
Index

A

- Abbreviations
 - for buildings, 593
 - for course prefixes, 7
 - for graduate degrees, 14
 - for omnibus courses, 63
- Academic affiliations, 546
- Academic freedom policies, 31
- Academic integrity, 73
- Academic organization, 22
- Academic Resource Center at Polytechnic campus, 130
- Academic Success and Engagement Programs, Office of, 130
- Accelerated Bachelor's and Master's programs, 20
 - in biology, 373
- Access to Student Records, 74
- Accountancy
 - Accountancy and Information Systems (MAIS), 174
 - and Business Administration (MBA), 173
 - Business Administration (PhD) concentration, 178
 - course descriptions, 174
 - Department of (West campus)
 - course descriptions, 424
 - postbaccalaureate certificates, 424
 - School of, 178
- Accreditation
 - academic, 546
 - of Agribusiness and Resource Management, Morrison School of, 547
 - of Business, W. P. Carey School of, 173, 547
 - of Design, College of, 193, 547
 - of Downtown Phoenix campus, 546
 - of East College, 546
 - of Education, Mary Lou Fulton College of, 211, 547
 - of Engineering, Ira A. Fulton School of, 547
 - of Fine Arts, Katherine K. Herberger College of, 547
 - of Global Management and Leadership, School of, 548
 - of Human Services, College of, 548
 - of Journalism and Mass Communication, Walter Cronkite School of, 303, 548
 - of Law, Sandra Day O'Connor College of, 312, 547
 - of Liberal Arts and Sciences, College of, 547
 - of Nursing, College of, 105, 546
 - of Polytechnic campus, 128, 546
 - of Public Programs, College of, 114, 546
 - of Social Work, School of, 546
 - of Technology and Applied Sciences, College of, 546
 - of Tempe campus, 547
 - of West campus, 548
- ACMRS (Arizona Center for Medieval and Renaissance Studies), 46
- Administrative personnel, 536
 - Downtown Phoenix Campus, 539
 - Polytechnic campus, 540
 - Tempe campus, 541
 - West campus, 545
- Admission(s). *See also* Readmission; specific colleges and schools.
 - to Agribusiness and Resource Management, Morrison School of, 132
 - to Architecture and Landscape Architecture, School of, 194
 - to Business, W. P. Carey School of, 172
 - to Design, College of, 191
 - to Education, Mary Lou Fulton College of, 209
 - to Engineering, Ira A. Fulton School of, 238
 - to Fine Arts, Katherine K. Herberger College of, 276
 - to Global Management and Leadership, School of, 425
 - to Graduate Studies at West campus, 417
 - to Graduate Studies, Division of, 65
 - to Interdisciplinary Arts and Sciences, New College of, 437
 - to Journalism and Mass Communication, Walter Cronkite School of, 303
 - to Law, Sandra Day O'Connor College of, 307
 - to Liberal Arts and Sciences, College of, 318
 - to Public Programs, College of, 114
 - to Social Work, School of, 124
 - to Teacher Education and Leadership, College of, 438
- Advanced Public Executive Program (APEP), 116
- Advancing Business Through Information Technology, Center for (CABIT), 42
- Advising, 83
 - and degree requirements, 69
- Aeronautical engineering technology
 - course descriptions, 162
- Aeronautical Management Technology
 - course descriptions, 157
 - Department of, 157
- Aerospace Engineering (MS, MSE, PhD), 271
- Affiliations, academic, 546
- Affirmative action policies, 30
- Affordable Homes and the Family, Stardust Center for, 54
- African and African American Studies
 - African and African Diaspora Studies certificate, 321
 - course descriptions, 322

INDEX

- Agribusiness
 - Agribusiness (MS), 132
 - Business Administration (PhD) and, 85, 133
 - course descriptions, 134
- Agribusiness and Resource Management, Morrison School of, 131
 - academic organization of, 131
 - accreditation of, 547
 - admission to, 132
 - degree programs, 131
- Alumni Association, 40
- American politics research area, 395
- Anthony Gully Travel Fellowship, 277
- Anthropology (MA, PhD), 356
 - course descriptions, 357
- Antiretaliation statement, 31
- APEP (Advanced Public Executive Program), 116
- Appeals
 - for grades, 70
 - Graduate Council Appeals Board (GCAB), 74
 - for Graduate Studies at West campus, 419
- Application(s). *See also* specific colleges and degree programs.
 - for admission, 65
 - fees for, 56
 - FAFSA (Free Application for Federal Student Aid), 61
 - for Graduate Studies at West campus, 416
 - for graduation, 73
 - for international programs, 101
 - for international students, 66
 - at West campus, 416
- Applied Biological Sciences
 - Applied Biological Sciences (MS), 136
 - course descriptions, 138
 - Department of, 136
- Applied Ethics, Joan and David Lincoln Center for, 51
- Applied Psychology (MS), 139
- Arboretum, 35
- Archaeology concentration, 356
- Architectural administration and management
 - course descriptions, 199
- Architectural communication
 - course descriptions, 200
- Architectural design and technology studios
 - course descriptions, 199
- Architectural philosophy and history
 - course descriptions, 200
- Architectural technology
 - course descriptions, 200
- Architecture
 - Architecture (MArch), 191, 193
 - and Business Administration (MBA), 173, 196
 - Architecture and Landscape Architecture, School of,
 - admission to, 194
 - programs of study, 195
- Building Design (MS), 192, 196
 - admission, 197
 - application, 197
- Architecture professional studies
 - course descriptions, 200
- Archives, University, 36
- AREC (Arizona Real Estate Center), 51
- Arizona Biodesign Institute (AzBio). *See* Biodesign Institute at Arizona State University.
- Arizona Board of Regents, 536
- Arizona Center for Medieval and Renaissance Studies (ACMRS), 46
- Arizona Hispanic Business Survey, 50
- Arizona Historical Foundation library, 36
- Arizona Real Estate Center (AREC), 51
- Arizona State Law Journal*, 311
- Arizona State University. *See* University.
- Arizona Students' Association (ASA) fee, 56
- Arizona Studies in the Middle Ages and the Renaissance* (book series), 46
- Art (M.A., M.F.A.), 280
- Art History (MA), 279
- Art. *See also* Fine Arts, Katherine K. Herberger College of.
 - Art
 - Art (MFA), 280
 - course descriptions, 283
 - Art Education
 - Art Education (MA), 279
 - course descriptions, 281
 - Curriculum and Instruction (PhD), 280
 - Art History
 - Art History (MA), 279
 - course descriptions, 282
 - History and Theory of Art (PhD), 281
 - Arts, Media, and Engineering (AME) program, 276
 - auxiliary course descriptions, 281
 - School of, 277
- Art Museum, ASU, 36
- Arts Center, J. Russell and Bonita Nelson, 38
- Arts, Media, and Engineering (AME) program, 41, 276
 - course descriptions, 85
- Asian Languages and Civilizations—Chinese/Japanese (MA), 366
- Asian Studies
 - Center for, 46
 - certificate, 322
- Assistantships and associateships, 73, 423
 - and commercial services (notetaking), 73, 423
- Astrobiology Institute, 332
- Astronomy
 - course descriptions, 333

Astronomy and astrophysics program of study, 390
 ASU Art Museum, 36
 ASU Community Fellows Lecture Program, 99
 ASU Extended Campus. *See* Extended Education, School of.
 ASU Interactive, 57, 61
 ASU Research Park, 34
 ASU Skill Certification, 98
 ASUonline, 97
 Athletics
 history of, 33
 Atmospheric Science certificate, 323
 Audiology (AuD), 410
 Audit enrollment,
 to Graduate Studies, Division of, 68
 Auditorium, Gammage Memorial, 37
 AZBio (Arizona Biodesign Institute). *See* Biodesign Institute at
 Arizona State University.

B

Bank One Economic Outlook Center (EOC), 42
 BERS (Educational Research and Services, Bureau of), 211
 Bicycles, 57
 Bike Co-op Repair Service, 57
Bilingual Review Press, 50
 Bilingual/bicultural education
 course descriptions
 at Tempe campus, 219
 at West Campus, 443
 Bioarchaeology concentration, 357
 Biochemistry
 course descriptions, 324
 Biodesign Institute at Arizona State University, 53
 Bioengineering
 Bioengineering (MS, PhD), 242
 course descriptions, 244
 Harrington Department of, 241
 Biogeochemistry research area, 331
 Biology
 Biology (MS, PhD), 373
 course descriptions, 373
 Biology and Society, Center for, 47
 (Bio)policy and Law, 47
 Biotechnology and Genomics (LLM), 307
 Broadcasting. *See* Journalism and Mass Communication,
 Walter Cronkite School of.
 Brown Bag Lunch Lectures Program, 99
 Buckley Amendment, 74
 Building abbreviations, 593. *See also* Directories and Maps.
 Building Design (MS), 192, 196
 admission, 197
 application, 197
 Bureau of Educational Research and Services (BERS), 211
 Bus transportation, 57
 Business
 course descriptions
 Business education, 220
 at West campus, 426
 W. P. Carey School of
 academic organization of, 24, 172
 academic standards, 173
 accreditation of, 173, 547
 admission to, 172
 centers of, 41
 degree programs, 172
 Business Administration
 Business Administration (MBA), 177
 Dual degree programs
 and Accountancy and Information Systems (MAIS),
 173
 and Architecture (MARCH), 173, 196
 and Economics (MS), 173
 and Electrical Engineering (MSE), 173
 and Health Sector Management (MHSM), 173, 185
 and Information Management (MS), 173
 and International Management (MIM), 173
 and Juris Doctor (JD), 173
 and Taxation (MTax), 173
 evening program, 96
 at West campus, 425
 Business Administration (PhD), 177
 accountancy concentration, 178
 agribusiness concentration, 85, 133
 computer information systems concentration, 179
 finance concentration, 178
 management concentration, 179
 marketing concentration, 178
 supply chain management concentration, 178
 Business education
 course descriptions, 220
 Business English certificate, 98
 Business Research, Center for (CBR), 42

C

CABIT (Center for Advancing Business Through Information
 Technology), 42
 Cable/public television courses, 97
 Calendar, academic, 25
 Camp Tontozona, 34
 Campus codes for courses, 62
 Campus Environment Team, 31
 Campus(es). *See* Downtown Phoenix campus; Polytechnic
 campus; Tempe campus; West campus.

