Undergraduate CATALOG

2015 – 2016

Georgia State University

Undergraduate Catalog

These catalogs provide information regarding all of the undergraduate and graduate programs offered by Georgia State University during the 2015-2016 academic year. The statements made in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and this institution.

Although Georgia State University has made every reasonable effort to present the information contained in this catalog with factual accuracy, no responsibility is assumed by the university for editorial or clerical errors. At the time of production and posting to the website, the text of this catalog most accurately described the course offerings, programs, faculty listings, policies, procedures, regulations, and requirements of the university. While the provisions of this catalog will ordinarily be applied as stated, Georgia State University reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be available online in Catalog Addendums. Changes by colleges are also available in the Office of the Dean. It is the student's individual responsibility to be aware of current graduation requirements for his or her particular degree program.

Table Of Contents

1000 University Information ... 13
1010 Mission Statement ... 13
1020 Accreditation ... 14
1030 Degrees and Certificates Offered by Georgia State ... 14
1030.10 Andrew Young School of Policy Studies ... 14
1030.20 College of Arts and Sciences ... 14
1030.30 College of Education and Human Development ... 15
1030.40 College of Law ... 16
1030.50 J. Mack Robinson College of Business ... 17
1030.60 Byrdine F. Lewis School of Nursing and Health Professions ... 17
1030.70 School of Public Health ... 18
1030.80 Explanation of Abbreviations for Degrees and Certificates Offered ... 18
1040 Academic Resources ... 19
1040.10 Libraries ... 19
1040.20 Information Systems and Technology ... 19
1040.30 Alpharetta Center ... 20
1040.40 The Welcome Center ... 20
1040.50 Alumni Association ... 20
1040.60 Foundation ... 21
1050 Policies and Disclosures ... 21
1050.10 Equal Opportunity Policy ... 21
1050.20 Disability Complaint Policy ... 22
1050.30 Disruptive Behavior Policy ... 23
1050.40 University Code of Conduct ... 23
1050.50 Federal and State Law Disclosure Requirements ... 23
1050.60 Integrity in Research, Scholarly and Creative Activities ... 23
1050.70 Intellectual Property ... 24
1050.80 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 24
1050.90 Criminal & Disciplinary History: Continuing Duty to Report ... 32
1055 Family Educational Rights and Privacy Act (FERPA) ... 32
1060 Access to Student Records ... 40
1100 Undergraduate Admissions ... 42
1110 Office of Undergraduate Admissions ... 42
1115 General Admission Policy ... 42
1115.05 Lawful Presence ... 44
1115.10 Special Talent Admission Policy ... 45
1120 Freshman Applicants ... 45
1125 Transfer Applicants ... 49
1130 Postbaccalaureate Applicants ... 52
1135 Transient Applicants ... 53
1145 Non-traditional Applicants ... 55
1150 Dual Enrollment Programs ... 55
1154 Early College ... 61
1155 GSU-62 Program ... 63
1165 International Students, Students with Non-U.S. Credentials, and Non-native Speakers of English ... 64
1170 Re-entry Applicants ... 66
1175 Academic Regulations that Apply to Various Admission Categories ... 68
1175.10 Transient Students ... 68
1175.20 Postbaccalaureate Students ... 69
1175.30 International Students ... 69
1180 Undergraduate Admissions Appeals ... 69
1200 Financial Information ... 70

