359
    at West campus, 752
specializations
    anthropology, 569
    biological sciences, 220, 603
    business, 290
    chemistry, 529
    economics, 299, 536
    English, 538
    family and human development, 544
    foreign languages, 584
    geography, 549
    history, 558
    mathematics, 615
    physical education, 228
    physics, 626
    political science, 631
    social studies, 558, 631
Secondary Ion Mass Spectrometry (SIMS) laboratory, 46
Security engineering technology, 249
Seidman Research Institute, L. William, 41, 296
Semester course codes, 62
Semiconductor processing emphasis, 395
Semiconductor technology concentration, 256
SEOG (Federal Supplemental Educational Opportunity Grant), 59
Serbo-Croatian course descriptions, 587
Service Learning Program, 132. See also Internships
Service programs, 281
Services Leadership, Center for (CSL), 40
Shuttle bus service
    at Polytechnic campus, 204
    at Tempe campus, 55
    at West campus, 657
Sigma Theta Tau, 181
SIMS (Secondary Ion Mass Spectrometry), 46
Slavic course descriptions, 594
Small Business
    and Entrepreneurship certificate, 294
    minor, 226
SMECA (Science Math Engineering Competition Awards) scholarships, 378
Smith Music Theatre, Evelyn K., 35
SNA (Student Nurses' Association), 181
Social and Academic Mentor Program (SAM), 152
Social and Behavioral Sciences
    course descriptions, 740
    Department of, 730
    minor, 731
    Social and Behavioral Sciences (BA, BS), 697
Social and Philosophical Foundations of Education
    course descriptions, 369
Social Policy and Practice Lecture Program, John F.
    Roatch Global Lectures in, 138
Social Sciences
    in General Studies requirements, 94
    in Secondary Education program area, 558, 569
Social Welfare minor, 196
Social Work
  Department of, at West campus, 692
  course descriptions, 694
  Social Work (BSW), 692
School of, at Downtown campus, 193
  academic standards, 198
  accreditation of, 855
  admission to, 194
  course descriptions, 198
  degree programs of, 186, 195
  Early Intervention Certificate, 196
  field instruction, 197
  organization of, 193
  Social Work (BSW), 194
Sociocultural Anthropology minor, 735
Sociology
  at Tempe campus
   course descriptions, 643
  Department of, 642
   minor, 643
  Sociology (BA), 642
  at West campus
   course descriptions, 741
   minor, 734
  Sociology (BA, BS), 733
Software engineering concentration, 410
Solid State Electronics Research (CSSER), Center for, 43
Solid State Science, Center for, 45
SORC (Student Organization Resource Center), 280
Sorority(ies), 281
SORP (Student Outreach and Retention Program), 378
Southeast Asian Studies certificate, 514
  with Geography major, 548
  with History major, 558
  with languages major, 583
  with Religious Studies major, 639
Southwest Center for Education Equity and Language Diversity, 42, 350
Southwest Center for Environmental Research and Policy (SCERP), 51
Southwest Interdisciplinary Research Center, 50
Spa Management certificate, 235
Spanish
  at Tempe campus
   course descriptions, 595
   minor, 583
   Spanish (BA), 582
  at West campus
   course descriptions, 724
   minor, 719
   Spanish (BA), 719
Spanish/English translation certificate, 583
  Speaking Proficiency English Assessment Kit (SPEAK), 154
Special Education
  course descriptions
   at Polytechnic campus, 233
   at Tempe campus, 367
   at West campus, 754
Professional Teacher Preparation (SPE), 354
Special Education (BAE)
   at Tempe campus, 360
   at West campus, 753
Special Education (MED), 756
Special Events Management minor, 711
Special studio art course descriptions, 464
Specialty construction concentration, 382
Speech and Hearing Science
  course descriptions, 646
  Department of, 646
  Speech and Hearing Science (BS), 646
SPM (Scanning Probe Microscopy Laboratory), 46
Sport and Exercise Psychology Lab, 47
Sports
  intercollegiate, 287
  recreational, 286
Stafford Student Loans, 60
STAR (Sustainable Technologies, Agribusiness, and Resources Center), 42
Stardust Center for Affordable Homes and the Family, 51
State Press, 286
Statistics
  certificate, 128
  concentration, 614
  course descriptions, 619
  and probability course descriptions
   at Tempe campus, 619
   at West campus, 728
Statistics (MS), 161
Step Gallery, 36
Steps from admission to registration, 74
Strategic Supply Research, Center for (CAPS), 40
Strategies for Success series, 152
String concentration, 472
 Structures/Materials Engineering
  area of study, 402
  degree requirements, 404
Student Advocacy and Assistance, 284
Student antiretaliation statement, 29
Student Code of Conduct, 65, 281
Student counseling. See Counseling services
Student Development, 279
Student Employment Office, 60
Student enrollment numbers, 28
Student Financial Aid Trust Grant, 60
Student Financial Assistance Office, 66
INDEX