INDEX

- CAP LTER (Central Arizona–Phoenix Long-Term Ecological Research project), 54
- CAPS Research (Center for Strategic Supply Research), 42
- Career Services, 83
- CARO (Community Art and Research Outreach), 50
- Catalog requirement determination, 68
- Catalogs, 62
- CBR (Center for Business Research), 42
- Center(s) and Institute(s)
See also Facilities and Laboratory(ies).
for Advancing Business Through Information Technology (CABIT), 42
for Affordable Homes and the Family, Stardust Center, 54
Applied Ethics, Joan and David Lincoln Center for, 51
Arizona Center for Medieval and Renaissance Studies (ACMRS), 46
Arizona Real Estate (AREC), 51
for Asian Studies, 46
Astrobiology Institute, 332
Bank One Economic Outlook (EOC), 42
Biodesign Institute at Arizona State University, 53
for Biology and Society, 47
for Business Research (CBR), 42
of Business, W. P. Carey School of, 41
Ceramics Research, 45
Counselor Training, 211
Critical Languages Institute (CLI), 51
Customer Assistance, 39
Dance Multimedia Learning, 37
Decision Center for a Desert City (DCDC), 54
Deer Valley Rock Art, 34
of Design, College of, 43
Early Events in Photosynthesis, Center for the Study of, 48
Economic Outlook (EOC), Bank One, 42
for Education Equity and Language Diversity, Southwest, 44
for Education, Indian, 44
of Education, Mary Lou Fulton College of, 44
Educational Research and Services, Bureau of (BERS), 211
of Engineering, Ira A. Fulton School of, 44
Enterprise Center, Spirit of, 43
Environmental Research and Policy, Southwest Center for (SCERP), 54
Ethics, Joan and David Lincoln Center for Applied, 51
Exercise and Sport Research Institute (ESRI), 49
for Film and Media Research, 47
of Fine Arts, Katherine K. Herberger College of, 45
Fine Arts, J. Russell and Bonita Nelson, 38
Global Institute of Sustainability, 54
Herberger Center for Design Research (HCDR), 43
for High Resolution Electron Microscopy (CHREM), 48
Hispanic Leadership Institute, 99
Hispanic Research Center (HRC), 50
Human Origins, Institute of (IHO), 50
of Human Services, College of, 45
for Humanities Research, 50
for Indian Education, 44
Institute for Computing and Information Science and Engineering (InCISE), 53
Institute of Human Origins (IHO), 50
Interdisciplinary Research, Southwest, 52
Intergroup Relations (IRC), 31
Ira A. Fulton Research Institute, 45
J. Russell and Bonita Nelson Fine Arts Center, 38
Joan and David Lincoln Center for Applied Ethics (LCAE), 51
Kerr Cultural Center, 38
L. William Seidman Research Institute, 41
Latin American Studies, 51
of Law, Sandra Day O'Connor College of, 45
Law, Science, and Technology, Center for the Study of, 45
for Learning and Teaching Excellence, 40
of Liberal Arts and Sciences, College of, 46, 318
Louise Lincoln Kerr Cultural, 38
for Low Power Electronics (CLPE), 44
Materials Facility (MF), 48
Materials Research Science and Engineering (MRSEC), 47
Medieval and Renaissance Studies, Arizona Center for (ACMRS), 46
Mercado, 34
for Meteorite Studies, 47, 333
Morrison Institute for Public Policy, 52
Nelson Fine Arts, J. Russell and Bonita, 38
for Nonprofit Leadership and Management (CNLM), 52
Photosynthesis, Center for the Study of Early Events in, 48
of Polytechnic Campus, 51
of Public Programs, College of, 52
for Research on Education in Science, Mathematics, Engineering, and Technology (CRESMET), 41
Russian and East European Studies (REESC), 51
Seidman Research Institute, L. William, 41
for Services Leadership (CSL), 42
for Social Science Research, Institute, 50
for Solid State Electronics Research (CSSER), 45
for Solid State Science, 47, 333
Southwest Center for Education Equity and Language Diversity, 44
Southwest Center for Environmental Research and Policy (SCERP), 54
Southwest Interdisciplinary Research, 52
Stardust Center for Affordable Homes and the Family, 54
for Strategic Supply Research, (CAPS), 42
for the Study of Early Events in Photosynthesis, 48
for the Study of Law, Science, and Technology, 45, 310
for the Study of Religion and Conflict, 49

- Sustainable Technologies, Agribusiness, and Resources (STAR), 52
- for Urban Inquiry, 52
- of vice president for research and economic affairs, 53
- for Violence Prevention and Community Safety, 45
- Virginia C. Piper Center for Creative Writing, 51
- Central Arizona–Phoenix Long-Term Ecological Research (CAP LTER) project, 54
- Ceramics
 - course descriptions, 283
- Ceramics Research Center, 45
- Certificate(s),
 - in Accountancy, 424
 - in African and African Diaspora Studies, 321
 - in Asian Studies, 322
 - in Atmospheric Science, 323
 - in Bioethics, Policy, and Law, 372
 - in Communication and Human Relations, 428
 - in Community and Public Health Practice, 108
 - in Epidemiology and Biostatistics, 187
 - in Evidence-Based Practice in Nursing and Healthcare, 98
 - offered by Extended Education, School of, 98
 - in Geographic Information Science, 88
 - in Gerontology, 415
 - in Health Industry Leadership, 187
 - Indian Law, 311
 - in Law, Science, and Technology, 307
 - in Linguistics, 380
 - Medieval Studies, 385
 - in Multimedia Writing and Technical Communication, 148
 - Museum Studies, 356
 - Nonprofit Leadership and Management, 114
 - in Nurse Education in Academic and Practice Settings, 98, 108
 - Post-Bachelor's Artist Diploma (music), 293
 - in Public Art, 296
 - Renaissance Studies, 385
 - Scholarly Publishing, 406
 - in Statistics, 94
 - in Translation, 367
 - in Transportation Systems, 95, 206
- Certification for teachers, 211, 217, 438
- Chandler-Gilbert Community College Partnership, 129
- Channel 8 Television (KAET), 38
- Check payments and fees, 57
- Chemical Engineering
 - Chemical Engineering (MS, MSE, PhD), 246
 - course descriptions, 250
- Chemistry
 - Chemistry (MS, PhD), 324
 - course descriptions, 324
- Child care
 - at West campus, 414
- Child development
 - course descriptions, 346
- Child Drama Collection, 278
- Chinese
 - Asian Languages and Civilizations—Chinese/Japanese (MA), 366
 - course descriptions, 368
- CHREM (Center for High Resolution Electron Microscopy), 48
- Civil and Environmental Engineering
 - Civil and Environmental Engineering (MS, MSE, PhD), 251
 - course descriptions, 252
 - Department of, 251
- Civil Practice Clinic, 311
- Classification of courses, 62
- Classroom aides, residency classification policy, 60
- Classroom Management, Office of, 39
- Classroom support, 39
- CLI (Critical Language Institute), 51
- CLPE (Center for Low Power Electronics), 44
- CNLM (Nonprofit Leadership and Management, Center for), 52
- Cohort management course codes, 64
- Collections and galleries, 36, 278
 - Child Drama Collection, 278
 - Computing Commons Gallery, 37
 - Galleria, 37
 - Gallery 100, 37, 277
 - Gallery of Design, 37, 192
 - Harry Wood Gallery, 38, 277
 - Map Collection, 36
 - Nelson Fine Arts Center, 38
 - Northlight Gallery, 38, 277
 - Step Gallery, The, 38
 - University Archives, 36
- College Council of Nursing Students, 105
- College(s)
 - Agribusiness and Resource Management, Morrison School of, 131
 - Business, W. P. Carey School of, 172
 - of Design, 191
 - East, 136
 - of Education, Mary Lou Fulton, 209
 - Engineering, Ira A. Fulton School of, 238
 - Extended Education, School of, 96
 - of Fine Arts, Katherine K. Herberger, 276
 - of Global Management and Leadership, School, 424
 - of Human Services, 428
 - of Interdisciplinary Arts and Sciences, New, 436
 - Journalism and Mass Communication, Walter Cronkite School of, 303
 - of Law, Sandra Day O'Connor, 306
 - of Liberal Arts and Sciences, 317

INDEX

- of Nursing, 104
 - at Polytechnic campus, 128
 - of Public Programs, 113
 - of Teacher Education and Leadership, 438
 - of Technology and Applied Sciences, 152
 - at Tempe campus, 171
 - University, 96
 - at West campus, 415
- Commercial activities, and assistantships and associateships, 73
- Committee on Law and Philosophy, 311
- Communication
- Communication (MA, PhD), 326, 327
 - Communication and Human Relations, certificate in, 428
 - Communication Disorders (MS), 408
 - Communication Studies (MA), 428
 - course descriptions, 430
 - Hugh Downs School of Human, 326
 - course descriptions, 329
- Communicative development concentration, 328
- Community and Public Health Practice certificate, 108
- Community Art and Research Outreach (CARO), 50
- Community colleges
- Chandler-Gilbert Community College Partnership and, 129
- Community Fellows Lecture Program, 99
- Community health practice
- course descriptions, 109
- Community Resources and Development, School of, 113
- Community Safety, Center for Violence Prevention and, 45
- Comparative politics research area, 395
- Composition (music) (MM), 290
- Comprehensive examinations and applied projects, 76
- Comprehensive examinations,
- fees for, 56
 - for West campus, 421
- Computational Biosciences
- Computational Biosciences (PSM), 330
 - course descriptions, 331
 - doctoral concentration in, 381
- Computer engineering technology
- course descriptions, 159
- Computer Information Systems
- concentration in Business Administration (PhD), 179
 - course descriptions, 189
- Computer Science and Engineering
- Computer Science and Engineering (MCS), 256
 - Computer Science and Engineering (PhD), 255
 - course descriptions, 257
 - Department of, 255
- Computer-associated degrees
- Accountancy and Information Systems (MAIS), 174
 - Business Administration (PhD) concentration in Computer Information Systems, 179
 - Computational Biosciences (PSM), 330
 - Computer Science (MS, MCS, PhD), 255
 - Computing Studies (MCST), 153
 - Geographic Information Systems (MAS), 347
 - Graphic Information Technology (MSTech), 164
 - Information Management (MS), 172
 - Technology (MSTech) computer systems concentration, 154
- Computers and digital systems research area, 159
- Computing Commons, 38
- Gallery, 37
- Computing facilities and services
- at Polytechnic campus, 130
 - at Tempe campus, 38
 - at West campus, 39
- Computing policies, 39
- Computing Studies
- Computing Studies (MCST), 154
 - course descriptions, 155
- Concurrent and Dual degree programs. *See* Dual degree programs.
- Construction
- Construction (MS), 260
 - course descriptions, 261
 - Del E. Webb School of, 259
- Construction engineering area of study, 251
- Continuing Education programs, 98
- Continuing registration, 63
- Coor, Lattie F., 32
- Counseling (MC), 232
- Counseling Psychology (PhD), 233
- Counselor Education
- Counselor Education (MEd), 234
 - course descriptions, 233
- Counselor Training Center, 211
- Course(s)
- See also* specific degree programs and courses.
 - classification of, 62
 - key to course listings, 62
 - minimum loads,
 - for Graduate Studies, Division of, 69
 - for Graduate Studies at West campus, 418
 - numbering system of, 62
 - omnibus, 62
 - prefix index, 7
- Creative Writing (MFA), 86
- Credit cards for tuition payments, 57
- Credit(s), academic
- from Law, Sandra Day O'Connor College of
 - for Doctoral degree, 77
 - for Master's degree, 76
 - transfer,
 - to Tempe campus, 71