1210 Tuition and Fees ... 70
1210.10 Waivers of Tuition and Fees ... 70
1210.20 Payment of Tuition and Fees ... 71
1210.30 Refund of Tuition and Fees ... 73
1210.40 Housing Fees ... 73
1220 Georgia Resident Status ... 74
1220.10 Petitioning for Georgia Residency for Fee Payment Purposes ... 75
1230 Financial Aid ... 75
1230.10 Scholarships ... 76
1230.15 Grants ... 77
1230.20 Student Loans ... 77
1230.30 Student Employment Programs ... 78
1230.40 Other Sources of Financial Assistance ... 79
1230.50 International Students, Students with Non-U.S. Academic Credentials, and Non-Native Speakers of English ... 80
1240 Scholarships and Awards Offered Through a College or Department ... 81
1240.10 Andrew Young School of Policy Studies Scholarships ... 81
1240.20 College of Arts and Sciences Undergraduate Scholarships ... 82
1240.30 HOPE Scholarship/Zell Miller Scholarship ... 89
1240.40 Army Reserve Officers Training Corps Scholarships ... 90
1240.50 College of Education and Human Development Scholarships ... 90
1240.60 Byrdine F Lewis School of Nursing and Health Professions Scholarships ... 90
1240.70 J. Mack Robinson College of Business Scholarships ... 91
1300 University Academic Regulations ... 104
1302 General Information ... 104
1302.10 University Academic Policies ... 104
1302.20 Student Computer Access Requirement ... 104
1302.25 Georgia State University Email ... 104
1302.30 Academic Calendar ... 105
1310 Academic Advisement and Development ... 105
1310.10 Incept: New Student Orientation ... 105
1310.20 Placement Testing ... 106
1310.30 University Advisement Center ... 107
1310.40 Undergraduate Studies ... 108
1310.50 Learning Support Program ... 110
1310.55 Required High School Curriculum (RHSC) ... 112
1310.70 University Career Services ... 112
1310.80 International Student and Scholar Services ... 113
1316 Changes in Personal Data ... 114
1320 Course Credit ... 114
1320.10 Transfer Credit Policy ... 114
1320.20 Credit Transfer for Transient Students ... 116
1320.30 Credit for Correspondence or Extension Programs ... 117
1320.40 Credit by Examination ... 117
1320.50 College Board Advanced Placement (AP) Examination ... 117
1320.60 College-Level Examination Program (CLEP) ... 119
1320.70 International Baccalaureate (IB) Examinations ... 120
1320.80 Credit for End of High School Examinations from Countries Other than the United States ... 123
1320.90 Credit for Massive Open Online Courses (MOOCs) ... 124
1322 Transcript Requests ... 124
1324 Enrollment and Degree Information ... 124
1330 Registering for Classes ... 125
1330.05 Office of the Registrar ... 125
1330.10 Registration Procedures ... 125
1330.12 Registration Notifications When Returning to Georgia State ... 126
1330.15 Registration Time-Ticket Assignments ... 127

1330.18 Late Registration 127
1330.20 Immunizations 127
1330.25 Audit Status 129
1330.30 Course Load 129
1330.33 Registration Restrictions 130
1330.35 Taking a Course More Than Once 130
1330.40 Cross Registration 130
1330.55 Off-Campus Courses 132
1332 Revision of Class Schedules (Add/Drop/Withdraw) 132
1332.10 Dropping Classes and Voluntary Withdrawal 133
1332.20 Withdrawals and Drops from Off-Campus Courses and Cancelled Courses 135
1332.30 Involuntary Withdrawal 135
1332.40 Emergency Withdrawal 136
1332.45 Military Withdrawal 136
1332.50 Non-Academic Withdrawal 137
1334 Class Attendance 138
1336 Final Examinations 139
1340 Classification of Students and Courses 139
1340.10 Class Standing 139
1340.20 Change of Catalog Edition 140
1340.30 Declaration of Major 141
1340.35 Change of Degree Major and College 141
1340.40 Double Major 141
1340.45 Dual Degrees 142
1340.50 Dual Undergraduate/Graduate Degree Programs 142
1340.60 Classification of Courses 142
1350 The Grading System 143
1350.10 Grades 143
1350.20 Cumulative Grade Point Average (GPA) 144
1350.25 Repeat to Replace Policy 146
1350.30 Changes in Grade 147
1350.40 Posthumous Grades 147
1352 Academic Recognitions 148
1352.20 Signature Experiences 149
1352.30 Global Scholars 150
1352.40 City Scholars 151
1360 Academic Support 152
1360.10 Scholastic Discipline 152
1360.20 Academic Improvement Program (AIP) 152
1360.30 Academic Renewal 153
1380 Academic Honesty 155
1382 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals 162
1400 University Degree Requirements and Graduation 163
1405 Learning Outcomes 163
1410 Core Curriculum Requirements 164
1410.10 Area A1: Written Communication (6) 165
1410.15 Area A2: Mathematics (3-4) 165
1410.20 Area B: Institutional Foundations (4) 166
1410.30 Area C: Humanities and Fine Arts (6) 166
1410.40 Area D: Natural and Computational Sciences (11) 168
1410.50 Area E: Social Science (12) 171
1410.60 Area F: Lower Division Major Requirements (18) 172
1415 Area G & Beyond 172
1420 Regents Reading and Writing Requirements 172
1425 Federal and State Constitution and History Requirements 172