Student health
  at Polytechnic campus, 204
  at Tempe campus, 285
  at West campus, 660
Student Health and Wellness Center. See Campus Health Service
Student housing. See Housing for students; Residential Life
Student Judicial Affairs, 281
Student Legal Assistance, 280
Student Media, 286
Student Nurses’ Association (SNA), 181
Student Organization Resource Center (SORC), 280
Student Outreach and Retention Program (SORP), 378
Student Recreation Complex (SRC), 286
fee for, 53
Student Risk Management, 281
Student services,
  Adult Re-entry, 282
  Arizona Prevention Resource Center (APRC), 286
  Associated Students of Arizona State University (ASASU), 280
  Bridge Discount Program, 285
  Career Services, 286
  Career Testing Services (CTS), 285
  Child and Family Services, 280
  Co-Curricular Programs and Activities (CCPA), 280
  Community Service Program, 281
  Counseling and Consultation, 284
  Crisis Intervention, 284
  Danforth Chapel, 281
  Dean of Students Office, 284
  Disability Resource Center, 282
  Educational Development, 282
  Educational Opportunity Center, 282
  Faith Communities, 287
  Freshman Year Experience, 282
  Greek Life, 281
  health, 204, 285, 660
  health insurance, 285
  Intercolligate Athletics, 287
  International Student Office (ISO), 282
  Learning Resource Center (LRC), 284
  Learning Support Services, 282
  Memorial Union (MU), 279
  Multicultural Student Center, 282
  at Polytechnic campus, 204
  recreational sports, 286
  Residential Life, 172, 205, 279, 660
  Student Advocacy and Assistance, 284
  Student Affairs, 279, 660
  Student Development, 279
  student involvement opportunities, 287
  Student Judicial Affairs, 54
  Student Legal Assistance, 280

Sun Devil Involvement Center (SDIC), 280
at Tempe campus, 284
Testing Services at West campus, 661
Testprep@ASU, 285
Upward Bound Program, 282
Veterans Upward Bound Program, 282
Wellness and Health Promotion, 285
at West campus, 657
Student Services, Office of, 350
Student teaching
  at Tempe campus, 355
  at West campus, 746
Student Union at Polytechnic campus, 204
Studies in the Arts, Institute for (ISA), 39
Studio Art
  concentration, 447
  course descriptions, 460
Study abroad programs, 67
  Asian Studies, Center for, 44
  Business, W. P. Carey School of, 296
  course prefixes for, 64
  Design, College of, 316
  Honors College, Barrett, 145
  International Business Studies, 305
  International Programs Office, 170
  Latin American Studies, Center for, 48
  Russian and East European Studies Center, 49
Suicide Prevention Center, Inc. (EMPACT), 284
Summer Bridge program, 133
Summer sessions, 172
  course load for, 81
  fee for, 53
  refunds for, 56
Sun Card, 54
Sun Devil Involvement Center, 280
Sun Devil Television (SDTV), 286
SunDial, 59, 66
Sundome Center for the Performing Arts, 36
Supervisory Committee, Graduate, 159
Supplemental Educational Opportunity Grant, Federal (SEOG), 59
Supply Chain Management
  course descriptions, 312
  Department of, 311
  Supply Chain Management (BS), 311
Suspension, 87
Sustainable Technologies, Agribusiness, and Resources Center (STAR), 42
Suvannabhumi, 45
Swedish course descriptions, 596
Swetman, Ralph W., 30
Swimming pool, 286
Symbolic Systems certificate, 514