- to West campus, 419
 - undergraduate for graduate programs, 70
 - at West campus, 421
 - CRESMET (Center for Research on Education in Science, Mathematics, Engineering, and Technology), 41
 - Criminal Justice
 - course descriptions, 431
 - Criminal Justice (MA), 430
 - Criminal Practice Clinic, 311
 - Critical Languages Institute (CLI), 51
 - Crow, Michael M., 3
 - CSL (Center for Services Leadership), 42
 - CSSER (Center for Solid State Electronics Research), 45
 - Cultural geography
 - course descriptions, 348
 - Cummings Travel Fellowship, Nathan, 277
 - Current Social Events, Linda Haskell Memorial Master Class on, 99
 - Curriculum and Instruction
 - course descriptions, 220
 - Curriculum and Instruction (MA, MEd, EdD), 217
 - Curriculum and Instruction (PhD), 213, 280
 - Division of, 216
 - Customer Assistance Center, 39
- D**
- Dance
 - admission, 287
 - Arizona Repertory Theatre (DART), 277
 - course descriptions, 288
 - Dance (MFA), 287
 - Department of, 277
 - Interdisciplinary Digital Media and Performance concentration, 287
 - Multimedia Learning Center, 37
 - Studio Theatre, 37
 - DART (Dance Arizona Repertory Theatre), 277
 - DCDC (Decision Center for a Desert City), 54
 - Decals, parking. *See* Parking.
 - Decision Center for a Desert City (DCDC), 54
 - Decision Theater at Arizona State University, 54
 - Deer Valley Rock Art Center, 34
 - Definitions
 - academic, 74
 - of admission classifications, 67
 - of courses, 62
 - of credit unit, 67
 - for harassment, 30
 - of records, 74
 - for tuition, 55
 - Degree program(s), 14
 - See also* specific degree programs.
 - of Agribusiness and Resource Management, Morrison School of, 132
 - of Business, W. P. Carey School of, 172
 - changing, procedure for, 67
 - Concurrent and Dual degree programs. *See* Dual degree programs.
 - of Design, College of, 191
 - of East College, 136
 - of Education, Mary Lou Fulton College of, 209
 - of Engineering, Ira A. Fulton School of, 238
 - of Fine Arts, Katherine K. Herberger College of, 276
 - of Global Management and Leadership, School of, 424
 - of Human Services, College of, 428
 - intercollegiate interdisciplinary, 82
 - of Interdisciplinary Arts and Sciences, New College of, 436
 - of Journalism and Mass Communication, Walter Cronkite School of, 303
 - of Law, Sandra Day O'Connor College of, 306
 - of Liberal Arts and Sciences, College of, 317
 - of Nursing, College of, 104
 - of Public Programs, College of, 113
 - of Teacher Education and Leadership, College of, 438
 - of Technology and Applied Sciences, College of, 152
 - Delinquent financial obligations, 58
 - records hold and, 74
 - Dependents, residency classification policy, 59
 - Design
 - Architecture (MArch), 193
 - Building Design (MS), 196
 - College of. *See also* specific departments and degree programs.
 - academic organization of, 22
 - accreditation of, 193
 - admission to, 191
 - advising, 193
 - degree programs, 191
 - facilities, 192
 - Gallery of Design for, 192
 - library for, 36, 192
 - Phoenix Urban Research Lab (PURL), 43
 - research centers of, 43
 - special programs, 192
 - course descriptions, 203
 - Design (MSD), 192, 201
 - admission, 202
 - concentrations, 201
 - research activity, 201
 - study, areas of, 202
 - Environmental Design and Planning (PhD), 204
 - Urban and Environmental Planning (MUEP), 206
 - Design knowledge and computing concentration, 198
 - Design Research, Herberger Center for (HCDR), 43

INDEX

- Digital Arts Ranch, 37, 41
- Digital Media and Instructional Technologies (DMIT) and Lab, 39
- Directories
 - Downtown Phoenix campus, 583
 - Polytechnic campus, 585
 - Tempe campus, 586
 - West campus, 591
- Directory information, defined, 74
- Disability services, computer access, 39
- Discriminatory harassment policies, 30
- Dissertations
 - coauthored, 72
 - fees for, 56
 - formats for, 84
 - for Graduate Studies, Division of, 72
 - on human and animal subjects, 72
 - policies regarding, 72
- Distance learning, 97
- Diversity programs, 83
- Division of Graduate Studies Awards for Tuition, 61
- DMIT (Digital Media and Instructional Technologies), 39
- DMIT Instruction Support Lab, 39
- Doctoral degrees, 14, 77
 - See also* specific degree programs.
 - admission to
 - at Tempe campus, 77, 79
 - at West campus, 416
 - Aerospace Engineering (PhD), 272
 - Anthropology (PhD), 356
 - Astrophysics (PhD), 333
 - Audiology (AuD), 410
 - Bioengineering (PhD), 241
 - Biology (PhD), 373
 - Business Administration (PhD), 177
 - Chemical Engineering (PhD), 247
 - Chemistry (PhD), 324
 - Civil and Environmental Engineering (PhD), 251
 - Communication (PhD), 327
 - comprehensive examination
 - at Tempe campus, 78, 79
 - at West campus, 422
 - Computer Science (PhD), 255
 - continuous enrollment
 - at Tempe campus, 77
 - at West campus, 422
 - Counseling Psychology (PhD), 233
 - Curriculum and Instruction (EdD), 217
 - Curriculum and Instruction (PhD), 213, 280
 - defenses, 80
 - dissertation committee, 77
 - dissertation requirements, 80
 - Economics (PhD), 184
 - Education (EdD), 212
 - Educational Administration and Supervision (EdD), 227
 - Educational Leadership and Policy Studies (PhD), 229
 - Educational Psychology (PhD), 235
 - Educational Technology (PhD), 237
 - Electrical Engineering (PhD), 262
 - Engineering Science (PhD), 247
 - English (PhD), 338
 - Environmental Design and Planning (PhD), 191, 204
 - Family and Human Development (PhD), 345
 - foreign language requirements, 79
 - Geography (PhD), 348
 - Geological Sciences (PhD), 334
 - graduation requirements
 - at Tempe campus, 80
 - at West campus, 421
 - Higher and Postsecondary Education (EdD), 230
 - History (PhD), 352
 - History and Theory of Art (PhD), 281
 - Industrial Engineering (PhD), 269
 - Justice Studies (PhD), 361
 - Kinesiology (PhD), 364
 - Law (JD), 312
 - Law credits
 - at Tempe campus, 76
 - at West campus, 420
 - Mathematics (PhD), 381
 - Mechanical Engineering (PhD), 273
 - Microbiology (PhD), 376
 - Molecular and Cellular Biology (PhD), 377
 - Music (DMA), 292
 - Nursing Science (DNS), 108
 - Philosophy (PhD), 386
 - Physical Activity, Nutrition, and Wellness (PhD), 90
 - Physics (PhD), 391
 - Plant Biology (PhD), 378
 - policies about
 - at Tempe campus, 77
 - at West campus, 418, 422
 - Political Science (PhD), 397
 - program of study
 - at Tempe campus, 79
 - at West campus, 420
 - Psychology (PhD), 400
 - Public Administration (PhD), 118
 - Religious Studies (PhD), 403
 - research requirements, 79
 - residency requirements, 79
 - Science and Engineering of Materials (PhD), 91
 - Social Work (PhD), 124
 - Sociology (PhD), 407
 - Spanish (PhD), 367
 - Speech and Hearing Science (PhD), 409

- Theatre (PhD), 298
 - time limits
 - at Tempe campus, 80
 - at West campus, 423
 - Downs School of Human Communication, Hugh. *See* Communication, Hugh Downs School of Human.
 - Downtown and Gown Lecture Program, 99
 - Downtown Phoenix campus, 103
 - accreditation of, 546
 - faculty and academic professionals, 451
 - Drawing
 - course descriptions, 283
 - Drug Resistance Strategies (DRS) Project, 125
 - Dual degree programs, 20
 - See also* Accelerated Bachelor's and Master's programs; Master's in Passing; specific degree programs.
 - Accountancy and Information Systems (MAIS)
 - and Business Administration (MBA), 20
 - Architecture (MArch)
 - and Business Administration (MBA), 20, 173, 196
 - Business Administration (MBA)
 - and Accountancy and Information Systems (MAIS), 20, 173
 - and Architecture (MArch), 20, 196
 - and Economics (MS), 20, 173
 - and Electrical Engineering (MSE), 20, 263, 268
 - and Health Sector Management (MHSM), 20, 173, 185
 - and Information Management (MS), 20, 173
 - and International Management (MIM), 20, 173
 - and Juris Doctor (JD), 20, 173
 - and Taxation (MTax), 20, 173
 - of Business, W. P. Carey School of, 173
 - credit hours for, 77
 - Doctoral degree requirements, 79
 - Economics (MS)
 - and Business Administration (MBA), 20, 173
 - and Juris Doctor (JD), 20
 - Electrical Engineering (MSE)
 - and Business Administration (MBA), 20, 263, 268
 - Health Sector Management (MHSM)
 - and Business Administration (MBA), 20, 173
 - and Juris Doctor (JD), 20, 173
 - Information Management (MS)
 - and Business Administration (MBA), 20, 173
 - International Management (MIM)
 - and Business Administration (MBA), 20, 173
 - Juris Doctor (JD)
 - and Business Administration (MBA), 20
 - and Economics (MS), 20
 - and Health Sector Management (MHSM), 20, 173
 - and Justice Studies (PhD), 20
 - and Medical Doctor (MD), 20
 - and Psychology (PhD), 20
 - Justice Studies (PhD)
 - and Juris Doctor (JD), 20
 - of Law, Sandra Day O'Connor College of, 307
 - Master's degree requirements, 77
 - Medical Doctor (MD)
 - and Juris Doctor (JD), 20
 - Political Science BA/MA, 395
 - Psychology (PhD)
 - and Juris Doctor, 20
 - Taxation (MTax)
 - and Business Administration (MBA), 20, 173
 - at West campus, 422
 - Durham, G. Homer, 32
- ## E
- Early childhood education
 - course descriptions
 - at Polytechnic campus, 145
 - at Tempe campus, 220
 - at West campus, 443
 - Early Events in Photosynthesis, Center for the Study of, 48
 - Earth and Space Exploration, School of, 331
 - research areas, 331
 - East College, 136
 - academic organization of, 23, 136
 - accreditation of, 546
 - Applied Biological Sciences, 136
 - Applied Psychology, 139
 - degree programs, 136
 - Educational Innovation and Teacher Preparation, School of, 140
 - Exercise and Wellness, 146
 - Multimedia Writing and Technical Communication, 148
 - Nutrition, 149
 - eCheck payments, 57
 - Economic Forecasts*, 42
 - Economic Outlook Center (EOC), Bank One, 42
 - Economics
 - course descriptions
 - at Tempe campus, 184
 - at West campus, 426
 - Economics (MS)
 - and Business Administration (MBA), 20, 173
 - and Juris Doctor (JD), 20, 173
 - Economics (MS, PhD), 183
 - Education
 - Geoscience education research area, 332
 - Mathematics education course descriptions, 384
 - at Polytechnic campus. *See* Educational Innovation and Teacher Preparation, School of.