1430 Critical Thinking Through Writing (CTW) Requirement ... 173
1435 Critical Thinking, United States, and Global Issues Requirements ... 173
1437 Major Requirement and Minors Policy ... 173
1440 Academic Residence Requirement ... 173
1450 D Grade Credit Restriction ... 174
1460 GPA Requirement ... 174
1470 No I Requirement ... 174
1480 Semester Hours Requirement ... 174
1490 Graduation Information ... 175
1490.10 Application for Graduation ... 175
1490.20 Graduation with Honors ... 176
1490.25 Graduation Ceremonies ... 176
1490.30 Exit Examinations ... 177
1490.40 Posthumous Undergraduate Degrees ... 177
1500 Student Life and Services ... 178
1504 Auxiliary and Support Services ... 178
1504.10 ATMs ... 178
1504.15 University Bookstore ... 178
1504.20 Graduation Regalia and Photography ... 179
1504.25 PantherDining ... 179
1504.30 PantherCard ... 180
1504.40 Parking and Transportation ... 181
1504.45 University Printing and Copy Services ... 183
1504.50 Mail Services ... 183
1504.55 Rialto Center for the Arts ... 184
1504.60 Safety and Risk Management ... 184
1504.65 Vending ... 184
1506 Child Development Center ... 184
1508 Civic Engagement ... 184
1510 Counseling and Testing Center ... 185
1511 Student Victim Assistance ... 186
1512 Dean of Students ... 186
1512.10 Student Advocacy and Outreach ... 186
1512.20 Emergency Assistance ... 187
1512.25 Student Conduct ... 187
1512.55 Student Health Insurance ... 187
1514 Disability Services ... 188
1515 Educational Opportunity and TRIO Programs ... 188
1517 Georgia Career Information Center ... 189
1518 Intercollegiate Athletics ... 189
1519 Leadership Development ... 190
1520 Multicultural Programs and Services ... 190
1520.05 Office of Black Student Achievement ... 190
1520.10 Multicultural Center ... 190
1522 Student Involvement ... 191
1522.10 New Student Orientation ... 191
1522.20 Parent Relations and Parents Association ... 191
1522.30 Greek Life ... 191
1522.40 Student Organizations ... 192
1522.50 Honor Societies and Professional Organizations ... 192
1522.60 Religious Activities ... 192
1524 Ombudsperson ... 193
1526 Recreational Services ... 193
1528 Student Health Promotion and Education ... 194
1529 Health Services ... 194

1530 Student Government Association ... 196
1534 Student Center ... 196
1534.10 Student Programs ... 196
1534.30 Student Media ... 197
1536 University Career Services ... 197
1538 University Committees ... 199
1538.10 University Senate Committee on Student Life and Development ... 199
1538.20 Student Activity Fee Committee ... 199
1538.30 Committee on Student Communications ... 199
1538.40 Student Technology Fee Subcommittee ... 200
1540 University Housing ... 200
1542 Off-Campus Housing ... 201
1600 Teacher Preparation ... 202
1605 Entry into Teacher Education ... 204
1610 Educational Field Experiences and Student Teaching ... 205
1615 Teacher Certification ... 207
1620 University Recommendation ... 208
1625 Application for Teacher Certification ... 208
1630 Georgia Assessments for the Certification of Educators (GACE) ... 208
1631 edTPA ... 210
1635 Teacher Education Core ... 210
1640 Professional Education Faculty (PEF) ... 210
1650 Teacher Education Warranty ... 211
1700 Honors College ... 212
2000 Andrew Young School of Policy Studies ... 216
2010 Office of the Dean ... 217
2020 Academic Regulations ... 226
2030 College-level Degree Requirements ... 228
2050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 229
2060 Student Organizations ... 230
2070 Academic Departments and Faculty ... 233
2105 Criminal Justice ... 237
2110 Economics ... 244
2120 International Economics and Modern Languages ... 252
2130 Public Policy ... 256
2140 Social Work ... 263
2150 Graduate Programs in the Andrew Young School of Policy Studies ... 269
3000 College of Arts and Sciences ... 271
3010 General Information ... 272
3020 College Academic Regulations ... 278
3030 College Degree Requirements ... 280
3040 Office of Academic Assistance ... 284
3050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals ... 285
3060 Departments, Schools and Institutes ... 286
3090 African-American Studies ... 287
3100 Anthropology ... 292
3110 Applied Linguistics and English as a Second Language ... 295
3120 Arabic ... 300
3130 Art and Design ... 301
3140 Arts Administration - Speech and Theatre ... 320
3150 Asian Studies ... 322
3160 Astronomy ... 327
3170 Biology ... 328
3180 Chemistry ... 336
3183 Chinese Studies ... 342