T

Taxes
credits on, 61
on financial aid, 61
Teacher certification, 228, 355. See also Education, College of; Initial Teacher Certification (ITC) program; specific degree programs
Teacher Education and Certification Highway + Master's (TEACH+ME), 351
Teacher Education and Leadership, College of. See also specific departments and programs
academic organization of, 20, 745
academic policies, 747
admission, 745
certification, 745
course descriptions, 751
Elementary Education, Department of, 745
field experiences, 746
Graduate Studies and Professional Development, Department of, 756
Secondary Education, Department of, 752
Special Education, Department of, 753
transfer, 746
Teacher Education for Arizona Mathematics and Science (TEAMS), 354
Teacher residency classification, 58
TEACH+ME (Teacher Education and Certification Highway + Masters), 351
TEAMS (Teacher Education for Arizona Mathematics and Science), 354
Technical graphics concentration, 266
Technology and Applied Sciences, College of, 245. See also specific departments and programs
academic standards of, 248
accreditation of, 855
admission to
Bachelor of Applied Science degree, 251
Bachelor of Science degree, 246
advising for, 247
Aeronautical Management Technology, Department of, 249
Computing Studies, Division of, 271
degree programs of, 245
Electronics and Computer Engineering Technology, Department of, 254
Engineering, Department of, 258
Mechanical and Manufacturing Engineering Technology, Department of, 259
organization of, 20, 245
special programs of, 248
Technology Management, Department of, 264
Technology-Based Learning and Research, 350
Technology Development Studio, 39
Technology Entrepreneurship certificate, 378
Technology Management, Department of, 264
Technology-supported degree programs, 135
Technology Ventures Clinic, 497
Telecommunications concentration, 254
Television
courses, 135
KAET (Channel 8), 36
Sun Devil Television (SDTV), 286
Tempe campus, 32
academic organization of, 19
administrative personnel, 845, 850
degree programs of, 13. See Degree program(s)
directory of, 900
faculty and academic professionals, 772
map, inside back cover
Standards Committee, 91
transfer to Polytechnic campus, 201
transfer to West campus, 653
Test of English as a Foreign Language (TOEFL), 73, 154
Test of Spoken English (TSE), 154
Testing Services at West campus, 661
Testprep@ASU, 285
Test(s). See Examination(s)
Thai course descriptions, 596
Theatre
course descriptions, 484
facilities, 34
and Film, School of, 483
graduate programs in, 487
special programs of, 440
student activities in, 287
Theatre (BA), 484
Theory (Music) concentration, 477
Therapeutic Recreation, 189
Theses
binding fee for, 160
formats of, 153
Third-party sponsor billing, 55
TOEFL (Test of English as a Foreign Language), 73, 154
Tourism
management concentration, 189
Management minor, 690
Recreation and Tourism Management (BS), 678
Transcripts
admission and, 67
defined, 27
fees for, 54, 56
honors recognition, 147
refunds for, 56
requests for, 86
Transfer centers for West campus, 653
Transfer credits. See Credit(s), academic
Transfer students
admission deadline, 67
credits accepted. See Credit(s), academic
Translation certificate, 583
Transportation/Materials Engineering, 402
degree requirements, 404
course descriptions, 162
Transportation to campus, 55
Traveling Scholar Program, 82
TRIO student support services, 282
TSE (Test of Spoken English), 154
Tuition, 54
deadlines for, 55
delinquent payments, 56
installment plan, 53
payments for, 55
refunds for, 56
residency classification and, 57
Summer Session, 172
veterans deferred, 55
at West campus, 685

U
UGEM (Underrepresented Graduate Enrichment Match), 152
Undergraduate admissions, 65
Undergraduate research opportunities, 145
Underrepresented Graduate Enrichment Match (UGEM), 152
University
calendar, 22
campuses and sites of, 31
collections, 33
equal opportunity/affirmative action policies of, 28
general information about, 28
grants, 60
history of, 29
libraries and collections of, 33
mission, 28
organization of, 28
scholarship programs of, 59
University Archives, 34
University Art Museum, 34
University College, 132
Academic Advising Services, 133
at Polytechnic campus, 201
at Tempe campus, 290