INDEX

- at Tempe campus. *See* Education, Mary Lou Fulton College of.
- at West campus. *See* Teacher Education and Leadership, College of.
- Education Equity and Language Diversity, Southwest Center for, 44
- Education Policy Analysis
 - course descriptions, 228
- Education Policy Studies Laboratory (EPSL), 44
- Education, Mary Lou Fulton College of, 209
 - See also* Educational Innovation and Teacher Preparation, School of; Teacher Education and Leadership, College of.
 - academic organization of, 23
 - accreditation of, 211
 - admission to, 209
 - advising, 211
 - affiliation of, 211, 547
 - Bureau of Educational Research and Services (BERS), 211
 - centers of, 44, 211
 - Counselor Training Center, 211
 - course descriptions, 215
 - Curriculum and Instruction (MA, MEd, EdD), 217
 - Curriculum and Instruction (PhD), 213
 - Curriculum and Instruction, Division of, 216
 - degree programs of
 - graduate, 210
 - Education Equity and Language Diversity, Southwest Center for, 44
 - Education Policy Studies Laboratory (EPSL), 44
 - Educational Leadership and Policy Studies, Division of, 226
 - Indian Education, Center for, 44
 - Master's in passing, 215
 - Psychology in Education, Division of, 232
 - research clusters, 217
 - special programs, 211
 - teacher certification programs, 211. *See also* Initial Teacher Certification (ITC) Program.
- Educational Administration and Supervision
 - course descriptions
 - at Tempe campus, 227
 - at West campus, 444
 - Educational Administration and Supervision (MEd)
 - at Polytechnic campus, 145
 - at West campus, 441
 - Educational Administration and Supervision (MEd, EdD)
 - at Tempe campus, 227
- Educational Innovation and Teacher Preparation, School of, Curriculum and Instruction (MEd), 144
 - Curriculum and Instruction (PhD), 141
 - Educational Administration and Supervision (MEd), 145
 - Elementary Education postbaccalaureate program, 140
 - Physical Education (MPE), 142
 - Physical Education, Department of, 141
 - Special Education (MEd), 145
 - Teacher Education and Administration, Department of, 144
- Educational Innovation Dissertation (EID), 443
- Educational Leadership and Policy Studies
 - Division of, 226
 - Educational Leadership and Policy Studies (PhD), 229
- Educational Psychology
 - course descriptions
 - at Tempe campus, 235
 - at West campus, 445
 - Educational Psychology (MA, MEd, PhD), 234, 235
- Educational records, 74
- Educational Research and Services, Bureau of (BERS), 211
- Educational Technology
 - course descriptions
 - at Tempe campus, 237
 - at West campus, 445
 - Educational Technology (MEd, PhD), 237
- Electrical Engineering
 - course descriptions, 263
 - Department of, 262
 - Electrical Engineering (MS, MSE, PhD), 262
 - Electrical Engineering (MSE)
 - and Business Administration (MBA), 173, 263
- Electronics and Computer Engineering Technology, Department of, 158
- Electronics Engineering Technology
 - course descriptions, 159
- Elementary Education
 - course descriptions
 - at Polytechnic campus, 145
 - at Tempe campus, 221
 - at West campus, 446
 - course prefixes for, 64
 - Elementary Education (MEd)
 - at West campus, 439
 - Postbaccalaureate Program
 - at Polytechnic campus, 140
- E-mail policy, 40
- Employment and residency classification, 59
- Employment-based visa programs, 101
- Endorsements for teachers, 211
- Energy performance and climate-responsive architecture
 - concentration, 198
- Engineering, Ira A. Fulton School of,
 - See also* specific degree programs and departments.
 - academic organization of, 23, 238
 - academic standards, 240
 - accreditation of, 547
 - admission, 238
 - Biodesign Institute at Arizona State University, 44

- Bioengineering, Harrington Department of, 241
 centers and institutes of, 44, 239
 Chemical and Materials Engineering, Department of, 246
 Civil and Environmental Engineering, Department of, 251
 Computing and Informatics, School of,
 Computer Science and Engineering, Department of, 255
 Construction, Del E. Webb School of, 259
 degree programs, 239
 distance learning programs, 268
 Electrical Engineering, Department of, 262
 Executive Embedded Systems concentration in
 Engineering (MSE), 268
 facilities, 240
 graduate programs in, 238
 Industrial Engineering, Department of, 268
 Ira A. Fulton Research Institute, 45
 Low Power Electronics (CLPE), Center for, 44, 239
 Mechanical and Aerospace Engineering, Department of,
 271
 Professional Development, Center for, 240, 268
 Solid State Electronics Research (CSSER), Center for, 45,
 239
 Engineering. *See* Engineering, Ira A. Fulton School of;
 Technology and Applied Sciences, College of.
 Engineering (MEng, MSE), 266, 272
 Engineering Science (MSE, PhD), 247
 English
 course descriptions, 339
 Creative Writing (MFA), 86
 Department of, 336
 English (MA, MTESL, PhD), 336, 337, 338
 Teaching English as a Second Language (MTESL), 337
 English as a Second Language (ESL), 98
 English as a second language concentration (MEd), 144
 Enrollment. *See also* Admission(s); Registration.
 continuous, 77
 Joint Admission Continuous Enrollment, 64
 numbers, 30
 verification guidelines, 69
 Enterprise Center, Spirit of, 43
 Environmental analysis and programming,
 course descriptions, 199
 Environmental Design and Planning
 admission to, 191, 204
 course descriptions, 205
 Environmental Design and Planning (PhD), 191, 204
 Environmental engineering area of study, 251
 Environmental Fluid Dynamics Program, 240
 Environmental Research and Policy, Southwest Center for
 (SCERP), 54
 Environmental science and ecology
 course descriptions, 379
 Environmental Technology Management
 concentration, 164
 course descriptions, 166
 EOC (Bank One Economic Outlook Center), 42
 Epidemiology and Biostatistics certificate, 187
 EPSL (Education Policy Studies Laboratory), 44
 Equal opportunity/affirmative action policies, 30
 ESL (English as a Second Language), 98
 ESRI (Exercise and Sport Research Institute), 49
 Ethics, Joan and David Lincoln Center for Applied (LCAE), 51
 Ethnomusicology concentration, 290
 Evelyn K. Smith Music Theatre, 38
 Evidence-Based Practice in Nursing and Healthcare
 certificate, 108
 Exchange Programs, 101. *See also* International programs;
 Study abroad programs.
 Executive Embedded Systems concentration in Engineering
 (MSE), 268
 Exercise and Sport Research Institute (ESRI), 49
 Exercise and Wellness
 course descriptions, 147
 Exercise and Wellness (MS), 147
 Exercise Biochemistry Lab, 49
 Exercise Endocrinology Lab, 49
 Exercise Science/Physical Education. *See* Kinesiology.
 Extended Education, School of,
 certificate programs of, 98
 degree programs of. *See* Degree program(s).
 distance learning, 97
 evening classes, 96
 internet programs, 97
 lectures, 99
 locations, 97
 Mercado, 34
 television courses, 97
 tuition and fees, 96
 weekend courses, 96
 winter session, 97
- ## F
- Facilities
 See also Center(s) and Institute(s).
 of Agribusiness and Resource Management, Morrison
 School of, 131
 Center for High Resolution Electron Microscopy (CHREM),
 48
 of Design, College of, 192
 Digital Media and Instructional Technologies (DMIT), 39
 of East College, 136
 of Education, Mary Lou Fulton College of, 211
 of Engineering, Ira A. Fulton School of, 240
 of Fine Arts, Katherine K. Herberger College of, 278

INDEX

- Goldwater Materials Science, 48
 - Goldwater Materials Visualization (GMVF), 48
 - for High Pressure Research, 48
 - Ion Beam Analysis of Materials (IBeAM) Facility, 48
 - of Journalism and Mass Communication, Walter Cronkite School of, 303
 - of Law, Sandra Day O'Connor College of, 311
 - of Liberal Arts and Sciences, College of, 318
 - Materials Facility (MF), 48
 - Materials Science Electron Microscopy (MSEML), 48
 - of Nursing, College of, 105
 - performing and fine arts, 36, 278
 - research, 82
 - Secondary Ion Mass Spectrometry (SIMS), 48
 - University Dance Laboratory, 38
 - Facilities development and management concentration, 198
 - Facilities planning and management in design area of study, 202
 - Faculty and academic professionals
 - Downtown Phoenix campus, 451
 - Polytechnic campus, 458
 - Tempe campus, 462
 - West campus, 528
 - FAFSA (Free Application for Federal Student Aid), 61
 - Family and Human Development
 - course descriptions, 346
 - Department of, 344
 - Family and Human Development (MS), 344
 - Family and Human Development (PhD), 345
 - Family Educational Rights and Privacy Act of 1974, 74
 - FAQs, 29
 - Farmer, Hiram Bradford, 31
 - Fee(s)
 - See also* Tuition.
 - class, 55
 - for delinquent payments, 58
 - for dissertations, 56, 72
 - for instrument rental, 56
 - for parking, 56
 - for private music instruction, 56
 - for programs, 55
 - for returned checks, 57
 - for summer sessions, 55
 - for theses, 56, 72
 - refunds, 58
 - Fellowships, 61
 - from Art, School of, 277
 - taxes on, 61
 - Fibers
 - course descriptions, 283
 - Fiction writing option in Creative Writing (MFA), 87
 - Finance
 - Business Administration (PhD) concentration, 178
 - course descriptions
 - at Tempe campus, 178
 - at West campus, 426
 - Department of, 176, 178
 - Financial aid, 61
 - FAQ, 29
 - for Graduate Studies, Division of, 83
 - for Graduate Studies at West Campus, 423
 - for Liberal Arts and Sciences, College of, 318
 - for Nursing, College of, 105
 - taxes on, 61
 - Trust Fee, 55
 - Financial Guarantee form
 - at Tempe campus, 66
 - at West campus, 416
 - Fine Arts
 - Katherine K. Herberger College of
 - See also* specific schools and programs.
 - academic organization of, 23, 276
 - accreditation of, 278, 547
 - admission to, 276
 - Art, School of, 277
 - Dance, Department of, 277
 - facilities, 278
 - graduate programs in, 277
 - Music, School of, 277
 - research centers of, 45
 - Theatre and Film, School of, 278
 - and performing facilities, 36
 - Fine Arts Center, J. Russell and Bonita Nelson, 38
 - Fire Service Administration
 - concentration, 164
 - course descriptions, 168
 - FLASH bus, 57
 - Foreign languages. *See also* Languages and Literatures.
 - course descriptions, 368
 - graduate examination, 72
 - Free Application for Federal Student Aid (FAFSA), 61
 - Freedom of speech policies, 31
 - French
 - course descriptions, 368
 - French (MA), 366
 - Frequently Asked Questions (FAQs), 29
- ## G
- Galleria, The, 37
 - Gallery 100, 37, 277
 - Gallery of Design, 37
 - Gallery(ies). *See* Collections and galleries.
 - Galvin Playhouse, Paul V., 37
 - Gammage, Grady, 32