3185 Chinese Language and Society 344
3190 Classical Studies 348
3200 Community Studies 352
3210 Computer Science 353
3220 English 358
3230 English as a Second Language (ESL) 370
3235 Entertainment Media Management 371
3240 Environmental Science 374
3250 Ethics 378
3260 European Union Studies 380
3270 Film and Video 383
3280 French 387
3285 Game Design and Development 395
3290 Geosciences 400
3300 German 410
3310 Gerontology 417
3320 History 419
3330 Intensive English Program 423
3340 International Studies 424
3350 Italian 426
3360 Italian Studies 429
3370 Japanese 432
3380 Journalism 433
3390 Latin 437
3395 Latin American Studies 438
3400 Law and Society 440
3410 Mathematics and Statistics 443
3415 Media Entrepreneurship 452
3420 Middle East Studies 456
3430 Military Science and Leadership 461
3440 Music 464
3445 Neuroscience 483
3450 Philosophy 488
3460 Physics 493
3470 Political Science 504
3480 Pre-Law Programs 509
3490 Pre-Medical Programs 510
3500 Psychology 511
3510 Religious Studies 518
3520 Sociology 521
3530 Spanish 528
3540 Speech 535
3550 Teacher Preparation Programs 538
3560 Theatre 540
3570 Women's, Gender, and Sexuality Studies 545
4000 College of Education and Human Development 549
4010 Students' Responsibilities 553
4020 College Academic Advisement 554
4030 College Academic Regulations 556
4040 Program Degree Requirements 559
4100 Birth Through Five 560
4110 Early Childhood Education 564
4120 Exercise Science 569
4130 Health and Physical Education 572
4140 Human Learning and Development 577

4150 Middle Level Education 582
4200 Minor in Educational Psychology 590
4210 Minor in Special Education - High Incidence Disabilities 591
4220 Minor in Urban Education 592
4300 Initial Certification in Special Education General Curriculum P-12 594
4310 Initial Certification in Healthcare Science 596
4320 Initial Certification in Career and Technical Specializations 597
4400 Graduate Degree Programs 598
5000 Byrdine F Lewis School of Nursing and Health Professions 600
5010 General Information 601
5020 Academic Regulations 603
5030 Degree Requirements 605
5040 Academic Advisement 611
5050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals 612
5060 Honors and Awards 613
5110 Health Informatics 615
5120 Nursing 619
5130 Nutrition 624
5140 Respiratory Therapy 627
6000 College of Law 631
7000 J. Mack Robinson College of Business 632
7010 General Information 633
7020 Academic Regulations 635
7030 B.B.A. Degree Requirements 639
7040 Office of Undergraduate Academic Assistance 644
7045 Robinson Career Management Center 646
7050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals 647
7060 College Honors Day 648
7070 Beta Gamma Sigma 649
7080 Business Learning Community 650
7090 Departments and Faculty 651
7100 School of Accountancy 654
7110 Department of Computer Information Systems 656
7120 Department of Economics 659
7130 Department of Finance 661
7140 Institute of Health Administration 663
7150 Honors Program 664
7160 Cecil B. Day School of Hospitality Administration 666
7170 Institute of International Business 669
7180 Department of Managerial Sciences 671
7190 Department of Marketing 674
7200 Department of Real Estate 677
7210 Department of Risk Management and Insurance 678
7220 Actuarial Science 679
7230 Legal Studies 681
7240 Risk Management and Insurance 682
7250 Minor in Entrepreneurship 684
7260 Graduate Programs Offered by the J. Mack Robinson College of Business 686
8000 School of Public Health 687
Appendix I Course Descriptions 688
Course Subjects 688
Definitions 692
ACCOUNTING 694
ACTUARIAL SCIENCE 697
AFRICAN-AMERICAN STUDIES 699