at West campus, 653
academic organization of, 21
Academic Success at the University, 133
at Polytechnic campus, 203
at Tempe campus, 132
at West campus, 665
at Polytechnic campus, 202
at Tempe campus, 132
Academic Community Engagement Services (ACES), 132
Interdisciplinary Studies, School of, 139
Summer Bridge program, 133
at West campus, 665
Campus Match, 666
GCC-ASU Partnership, 666
Peer-2-Peer Program, 666
Summer Academy Program, 666
University College Center for Academic Advising, 133, 203
University Dance Laboratory, 36
University Evaluation, Office of, 37
University Registrar’s Office, 66
University Undergraduate Initiatives, 65
Upward Bound Program, 282
Urban and environmental planning course descriptions, 341
Urban horticulture concentration, 220
Urban Inquiry, Center for, 49, 188
Urban Issues Lecture Series, 138
Urban Planning
Interdisciplinary Studies (BIS), 338
minor, 337
programs of study in, 339
Urban Planning (BSP), 337
Urban studies concentration in Geography, 548

V
Vaccinations. See Immunization requirement
Verification guidelines for enrollment
graduate, 157
undergraduate, 82
Veterans
admissions standards and, 72
services, 66
tuition payment and, 55
Upward Bound Program for, 282
West campus services, 686
Veterinary medicine, 209
WICHE program for, 130
Vice President for Research and Economic Affairs
research centers of, 50
Video Studies, Film and, minor or certificate, 710
Vietnamese course descriptions, 597
INDEX

Virginia C. Piper Center for Creative Writing, 49
Visa programs, employment-based, 171
Visiting Student Program course classifications, 64
Visual Literacy Collection, 34
Voice concentration, 476

W

W. P. Carey School of Business. See Business, W. P. Carey School of
Walter Cronkite School of Journalism and Mass
Communication. See Journalism and Mass
Communication, Walter Cronkite School of
Washington Semester Program, 508
Waste Management and Hazardous Materials certificate
program, 265
Water resources engineering, 402
degree requirements, 404
Wealth Management program, 137
Web-based courses, 135
Web Development concentration, Internet and, 267
Web Devil, 286
Wellness and Fitness Facility at West campus, 662
Wellness and Health promotion, 285
Wellness Foundations minor, 234
West campus, 32, 651, 657, 745. See also specific schools
and degree programs
academic organization of, 19, 652
academic success programs, 685
accreditation of, 652
administrative personnel, 854
admission to, 652
advising, 665
bookstore, 657
certificates of, 655
children's services, 657, 659
counseling services, 660
degree programs of, 13, 653
directory, 906
Disability Resource Center (DRC), 658
employment for students, 660
facilities, 662
faculty and academic professionals, 837
fee and tuition payments, 660
freshman orientation, 653
Global Management and Leadership, School of, 667
health insurance, 660
history, 651
Honors College programs, 663
housing, 32, 662
Human Services, College of, 677
Interdisciplinary Arts and Sciences, New College of, 696
library, 652
map of, 757
minors of, 654
Native American Student Services, 659
nursing programs, 180
parking, 660
Peer-2-Peer Program, 666
student grievances, 655
student services, 657
Summer Academy program, 666
Teacher Education and Leadership, College of, 745
transfer of credits to, 653, 655
transfer to Polytechnic campus, 201
University College at, 665
Wellness and Fitness Facility, 662
Western Alliance to Expand Student Opportunities, 48
Western Interstate Commission for Higher Education
(WICHE), 130
Western Undergraduate Exchange (WUE), 130
Wildlife and restoration ecology concentration, 221
Williams Campus. See Polytechnic campus
Winter Session, 135
Withdrawal
from Graduate Studies, Division of, 156
medical/compassionate, 84
refunds for, 56
from the university, 84, 156
Women and Gender Studies
certificate, 514, 649
with History major, 558
with Religious Studies major, 639
course descriptions, 649
Women and Gender Studies (BA), 649
Women's Studies Program at West campus, 743
certificate, 743
course descriptions, 744
minor, 744
Women's Studies (BA, BS), 743
Women's Studies Resource Center, 662
Work-Study program, 61, 132
Writing, Multimedia, and Technical Communication (BAS, BS), 238
Writing Across the Curriculum (WAC), 133
course descriptions
at Tempe campus, 543
at West campus, 725
Writing Center, 133
Writing certificate
at Tempe campus, 538
at West campus, 716
WUE (Western Undergraduate Exchange), 130