- Gammage Memorial Auditorium, 37
- GCAB (Graduate Council Appeals Board), 74
- General information, 30
- Genomics, Biotechnology and (LLM), 307
- Geochemistry research area, 331
- Geographic Information Science, interdisciplinary certificate in, 88
- Geography
 - Department of, 347
 - Geographic Information Systems (MAS), 347
 - Geography (MA), 347
 - Geography (PhD), 348
- Geological Sciences
 - course descriptions, 334
 - Geological Sciences (MS, PhD), 334
- Geomorphology research area, 332
- Geophysics research area, 332
- Geotechnical/geoenvironmental engineering area of study, 251
- German
 - course descriptions, 369
 - German (MA), 366
- Gerontology
 - certificate in, 432
 - course descriptions, 433
- Global Institute of Sustainability, 54
- Global Management and Leadership, School of
 - academic organization of, 24, 424
 - Business Administration (MBA), 425
 - degree programs, 424
- Global Technology and Development
 - concentration, 164
 - course descriptions, 168
- Goldwater Materials Visualization Facility (GMVF), 48
- Golf management, professional (PGM)
 - course descriptions, 135
- Grades
 - at Tempe campus, 69
 - at West campus, 420
- Graduate Councils
 - at Tempe campus, 84
 - Appeals Board policies, 74
 - at West campus, 84
 - Appeals Board policies, 419
- Graduate degrees
 - abbreviations for, 14
 - at Downtown Phoenix campus, 14
 - at Polytechnic campus, 14
 - at Tempe campus, 14, 81
 - at West campus, 14
- Graduate foreign language examination, 72
- Graduate Nurse Organization (GNO), 105
- Graduate Studies and Professional Development, Department of, 438
- Graduate Studies at West campus, 416
 - academic integrity, 419
 - admission to, 416
 - classifications of, 417
 - catalog requirement determination, 418
 - course loads, 418
 - degree requirements, 419
 - grading, 420
 - Graduate Council Appeals Board, 419
 - misconduct in research and creative activities, 419
 - nondegree students, 418
 - policies and procedures, 418
 - registration, 418
 - withdrawal, 418
- Graduate Studies Awards for Tuition (GSAT)
 - for Tempe campus, 61
 - for West campus, 423
- Graduate Studies, Division of, 81
 - See also* Graduate Studies at West campus.
 - academic integrity, 73
 - academic membership, 552
 - academic organization of, 23
 - admission to, 65
 - advising, 83
 - certificates offered by, 82
 - classification of courses, 70
 - course descriptions, 83
 - degree requirements, 69
 - Doctoral degrees, 77
 - Master's degrees, 75
 - diversity programs of, 83
 - Financial Support Office, 83
 - foreign language examination, 72
 - format advising, 84
 - grading, 69
 - Graduate Councils, 84
 - intellectual environment of, 81
 - interdisciplinary programs of, 82
 - library system, 82
 - misconduct in research and creative activities, 73
 - nondegree study, 82
 - offices of, 84
 - orientations, 83
 - at Polytechnic campus, 130
 - procedures, 68
 - professional degrees offered, 81
 - professional development services, 83
 - research programs of, 82
 - student support services, 83
 - supervisory committees of, 71
 - theses and dissertations, 72

INDEX

- Graduation
 application
 from Graduate Studies, Division of, 73
 from Graduate Studies at West campus, 421
 fees for, 58
Grady Gammage Memorial Auditorium, 37
Grants
 taxes on, 61
Graphic design concentration, 201
Graphic Information Technology
 concentration, 164
 course descriptions, 167
Gully Travel Fellowship, Anthony, 277
- ## H
- Harassment policies, 30
Harrington Department of Bioengineering, 241
Harry Wood Gallery, 38, 277
Haskell, Linda Memorial Master Class on Current Social Events, 99
Hayden Library, 36
HCDR (Herberger Center for Design Research), 43
Health Industry Leadership certificate, 187
Health Sector Management
 course descriptions, 187
 Health Sector Management (MHSM), 185
 and Business Administration (MBA), 185
 and Juris Doctor (JD), 20
Healthcare Innovation (MHI), 104
Help Desk/Consulting, 39
Herberger Center for Design Research (HCDR), 43
Herberger College of Fine Arts. *See* Fine Arts, Katherine K. Herberger College of.
High Pressure Research, Facility for, 48
High Resolution Electron Microscopy, Center for (CHREM), 48
Higher and Postsecondary Education
 course descriptions, 230
 Higher and Postsecondary Education (MEd, EdD), 230
Higher Education Tax Incentives, 61
Higher Learning Commission, 546
High-resolution nanostructure analysis concentration, 92
Hispanic Leadership Institute, 99
Hispanic Research Center (HRC), 50
History
 course descriptions, 354
 History (MA, PhD), 351, 352
 History and Theory of Art (PhD), 281, 289
 of Tempe campus, 31
 of West campus, 414
Holds on Student Records, 74
Honors College, Barrett,
 academic organization of, 22
Housing. *See* Residential Life.
HRC (Hispanic Research Center), 50
Hugh Downs School of Human Communication. *See* Communication, Hugh Downs School of Human.
Human Evolution and Social Change, School of, 356
Human factors in design area of study, 202
Human Origins, Institute of (IHO), 50
Human Services, College of, 428
 academic organization of, 22
 accreditation of, 415, 548
 Communication Studies (MA), 428
 Communications and Human Relations certificate, 428
 Criminal Justice (MA), 430
 degree programs, 428
 Gerontology certificate, 432
 research centers, 45
 Social Work (MSW), 433
Humanities Research, Institute for (IHR), 50
Humanities, 360
- ## I
- IBeAM (Ion Beam Analysis of Materials Facility), 48
ID card fee, 56
IELTS (International English Language Testing System), 66, 416
IGERT (Integrative Graduate Education and Research Training), 54
IHO (Institute of Human Origins), 50
IHR (Institute for Humanities Research), 50
Immigration Law and Policy Clinic, 311
Immigration Programs for International Faculty and Scholars, Office of, 101
Immunization, 29
 for summer sessions, 102
IN-VSEE (Interactive Nano-Visualization for Science and Engineering Education), 47
InCISE (Institute for Computing and Information Science and Engineering), 53
Income Tax Practitioners' Workshop, 99
Indian (American)
 See also Native Americans.
 Indian Education
 Center for, 44
 course descriptions, 221
 Indian Law certificate, 311
 Indian Legal Clinic, 311
 Indian Legal Program, 311
 Journal of American Indian Education, 44
 Tribal Policy, Law, and Government (LLM) 309

- Industrial design concentration, 201
- Industrial Engineering
 course descriptions, 269
 Department of, 268
 Industrial Engineering (MS, MSE, PhD), 269
- Information Management (MS), 189
 and Business Administration (MBA), 20, 173
- Information Systems Engineering/Management Systems
 Engineering area of study, 269
- Information Systems, Department of, 179
- Information Technology (IT) Department,
 See also Computer-associated degrees.
 Classroom Management, Office of, 39
 classroom support, 39
 computing policies, 39
 computing sites, 38
 Digital Media and Instructional Technologies (DMIT), 39
 DMIT Instruction Support Lab, 39
 E-mail policy, 40
 Help Desk/Consulting, 39
 at West campus, 39
- Initial Teacher Certification Program (ITC), 217
- Installment plan for tuition, 55
- Institute(s). *See* Center(s) and Institute(s).
- Instructor-initiated drop of courses, 68
- Integrative Graduate Education and Research Training
 (IGERT), 54
- Intelligent Stage, 38, 41
- Interactive Nano-Visualization for Science and Engineering
 Education (IN-VSEE) project, 47
- Intercultural communication concentration, 327
- Interdisciplinary Arts and Sciences, New College of, 436
 academic organization of, 23, 436
 degree programs, 436
 Interdisciplinary Studies (MA), 436
 course descriptions, 437
- Interdisciplinary programs.
 See also Certificate(s); Interdisciplinary Arts and Sciences,
 New College of; specific programs.
 African and African Diaspora Studies certificate, 321
 Arts, Media, and Engineering, 85
 Atmospheric Science certificate, 323
 Business Administration (PhD), 85
 Communication (PhD), 327
 Computational Biosciences (PSM), 330
 Creative Writing (MFA), 86
 Curriculum and Instruction (PhD), 213
 Digital Media and Performance Concentration (dance), 287
 Geographic Information Science, 88
 in Graduate Studies, Division of, 82
 Interdisciplinary Physics (MS), 390
 Interdisciplinary Studies (MA), 436
 Justice Studies (MS, PhD), 360
 Materials Science (MS), 88
 Natural Science (MNS), 390
 Physical Activity, Nutrition, and Wellness (PhD), 90
 Public Administration (PhD), 118
 Science and Engineering of Materials (PhD), 91
 Statistics (MS, certificate), 93
 Transportation Systems certificate, 95
- Intergroup Relations Center (IRC), 31
- Interior design concentration, 201
- Intermedia 284
 course descriptions, 284
- International English Language Testing System (IELTS), 66,
 416
- International Management (MIM),
 and Business Administration (MBA), 20
- International programs
 course prefixes for, 64
 International Programs Office (IPO), 101, 130
- International relations research area, 395
- International students
 admission of
 to Graduate Studies, Division of, 66
 to Tempe campus, 66
 to West campus, 416
 financial aid for, 61
- Internet courses, 97
- Ion Beam Analysis of Materials (IBeAM) Facility, 48
- IPO (International Programs Office), 101
- Ira A. Fulton Research Institute, 45
- IRC (Intergroup Relations Center), 31
- ISSR (Institute for Social Science Research), 50
- Iter*, 46
- ## J
- J. Russell and Bonita Nelson Fine Arts Center, 38
- Japanese
 Asian Languages and Civilizations—Chinese/Japanese
 (MA), 366
 course descriptions, 370
- Joan and David Lincoln Center for Applied Ethics (LCAE), 51
- John F. Roatch Global Lectures in Social Policy and Practice
 Lecture Program, 99
- John J. Ross—William C. Blakley Law Library, 36, 312
- Joint Admission Continuous Enrollment, 64
- Joint degrees. *See* Dual degree programs.
- Journal of American Indian Education*, 44
- Journalism and Mass Communication
 course descriptions, 304
 Mass Communication (MMC), 303
 Walter Cronkite School of, 303
 academic organization of, 303