ANTHROPOLOGY 707
APPLIED LINGUISTICS 716
ARABIC 720
ART 722
ART EDUCATION 724
ART HISTORY 727
ASTRONOMY 732
BIOLOGY 734
BIRTH THROUGH FIVE 752
BUSINESS ADMINISTRATION--BA 755
BUSINESS ADMINISTRATION--BUSA 756
BUSINESS COMMUNICATION 758
CHEMISTRY 759
CHINESE 770
CLASSICAL STUDIES 773
COMMUNICATION SCI & DISORDERS 774
COMPUTER INFORMATION SYSTEMS 775
COMPUTER SCIENCE 782
COUNSELING & PSYCH SERVICES 790
CRIMINAL JUSTICE 791
CURRICULUM & INSTRUCTION 800
DRAWING, PAINTING, PRINTMAKING 803
EARLY CHILDHOOD EDUCATION 806
ECONOMICS 813
ED, BUSINESS, AND TECHNOLOGY 819
EDUCATION 821
EDUCATIONAL PSYCHOLOGY 824
ENGLISH 826
ENTREPRENEURSHIP MINOR 840
EPS/RESEARCH 842
EXCEPTIONAL CHILDREN 843
FILM 850
FINANCE 861
FOLKLORE 866
FOREIGN LANGUAGE 867
FRENCH 870
GEOGRAPHY 874
GEOLOGY 880
GERMAN 885
GERONTOLOGY 889
GRAPHIC DESIGN 891
GREEK - ANCIENT 895
GREEK - MODERN 896
GSU NEW STUDENT ORIENTATION 897
HEALTH ADMINISTRATION 898
HEBREW - BIBLICAL 899
HEBREW - MODERN 900
HISTORY 901
HONORS 921
HOSPITALITY ADMINISTRATION 922
INTENSIVE ENGLISH PROGRAM 928
INTEGRATED SCIENCES 931
INTERIOR DESIGN 932
INTERNATIONAL BUSINESS 935
INTERNATIONAL EXCHANGE 937

ITALIAN 938
JAPANESE 940
JEWISH STUDIES 942
JOURNALISM 943
KINESIOLOGY & HEALTH 952
KOREAN 964
LANGUAGE ARTS EDUCATION 965
LATIN 966
LEARNING TECHNOLOGIES 968
LEGAL STUDIES 970
MANAGERIAL SCIENCES 972
MARKETING 979
MATHEMATICS 987
MATHEMATICS EDUCATION 998
MIDDLE EAST STUDIES 999
MILITARY SCIENCE LEADERSHIP 1.004
MUSIC 1.006
MUSIC APPRECIATION 1.023
MUSIC TECHNOLOGY MANAGEMENT 1.025
NATURAL SCIENCES 1.028
NEUROSCIENCE 1.029
NURSING 1.035
NUTRITION 1.041
PERSONAL FINANCIAL PLANNING 1.046
PERSPECTIVES 1.047
PHILOSOPHY 1.048
PHOTOGRAPHY 1.057
PHYSICAL THERAPY 1.059
PHYSICS 1.060
POLITICAL SCIENCE 1.065
PORTUGUESE 1.076
PSYCHOLOGY 1.077
PUBLIC HEALTH 1.085
PUBLIC MANAGEMENT & POLICY 1.086
READING EDUCATION 1.091
REAL ESTATE 1.093
RELIGIOUS STUDIES 1.096
RESPIRATORY THERAPY 1.108
RISK MANAGEMENT AND INSURANCE 1.112
RUSSIAN 1.116
SCH OF NURSING & HEALTH PROF. 1.117
SCIENCE EDUCATION 1.122
SOCIAL STUDIES EDUCATION 1.123
SOCIAL WORK 1.124
SOCIOLOGY 1.130
SPANISH 1.138
SPEECH 1.145
SWAHILI 1.150
TEACHING ESL/COLLEGE OF ED 1.151
TEXTILES 1.152
THEATRE 1.155
THREE-DIMENSIONAL STUDIES 1.159
TURKISH 1.163
WOMEN'S GENDER & SEXUALITY STUDIES 1.164
Appendix II Administration and Faculty 1.172