INDEX

- degree programs, 303
- facilities, 303
- Jurimetrics: The Journal of Law, Science, and Technology*, 45, 311
- Juris Doctor (JD)
 - and Business Administration (MBA), 20, 173
 - and Economics (MS), 20, 173
 - and Health Sector Management (MHSM), 20
 - and Justice Studies (PhD), 20, 361
- Justice and Social Inquiry
 - Justice and Social Inquiry, School of, 360
 - Justice Studies
 - course descriptions, 363
 - Justice Studies (MS), 360
 - Justice Studies (PhD), 361
 - and Juris Doctor (JD), 20, 361

K

- KAET Television, 38
- Katherine K. Herberger College of Fine Arts. *See* Fine Arts, Katherine K. Herberger College of.
- Katzin Concert Hall, 38
- Kerr Cultural Center, 38
- Kinesiology
 - course descriptions, 365
 - Department of, 364
 - Kinesiology (MS), 364
 - Kinesiology (PhD), 364

L

- Laboratory(ies)
 - See also* Center(s) and Institutes; Facilities.
 - Center for High Resolution Electron Microscopy (CHREM), 48
 - Digital Media and Instructional Technologies (DMIT), 39
 - Education Policy Studies (EPSL), 44
 - Exercise and Sport Research Institute (ESRI), 49
 - Exercise Biochemistry, 49
 - Exercise Endocrinology, 49
 - Goldwater Materials Science, 48
 - Instruction Support (DMIT) Lab, 39
 - Ion Beam Analysis of Materials (IBeAM) Facility, 48
 - Materials Facility (MF), 48
 - Materials Science Electron Microscopy Laboratory (MSEML), 48
 - Motor Control, 50
 - Scanning Probe Microscopy (SPM), 48
 - Secondary Ion Mass Spectrometry (SIMS), 48
 - Space Photography, 333

- Sport and Exercise Psychology, 50
- University Dance, 38
- Landscape Architecture
 - course descriptions, 201
- Languages and Literatures, Department of, 366. *See also* Foreign languages.
- Las Casas, 34
- Latin American Studies Center, 51
- Law and Philosophy, Committee on, 311
- Law, Sandra Day O'Connor College of
 - academic memberships of, 549
 - accreditation of, 312, 547
 - admission to, 307
 - clinical program, 311
 - course descriptions, 313
 - credit from
 - for Doctoral degrees, 77
 - for Master's degree(s), 76
 - degree programs of, 306, 307, 308
 - library, 312
 - research centers of, 45
- Law, Sandra Day O'Connor College of.
 - Biotechnology and Genomics (LLM), 307
 - Juris Doctor (JD), 306
 - Legal Studies (MLS), 310
 - Tribal Policy, Law, and Government (LLM), 309
- Law, Science, and Technology
 - Center for the Study of, 45
 - certificate in, 307
- LCAE (Joan and David Lincoln Center for Applied Ethics), 51
- Leadership and Innovation (EdD), 442
- Learning and Teaching Excellence
 - Center for, 40
 - course descriptions, 40
- Legal and ethical studies
 - course descriptions
 - at Tempe campus, 180
 - at West campus, 426
- Legal Studies (MLS), 310
- Liberal Arts and Sciences, College of, 317
 - See also* specific departments and programs.
 - academic memberships of, 550, 551, 552
 - academic organization of, 22
 - accreditation of, 547
 - admission to, 318
 - degree programs of, 319
 - facilities of, 318
 - research centers of, 46, 318
- Liberal Studies
 - course descriptions, 371
 - Liberal Studies (MLSt), 371
- Library Information, Systems, and Technology, 36
- Library science

- course descriptions, 222
 - Library(ies)
 - Arizona Historical Foundation, 36
 - of Design, College of, 36
 - Fletcher (at West campus), 36
 - Hayden (at Tempe campus), 35
 - of Institute of Human Origins, 50
 - John J. Ross–William C. Blakley Law, 36
 - Music, 36
 - Noble Science and Engineering, 36
 - at Polytechnic campus, 36, 129
 - of Tempe campus, 35
 - Life Sciences, School of, 372
 - Biology (BS/MS, MS, PhD), 373
 - Microbiology (MS, PhD), 375
 - Molecular and Cellular Biology (MS, PhD), 377
 - Plant Biology (MS, PhD), 378
 - Lifetime Learning Tax Credit, 61
 - Lincoln Center for Applied Ethics (LCAE), Joan and David, 51
 - Linda Haskell Memorial Master Class on Current Social Events, 99
 - Linguistics
 - certificate in, 380
 - course descriptions, 342
 - Literature concentration in English, 338
 - Loans, 61, 423
 - Louise Lincoln Kerr Cultural Center, 38
 - Low Power Electronics (CLPE), Center for, 44
 - Lyceum Theatre, 38
- M**
- Management
 - concentration in Business Administration (PhD), 179
 - course descriptions
 - at Tempe campus, 180
 - at West campus, 427
 - Department of, 179
 - Management of technology concentration, 164
 - Map Collection, 36
 - Maps
 - ASU Campus Locations, 33
 - Mercado, 100
 - of Polytechnic campus, 170
 - of Tempe campus, inside back cover
 - of West campus, 448
 - Marketing
 - concentration in Business Administration (PhD), 178
 - course descriptions
 - at Tempe campus, 181
 - at West campus, 427
 - Department of, 176, 181
 - Mass Communication
 - course descriptions, 304
 - Mass Communication (MMC), 303
 - Master's degree(s)
 - Accountancy and Information Systems (MAIS), 174
 - admission to
 - at Tempe campus, 75
 - at West campus, 416
 - Aerospace Engineering (MS, MSE), 272
 - Agribusiness (MS), 132
 - Anthropology (MA), 356
 - Applied Biological Sciences (MS), 136
 - Applied Psychology (MS), 139
 - Architecture (MArch), 191, 193
 - Art (MA, MFA), 279, 280
 - Asian Languages and Civilizations—Chinese/Japanese (MA), 367
 - Astrophysics (MS), 333
 - Bioengineering (MS), 242
 - Biology (MS), 373
 - Biotechnology and Genomics (LLM), 307
 - Building Design (MS), 192, 196
 - Business Administration (MBA), 177
 - Chemical Engineering (MS, MSE), 247
 - Chemistry (MS), 324
 - Civil and Environmental Engineering (MS, MSE), 252
 - Communication (MA), 326
 - Communication Disorders (MS), 408
 - Communication Studies (MA), 428
 - Composition (MM), 289
 - comprehensive examination
 - at Tempe campus, 76
 - at West campus, 421
 - Computational Biosciences (PSM), 330
 - Computer Science (MS, MCS), 256
 - Computing Studies (MCST), 154
 - Construction (MS), 260
 - Counseling (MC), 232
 - Counselor Education (MEd), 234
 - Creative Writing (MFA), 86
 - credit requirements
 - at Tempe campus, 75
 - at West campus, 421
 - Criminal Justice (MA), 430
 - Curriculum and Instruction (MA, MEd)
 - at Polytechnic campus, 144
 - at Tempe campus, 217
 - Dance (MFA), 287
 - defenses, 76
 - Design (MSD), 192, 201
 - Economics (MS), 183
 - Education (MEd), 212
 - Educational Administration and Supervision (MEd)

INDEX

- at Polytechnic campus, 145
- at Tempe campus, 227
- at West campus, 441
- Educational Psychology (MA, MEd), 235
- Educational Technology (MEd), 237
- Electrical Engineering (MS, MSE), 263
- Elementary Education (MEd), 439
- Engineering (MEng), 266, 267, 272
- Engineering Science (MS, MSE), 239
- Engineering Science (MSE), 268
- English (MA, MTESL), 336, 337
- Exercise and Wellness (MS), 147
- Family and Human Development (MS), 344
- foreign language requirements, 76
- French (MA), 367
- Geographic Information Systems (MAS), 347
- Geography (MA), 347
- Geological Sciences (MS), 334
- German (MA), 367
- graduation requirements
 - at Tempe campus, 77
 - at West campus, 421
- Health Sector Management (MHSM), 185
- Healthcare Innovation (MHI), 104
- Higher and Postsecondary Education (MEd), 230
- History (MA), 351
- Industrial Engineering (MS, MSE), 269
- Information Management (MS), 189
- Interdisciplinary Studies (MA), 436
- Justice Studies (MS), 360
- Kinesiology (MS), 364
- Law credits
 - at Tempe campus, 76
- Legal Studies (MLS), 310
- Liberal Studies (MLSt), 371
- Mass Communication (MMC), 303
- Materials Engineering (MS, MSE), 248
- Materials Science (MS), 88
- Mathematics (MA), 380
- Mechanical Engineering (MS, MSE), 273
- Microbiology (MS), 375
- Molecular and Cellular Biology (MS), 377
- Music (MA), 289
- Music Education (MM), 289
- Music Therapy (MM), 289
- Natural Science (MNS), 381, 385
- Nursing (MS), 106
- Nutrition (MS), 149
- Performance (MM), 289
- Philosophy (MA), 388
- Physical Education (MPE), 142
- Physics (MS), 390
- Plant Biology (MS), 378
- policies about
 - at Tempe campus, 75
 - at West campus, 421
- Political Science (MA), 396
- program of study
 - at Tempe campus, 75
 - at West campus, 420
- Public Administration (MPA), 115
- Recreation (MS), 119
- Religious Studies (MA), 402
- Secondary Education (MEd), 440
- Social and Philosophical Foundations of Education (MA), 231
- Social Work (MSW)
 - at Downtown Phoenix campus, 121
 - at West campus, 433
- Sociology (MA), 407
- Spanish (MA), 367
- Special Education (MA, MEd)
 - at Polytechnic campus, 145
 - at Tempe campus, 225
 - at West campus, 440
- Special Education (MA, MEd), 225
- Statistics (MS), 94
- supervisory committee, 75
- Taxation (MTax), 190
- Teaching English as a Second Language (MTESL), 337
- Technology (MSTech) concentrations, 153
- Theatre (MA, MFA, PhD), 297
- thesis requirements, 76
- time limits
 - at Tempe campus, 77
 - at West campus, 421
- Tribal Policy, Law, and Government (LLM), 309
- Urban and Environmental Planning (MUEP), 192, 206
- Master's in Passing
 - in philosophy, 387
 - in physics, 391
 - in political science, 397
- Materials Research Science and Engineering Center (MRSEC), 47
- Materials Science and Engineering
 - area of study, 247
 - course descriptions, 249
 - Materials Science (MS), 88
- Materials Science Electron Microscopy Laboratory (MSEML), 48
- Mathematics and Statistics
 - course descriptions
 - Mathematics Education, 384
 - Mathematics, 382
 - Statistics and Probability, 384
 - Department of, 380

- Mathematics (MA), 380
 - Mathematics (PhD), 381
 - Natural Science (MNS), 381
 - Matthews, Arthur John, 35
 - Mechanical and Aerospace Engineering
 - Aerospace Engineering (BSE-MS, MS, MSE, MEng, PhD), 272
 - course descriptions, 273
 - Department of, 271
 - Mechanical Engineering (BSE-MS, MS, MSE, PhD), 272
 - Mechanical and Manufacturing Engineering Technology
 - course descriptions, 163
 - Department of, 161
 - Mechanical Engineering (MS, MSE, PhD), 273
 - Media, mass. *See* Journalism and Mass Communication, Walter Cronkite School of.
 - Mediation Clinic, 311
 - Medical Doctor (MD)
 - and Juris Doctor (JD), 20
 - Medical withdrawal, 69
 - Medieval and Renaissance Texts and Studies (MRTS), 46
 - Medieval Studies certificate, 385
 - Mediterranean Studies*, 46
 - Mercado, 34, 97
 - See also* Extended Education, School of.
 - Metals
 - course descriptions, 284
 - Meteorite Studies, Center for, 47, 333
 - Methodology, theory, and criticism in design area of study, 202
 - Microbiology
 - course descriptions, 376
 - Microbiology (MS, PhD), 375
 - Microelectronics engineering technology
 - course descriptions, 160
 - Microelectronics research area, 159
 - Military members and residency classification, 59
 - Mineral physics research area, 332
 - Mineralogy research area, 332
 - Misconduct in scholarly research and creative activities, 73
 - Molecular and Cellular Biology
 - course descriptions, 377
 - Molecular and Cellular Biology (MS, PhD), 377
 - Molecular biosciences/biotechnology
 - course descriptions, 378
 - Morrison Institute for Public Policy, 52, 116
 - Morrison School of Agribusiness and Resource Management.
 - See* Agribusiness and Resource Management, Morrison School of.
 - Motor Control Lab, 50
 - MRSEC (Materials Research Science and Engineering Center), 47
 - MRTS (Medieval and Renaissance Texts and Studies), 46
 - MSEML (Materials Science Electron Microscopy Laboratory), 48
 - Multimedia Writing and Technical Communication
 - course descriptions, 148
 - postbaccalaureate certificate, 148
 - Museum anthropology concentration, 357
 - Museum Studies certificate, 356
 - Music
 - Music (DMA), 292
 - Music (MA), 289
 - Music (MM), 290
 - Music Education (MM), 291
 - course descriptions, 294
 - Music History/Literature (MA), 290
 - course descriptions, 293
 - Music Performance (MM), 292
 - course descriptions, 294
 - Music Theatre, Evelyn K. Smith, 38
 - Music Theory and Composition (MA, MM), 290
 - course descriptions, 294
 - Music Therapy (MM), 290
 - Post-Bachelor's Artist Diploma, 293
 - School of, 277, 289
 - admission, 289, 290, 292
 - instrument rental fee, 56
 - library of, 36
 - private instruction fee, 56
 - Music theatre/opera performance concentration, 290
- ## N
- Nanostructure Analysis, High-Resolution, concentration, 92
 - Nathan Cummings Travel Fellowship, 277
 - Native Americans
 - Indian Education, Center for, 44
 - Indian Legal Program, 311
 - Journal of American Indian Education*, 44
 - residency classification policy for, 60
 - Tribal Policy, Law, and Government (LLM), 309
 - Natural Science (MNS), 381, 385
 - Nelson Fine Arts Center, 38
 - New College of Interdisciplinary Arts and Sciences. *See* Interdisciplinary Arts and Sciences, New College of.
 - Noble Science and Engineering Library, 36
 - Nondegree admission
 - graduate, 67, 82
 - Nonprofit Leadership and Management
 - Center for (CNLM), 52
 - certificate, 114
 - course descriptions, 114
 - Normal School of Arizona, 31
 - North Central Association, 546

INDEX

Northlight Gallery, 38, 277
Numbering system for courses, 62
Nurse Education in Academic and Practice Settings
 certificate, 108
Nursing, College of, 104
 academic organization of, 104
 accreditation of, 105, 546
 advising, 105
 certificate programs, 108
 continuing education programs, 105
 course descriptions, 109
 degree programs, 105
 Nursing (MS), 106
 Nursing Science (DNS), 108
 special services, 105
Nutrition
 course descriptions, 150
 Nutrition (MS), 149

O

OCM (Classroom Management, Office of), 39
Omnibus courses
 abbreviations, 63
 explained, 63
Online courses, 97
Online Services for financial aid, 61
Operation Research and Production Systems area of study,
 269
Operations and production management
 course descriptions, 427
Operations management technology
 course descriptions, 168
Organ Hall, 38
Organization, academic, 22
Organizational communication concentration, 327
Orientations, 83

P

Painting
 course descriptions, 284
Paleontology/paleoecology research area, 332
Parking
 decal refunds, 58
 decals, 56
 for summer sessions, 102
 violations, 56
Passport Acceptance Office, U.S., 35
Paul V. Galvin Playhouse, 37
Payments, tuition, 57

Peace Corps' Master's International Program, 133
Performance (MM), 290
Performance and production, theatre
 course descriptions, 301
Performance concentration (music), 290
Performance pedagogy concentration, 290
Performing and fine arts facilities, 36
Personally identifiable information, 74
Petrology research area, 332
Philosophy
 course descriptions, 389
 Philosophy (MA, PhD), 386
Phoenix Urban Research Lab (PURL), 43
Photography
 course descriptions, 284
Photosynthesis, Center for the Study of Early Events in, 48
Physical Activity, Nutrition, and Wellness (PhD), 90
Physical anthropology concentration, 357
Physical Education
 Curriculum and Instruction (PhD), 141
 Department of, 141
 course descriptions, 143
 Physical Education (MPE), 142
Physical geography
 course descriptions, 349
Physical sciences
 course descriptions, 392
Physics
 course descriptions, 393
 Physics (MS, PhD), 389
Physics teaching program of study, 390
Piano accompanying concentration, 290
Planetary studies research area, 332
Plant biochemistry and molecular biology
 course descriptions, 379
Plant Biology
 course descriptions, 378
 Plant Biology (MS, PhD), 378
Playwriting option in Creative Writing (MFA), 86
Poetry option in Creative Writing (MFA), 87
Political Science
 course descriptions, 398
 Department of, 395
 Political Science (MA, PhD), 396, 397
Political theory research area, 395
Polytechnic campus
 directory of, 585
Polytechnic campus, 128
 See also specific colleges, degree programs, and schools.
 academic organization of, 128
 accreditation of, 128, 546
 administrative personnel, 540
 computing services, 130

- East College, 136
 - Educational Innovation and Preparation, School of, 140
 - faculty and academic professionals, 458
 - general information, 33, 128
 - library services, 129
 - map of, 170
 - research centers of, 51
 - Technology and Applied Sciences, College of, 152
 - University College Services, 130
 - Portfolio
 - for Architecture and Landscape Architecture, School of, 194
 - for Art, School of, 280
 - for Design, 202
 - Postbaccalaureate certification for teachers, 438
 - Post-Bachelor's Artist Diploma (music), 293
 - Prefix index
 - for courses, 7
 - for omnibus courses, 63
 - Preparing Future Faculty program, 83
 - Preparing Future Professionals program, 83
 - Printmaking
 - course descriptions, 285
 - Prism Theatre, 38
 - Professional degrees, 81
 - Professional golf management (PGM)
 - course descriptions, 135
 - Program(s)
 - See also* Degree program(s); specific schools and colleges.
 - fees for, 55
 - of Graduate Studies, Division of, 81
 - Immigration, for International Faculty and Scholars, 101
 - International, 101
 - Preparing Future Faculty, 83
 - Preparing Future Professionals, 83
 - Project 1000, 50
 - Psychology
 - Applied Psychology (MS), 139
 - course descriptions
 - at Polytechnic campus, 140
 - at Tempe campus, 400
 - course descriptions, 401
 - in Education, Division of, 232
 - Psychology (PhD), 399
 - Public Administration (MPA, PhD), 115, 118
 - evening program, 96
 - Public Affairs
 - course descriptions, 116
 - School of, 113
 - Public Art, certificate in, 296
 - Public Defender Clinic, 311
 - Public History
 - concentration, 352
 - emphases in, 353
 - graduate preparation in, 353
 - Public Programs, College of, 113
 - See also* specific degree programs and courses.
 - academic membership of, 548
 - academic organization of, 23
 - accreditation of, 114
 - centers of, 52
 - degree programs, 113
 - Morrison Institute for Public Policy, 52
 - research centers of, 52
 - Public relations. *See* Journalism and Mass Communication, Walter Cronkite School of.
 - Publications program, 84
 - PURL (Phoenix Urban Research Lab), 43
- ## Q
- Quality and Reliability Engineering area of study, 269
 - Quantitative business analysis
 - course descriptions
 - at Tempe campus, 182, 188
 - at West campus, 427
- ## R
- Rabiner Memorial Fellowship, 277
 - Reading education
 - course descriptions
 - at Tempe campus, 222
 - at West campus, 446
 - Readmission,
 - to Graduate Studies, Division of, 67
 - Real Estate
 - continuing education, 99
 - course descriptions, 182
 - Recital Hall, 38
 - Records, 74
 - fees for, 56
 - Recreation
 - course descriptions, 120
 - Recreation (MS), 119
 - Student Recreation Complex (SRC), 55
 - REESC (Russian and East European Studies Center), 51
 - Refugees, residency classification policy, 59
 - Refunds, 58
 - Regents' Professors, 449
 - Registration
 - continuing, 63
 - late fee for, 56
 - procedure, 68

INDEX

for summer sessions, 102
Religion and Conflict, Center for the Study of, 49
Religious Studies
 course descriptions, 405
 Religious Studies (MA, PhD), 402
Remote sensing research area, 332
Renaissance Studies certificate, 385
Research
 centers. *See* Center(s) and Institute(s); Laboratory(ies).
 facilities, 82
 on human and animal subjects, 72
 programs, 82
Research assistantships and associateships
 at Tempe campus, 73
 at West campus, 423
Research Extensive Status, 30
Research on Education in Science, Mathematics,
 Engineering, and Technology, Center for (CRESMET),
 41
Research Park, 34
Residency classification, 59
Residential Life, 29, 57, 58
 for summer sessions, 102
Rhetoric/Composition and Linguistics concentration, 338
RN-BSN-MS Program, 107
Roatch, John F., Global Lectures in Social Policy and Practice
 Lecture Program, 99
Russian
 course descriptions, 370
Russian and East European Studies Center (REESC), 51