The University System of Georgia 1.172
The Board of Regents 1.174
Georgia State University Administration 1.176
Faculty 1.178
Andrew Young School of Policy Studies Faculty 1.178
College of Arts and Sciences Faculty 1.185
College of Education and Human Development Faculty 1.214
Byrdine F. Lewis School of Nursing and Health Professions Faculty 1.223
College of Law Faculty 1.226
J. Mack Robinson College of Business Faculty 1.229
School of Public Health Faculty 1.239

1000 University Information

Georgia State University is the embodiment of an idea: a great university is accessible, responsive and relevant. This combination provides Georgia State students with many advantages.

Accessibility at Georgia State has many aspects. One is ***physical accessibility***. The compact central campus in downtown Atlanta is within walking distance of thousands of offices and downtown living spaces and is but a short distance from major thoroughfares, interstates and the many MARTA rapid-transit routes that feed the center of the city. The Georgia State MARTA station is adjacent to a campus at the very heart of the cultural, financial, legal, government, healthcare, retail and convention centers of Atlanta.

The downtown location provides a special advantage for students pursuing internships, which often lead to full-time careers upon graduation.

Georgia State is ***financially accessible***. The university offers a first-rate education in a very broad spectrum of disciplines at very competitive fees, an excellent value in today's educational marketplace. More than $320 million in scholarships, financial aid and work-study programs is provided annually.

The university is ***responsive*** to students' career goals, providing over 200 undergraduate and graduate degree programs in over 100 fields of study through its college-level units: the College of Arts and Sciences, the J. Mack Robinson College of Business, the College of Education and Human Development, the College of Law, the Byrdine F. Lewis School of Nursing and Health Professions, the Andrew Young School of Policy Studies, the School of Public Health and the Honors College. Each term, courses are taught day and evening, and students may study full or part-time. Many programs may be entered any term of the year.

Georgia State's degree programs are highly respected and well recognized for their quality. Furthermore, they are *relevant* to the practical needs of both the student and the community. Most were designed with the input of community and industry advisory groups. ***A Georgia State University education is authentic preparation for success in today's world.***

Georgia State — a premier urban research institution — is the second largest of Georgia's accredited institutions of higher learning and enrolls over 32,000 students each fall — 10 percent of all students in higher education in the state. Students come from nearly every county in Georgia, every state in the union and over 150 nations. Georgia State has a racially diverse student body with 37 percent being white, 38 percent black, 13 percent Asian, 5 percent mixed race, 0.3 percent American Indian, 0.1 percent native Hawaiian/Pacific Islander and 7 percent unreported. Eight percent of Georgia State students define their ethnicity as Hispanic.

1010 Mission Statement

Georgia State University — a doctoral research institute — offers educational opportunities for traditional and nontraditional students at both the graduate and undergraduate levels by blending the best of theoretical and applied inquiry, scholarly and professional pursuits, and scientific and artistic expression. As an urban research university with strong disciplinary-based departments and a wide array of problem-oriented interdisciplinary programs, the goal of the university is to develop, transmit, and utilize knowledge

in order to provide access to quality education for diverse groups of students, to educate leaders for the State of Georgia and the nation, and to prepare citizens for lifelong learning in a global society.

1020 Accreditation

Georgia State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097) to award bachelors, masters, educational specialist, and doctoral degrees. Specialized accreditations for specific academic programs are listed in the college chapters of this catalog.

1030 Degrees and Certificates Offered by Georgia State

1030.10 Andrew Young School of Policy Studies

Criminal Justice	B.S., M.S., Ph.D.
Disaster Management	G. Cert.
Economics	B.A., B.S., M.A., Ph.D.
International Economics and Modern Languages	B.A.
Nonprofit Management & Social Enterprise	G. Cert.
Planning and Economic Development	G. Cert.
Public Administration	M.P.A., M.P.A./J.D.*
Public Policy	B.S., M.P.P., Ph.D.**
Social Work	B.S.W., M.S.W.

* Joint program between the College of Law and Andrew Young School of Policy Studies.
** Joint program with Georgia Institute of Technology.

1030.20 College of Arts and Sciences

African-American Studies	B.A., M.A.
Anthropology	B.A., M.A.
Applied Linguistics	B.A., M.A., Ph.D.
Applied Philosophy	G.Cert.
Art	B.A.
Art Education	B.F.A., M.A.Ed.
Art History	M.A.
Arts Administration – Speech/Theatre	B.I.S.
Asian Studies	B.I.S.
Astronomy	Ph.D.
Biology	B.S., M.S., Ph.D.
Chemistry	B.S., M.S., Ph.D.
Classical Studies	B.I.S.
Communication	M.A., Ph.D.

Computer Science	B.S., M.S., Ph.D.
Creative Writing	M.F.A.
English	B.A., M.A., Ph.D.
Environmental Science	B.I.S.
Film and Video	B.A.
French	B.A., M.A.
Game Design and Development	B.I.S.
Geosciences	B.A., B.S, U.Cert., M.S., G.Cert.
German	B.A., M.A.
Gerontology	U. Cert., G.Cert., M.A.
Heritage Preservation	M.H.P., G.Cert.
History	B.A., M.A., Ph.D.
Interdisciplinary Studies	B.I.S.
International Economics and Modern Languages	B.A.
International Studies	B.I.S.
Interpretation	G.Cert.
Italian Studies	B.I.S.
Journalism	B.A.
Latin American Studies	G. Cert.
Law and Society	B.I.S.
Mathematics	B.S., M.S., M.A., Ph.D.
Media Entrepreneurship	B.I.S.
Middle East Studies	B.I.S.
Music	B.Mu., M.Mu.
Music Management	B.S.
Philosophy	B.A., M.A.
Physics	B.S., M.S., Ph.D.
Political Science	B.A., M.A., Ph.D.
Psychology	B.A., B.S., M.A., Ph.D.
Religious Studies	B.A., M.A.
Sociology	B.A., M.A., Ph.D.
Spanish	B.A., M.A.
Speech	B.A.
Studio (Art)	B.F.A., M.F.A.
Teaching English as a Foreign Language	U.Cert. (TEFL), G.Cert. (TESOL)
Theatre (Design and Performance)	B.I.S.
Translation	G.Cert.
Women's, Gender and Sexuality Studies	B.A., G.Cert., M.A.

1030.30 College of Education and Human Development

Behavior/Learning Disabilities	M.Ed.
Birth Through Five	B.S.E.
Clinical Rehabilitation Counseling	M.S.
Communication Sciences and Disorders	M.S.
Counseling Psychology	Ph.D.
Counselor Education and Practice	Ph.D.
Curriculum and Instruction	Ed.D.
Early Childhood Education	B.S.E.,M.A.T., M.Ed.
Early Childhood and Elementary Education	Ph.D.
Education of Students with Exceptionalities	Ph.D.
Educational Leadership	M.Ed., Ed.S., Ed.D.
Educational Policy Studies	Ph.D.
Educational Psychology	M.S., Ph.D.
Educational Research	M.S.
Elementary Education	M.Ed.
English Education	M.A.T.
English to Speakers of Other Languages Education	M.A.T.
Exercise Science	B.S., M.S.
Health and Physical Education	B.S.E., M.Ed.
Human Learning and Development	B.I.S.
Instructional Design and Technology	G.Cert., M.S.
Instructional Technology	Ph.D.
International Education	G.Cert.
Kinesiology	Ph.D.
Literacy Certificate	G.Cert.
Mathematics Education	M.A.T., M.Ed.
Mental Health Counseling	M.S.
Middle Level Education	B.S.E., M.A.T.
Multiple and Severe Disabilities	M.Ed.
Qualitative Research	G.Cert.
Quantitative Research	G.Cert.
Reading, Language, and Literacy Education	M.Ed.
School Counseling	M.Ed., Ed.S.
School Psychology	M.Ed., Ed.S., Ph.D.
Science Education	M.A.T., M.Ed.
Social Foundations of Education	M.S.
Social Studies Education	M.A.T., M.Ed.
Sports Administration	M.S.
Sports Medicine	M.S.
Teaching and Learning	Ph.D.
Urban Teacher Leadership	M.Ed.