S

SAM (Social and Academic Mentor Program), 83
Sandra Day O'Connor College of Law. *See* Law, Sandra Day
 O'Connor College of.
Scanning Probe Microscopy Laboratory (SPM), 48
SCERP (Southwest Center for Environmental Research and
 Policy), 54
Schedule of Classes, 62
Scholarly Publishing
 certificate, 406
 concentration in History, 353
 course descriptions, 406
Scholarships
 See also Fellowships; Financial aid.
 for Graduate Studies at West campus, 423
 taxes on, 61
Science and Engineering Library, Daniel E. Noble, 36
Science and Engineering of Materials
 course descriptions, 93
 Science and Engineering of Materials (PhD), 91

Science education
 course descriptions, 146
Sculpture
 course descriptions, 286
Secondary Education
 course descriptions
 at Polytechnic campus, 146
 at Tempe campus, 223
 at West campus, 446
 foreign language emphasis, 366
 history emphasis, 352
 mathematics emphasis, 380
 Secondary Education (MEd), 440
Secondary Ion Mass Spectrometry (SIMS) laboratory, 48
Security engineering technology
 course descriptions, 153
Seeking Talent, Expanding Participation, Unleashing Potential
 (STEP-UP) awards, 423
Seidman Research Institute, L. William, 41
Services Leadership, Center for (CSL), 42, 172
Sigma Theta Tau International, 105
SIMS (Secondary Ion Mass Spectrometry), 48
Smith Music Theatre, Evelyn K., 38
Social analysis, contemporary, concentration, 357
Social and Academic Mentor Program (SAM), 83
Social and Philosophical Foundations of Education
 course descriptions, 231
 Social and Philosophical Foundations of Education (MA),
 231
Social Policy and Practice Lecture Program, John F. Roatch
 Global Lectures in, 99
Social Work
 course descriptions
 at Downtown Phoenix campus, 125
 at West campus, 435
 School of, 113
 accreditation of, 546
 degree programs of, 114
 Social Work (MSW, PhD)
 at Downtown Phoenix campus, 121
 at West campus, 433
Social-cultural anthropology concentration, 357
Sociology
 course descriptions, 407, 408
 Sociology (MA, PhD), 406
Solid State Electronics Research (CSSER), Center for, 45
Solid-state device materials design concentration, 92
Solid State Science, Center for, 47, 333
Southwest Center for Education Equity and Language
 Diversity, 44
Southwest Center for Environmental Research and Policy
 (SCERP), 54
Southwest Interdisciplinary Research Center, 125

- Space Exploration, Earth and, School of, 331
 - Space Photography Laboratory, 333
 - Spanish
 - course descriptions, 370
 - Spanish (MA), 366
 - Spanish (PhD), 367
 - Speaking Proficiency English Assessment Kit (SPEAK) test, 66, 416
 - Special Education
 - course descriptions
 - at Polytechnic campus, 146
 - at Tempe campus, 225
 - at West campus, 447
 - Special Education (MA, MEd)
 - at Tempe campus, 224
 - Special Education (MEd)
 - at Polytechnic campus, 145
 - at West campus, 440
 - Special studio art
 - course descriptions, 286
 - Speech and Hearing Science
 - course descriptions, 411
 - Speech and Hearing Science (PhD), 408
 - SPM (Scanning Probe Microscopy Laboratory), 48
 - Sport and Exercise Psychology Lab, 50
 - Spouses, residency classification policy, 59
 - STAR (Sustainable Technologies, Agribusiness, and Resources Center), 52
 - Stardust Center for Affordable Homes and the Family, 54
 - Statistics
 - certificate in, 94
 - course descriptions, 384
 - Statistics (MS), 93
 - Step Gallery, 38
 - STEP-UP (Seeking Talent, Expanding Participation, Unleashing Potential) awards, 423
 - Stipends
 - taxes on, 61
 - Strategic Supply Research, Center for (CAPS), 42
 - Strategies for Success series, 83
 - Structure and tectonics research area, 332
 - Structures/materials engineering area of study, 251
 - Student antiretaliation statement, 31
 - Student enrollment numbers, 30
 - Student records, 74
 - fees for, 56
 - Student Recreation Complex (SRC),
 - fee for, 55
 - Student services
 - at Polytechnic campus, 130
 - at Tempe campus, 83
 - Studio Art
 - course descriptions, 283
 - Study abroad programs, 101
 - Asian Studies, Center for, 46
 - course prefixes for, 64
 - Latin American Studies Center, 51
 - Summer sessions, 102
 - fee for, 55
 - refunds for, 58
 - Sun Card, 56
 - Supervisory Committee, Graduate, 71
 - Supply Chain Management
 - Business Administration (PhD) concentration, 178
 - course descriptions, 182
 - Department of, 176
 - Sustainable Technologies, Agribusiness, and Resources Center (STAR), 52
 - Swetman, Ralph W., 32
 - Systems control and instrumentation research area, 159
- ## T
- Taxation (MTax), 190
 - and Business Administration (MBA), 20, 173
 - Taxes
 - on financial aid, 61
 - Lifetime Learning Tax Credit, 61
 - TEACH ME program, 140
 - Teacher certification
 - at Polytechnic campus, 141
 - Teacher Education and Leadership, College of, 438
 - See also* Education, Mary Lou Fulton College of; Educational Innovation and Teacher Preparation, School of.
 - academic organization of, 23
 - course descriptions, 447
 - degree programs, 438
 - Educational Administration and Supervision (MEd), 441
 - Elementary Education (MEd), 439
 - Graduate Studies and Professional Development, Department of, 438
 - Leadership and Innovation (EdD), 442
 - Secondary Education (MEd), 440
 - Special Education (MEd), 440
 - Teachers, residency classification policy, 60
 - Teaching assistantships and associateships
 - at Tempe campus, 73
 - at West campus, 423
 - Teaching certification
 - at Tempe campus, 211, 217
 - at West campus, 438
 - Teaching English as a Second Language (MTESL), 337
 - Technical physics program of study, 390
 - Technology (MSTech) concentrations, 154

INDEX

- Technology and Applied Sciences, College of, 152
 - See also* specific departments and programs.
 - academic organization of, 23, 152
 - accreditation of, 546
 - admission to, 152
 - Aeronautical Management Technology, Department of, 157
 - Computing Studies, 154
 - degree programs, 152
 - Electronics and Computer Engineering Technology, Department of, 158
 - Mechanical and Manufacturing Engineering Technology, Department of, 161
 - Technology Management, Department of, 164
 - Technology Development Studio, 41
 - Technology Management
 - concentration, 164
 - course descriptions, 169
 - Department of, 164
 - Technology Ventures Clinic, 311
 - Technology-supported degree programs, 97
 - Television
 - courses, 97
 - KAET (Channel 8), 38
 - Tempe campus, 34, 171
 - See also* specific colleges and programs.
 - academic organization of, 22
 - accreditation of, 547
 - administrative personnel, 541
 - Business, W. P. Carey School of, 172
 - degree programs of. *See* Degree program(s).
 - Design, College of, 191
 - directory of, 586
 - Education, Mary Lou Fulton College of, 209
 - Engineering, Ira A. Fulton School of, 238
 - faculty and academic professionals, 462
 - Fine Arts, Katherine K. Herberger College of, 276
 - Journalism and Mass Communication, Walter Cronkite School of, 303
 - Law, Sandra Day O'Connor College of, 306
 - Liberal Arts and Sciences, College of, 317
 - Test of English as a Foreign Language (TOEFL), 66, 416
 - Test of Spoken English (TSE), 66, 416
 - Theatre
 - course descriptions, 300
 - and Creative Writing (MFA), 86
 - performance facilities, 36
 - Theatre (MA, MFA), 297
 - Theatre (PhD), 298
 - Theatre and Film, School of, 278, 297
 - Theatre performance and production
 - course descriptions, 301
 - Theses
 - binding fee for, 72
 - formats of, 84
 - for Graduate Studies, Division of, 72
 - requirements for, 76
 - Third-party sponsor billing, 57
 - TOEFL (Test of English as a Foreign Language), 66, 416
 - Transcripts
 - fees for, 56, 58
 - Transportation materials engineering area of study, 251
 - Transportation Systems
 - certificate, 95, 590
 - course descriptions, 95
 - Transportation to campus, 57
 - Travel grants, 277
 - Tribal Policy, Law, and Government (LLM), 309
 - TSE (Test of Spoken English), 66, 416
 - Tuition
 - delinquent payments, 58
 - Division of Graduate Studies Awards for, 61
 - installment plan, 55
 - payment deadlines, 57
 - payment methods, 57
 - per semester rates, 56
 - refunds for, 58
 - residency classification and, 59
 - for summer sessions, 102
 - veterans deferred, 57
- ## U
- Understanding the Cultural Context, 125
 - University
 - Alumni Association, 40
 - campuses and sites of, 33
 - Computing facilities and services, 38
 - computing policies, 39
 - equal opportunity/affirmative action policies of, 30
 - general information about, 30
 - history of, 31
 - learning and teaching excellence, 40
 - libraries and collections of, 35
 - mission, 30
 - organization of, 30
 - performing and fine arts facilities, 36
 - research centers. *See* Center(s) and Institute(s).
 - withdrawal, 68
 - University Archives, 36
 - University Art Museum, 36
 - University College, 24. *See also* Extended Education, School of.
 - academic organization of, 24
 - University College, 96. *See also* Extended Education, School of.

- academic organization of, 96
- University Dance Laboratory, 38
- Urban and Environmental Planning
 - admission, 206
 - course descriptions, 207
 - Urban and Environmental Planning (MUEP), 192, 206
- Urban horticulture
 - Plant Biology (BS)
 - course descriptions, 378
- Urban Inquiry, Center for, 52
- Urban Issues Lecture Series, 99
- U.S. Passport Office, 35

V

- Verification guidelines for enrollment
 - graduate, 69
- Veterans services,
 - tuition payment and, 57
- Vice President for Research and Economic Affairs
 - research centers of, 53
- Violence Prevention and Community Safety, Center for, 45
- Virginia C. Piper Center for Creative Writing, 51
- Visa programs, employment-based, 101
- Visual communication design area of study, 202
- Volcanology research area, 332

W

- Water resources engineering area of study, 251
- Wealth Management program, 99
- Web-based courses, 97
- Weekend courses, 96
- West campus, 34
 - academic organization of, 22, 415
 - accreditation of, 414
 - administrative personnel, 545
 - certificate programs of, 415
 - directory, 591
 - faculty and academic professionals, 528
 - Global Management and Leadership, School of, 424
 - graduate studies at, 416. *See also* Graduate Studies at West campus.
 - Human Services, College of, 428
 - Interdisciplinary Arts and Sciences, New College of, 436
 - library, 415
 - map of, 448
 - Teacher Education and Leadership, College of, 438
- Western Alliance to Expand Student Opportunities, 50
- Winter Session, 97
- Withdrawal

- procedures for
 - at Tempe campus, 68
 - at West campus, 419
 - refunds for, 58
- Women's Studies
 - course descriptions, 413
- Writing
 - Creative Writing (MFA), 86
 - Multimedia, and Technical Communication, 148