1030.40 College of Law

Law	J.D., J.D./M.A.***, J.D./M.B.A.****,

	J.D./M.P.A.*, J.D./M.P.H.*****

* Joint program between the College of Law and Andrew Young School of Policy Studies.
*** Joint program between the College of Law and the College of Arts and Sciences.
**** Joint program between the College of Law and the J. Mack Robinson College of Business.
***** Joint program between the College of Law and the School of Public Health.

1030.50 J. Mack Robinson College of Business

Accounting	B.B.A., G. Cert., M.B.A., M.P.Acct., Ph.D.
Actuarial Science	B.B.A., M.A.S.
Analytics	M.S.
Business Economics	B.B.A.
Computer Information Systems	B.B.A., M.B.A., M.S.I.S., Ph.D.
Enterprise Risk Management	G.Cert.
Finance	B.B.A., M.B.A., M.S., Ph.D.
General Business	M.B.A., EDB
Global Hospitality Management	M.G.H.M.
Health Administration	M.H.A., M.S.H.A.
Hospitality Administration	B.B.A., U. Cert.
Information Systems	M.B.A.
Information Systems Audit and Control	M.S.I.S.A.C.
International Business	M.B.A., M.I.B, U. Cert.
Managerial Sciences	B.B.A., M.B.A., M.S., Ph.D.
Marketing	B.B.A., M.B.A., M.S., Ph.D.
Personal Financial Planning	M.B.A.
Real Estate	B.B.A., G. Cert., M.B.A., M.S.R.E., Ph.D.
Risk Management and Insurance	B.B.A., M.B.A., M.S., Ph.D.
Supply Chain and Analytics Management	Ph.D.
Talent Management	M.B.A., Ph.D.
Taxation	M.Tx.
Wealth Management	M.S.

1030.60 Byrdine F. Lewis School of Nursing and Health Professions

Clinical Health Informatics	B.I.S.
Clinical Nurse Specialist – Adult Health Gerontology Nursing	G. Cert.
Family Psychiatric Mental Health Nursing	G. Cert.
Nurse Practitioner – Adult Health Gerontology Nursing	G. Cert.
Nursing	B.S., M.S., G. Cert., Ph.D., D.N.P.
Nutrition	B.S., M.S.
Pediatric Primary Care Nurse	G. Cert.

Practitioner	
Physical Therapy	D.P.T.
Respiratory Therapy	B.S., M.S.

1030.70 School of Public Health

Public Health	G. Cert., M.P.H., Ph.D., J.D./M.P.H.*****

***** Joint program between the College of Law and the School of Public Health.

1030.80 Explanation of Abbreviations for Degrees and Certificates Offered

B.A.	Bachelor of Arts
B.B.A.	Bachelor of Business Administration
B.F.A.	Bachelor of Fine Arts
B.I.S.	Bachelor of Interdisciplinary Studies
B.Mu.	Bachelor of Music
B.S.	Bachelor of Science
B.S.E.	Bachelor of Science in Education
B.S.W.	Bachelor of Social Work
D.N.P.	Doctor of Nursing Practice
D.P.T.	Doctor of Physical Therapy
EDB	Executive Doctorate in Business
EDD	Doctor of Education
Ed.S.	Specialist in Education
G.Cert.	Graduate Certificate
J.D.	Juris Doctor
M.A.	Master of Arts
M.A.T.	Master of Arts in Teaching
M.A.Ed.	Master of Art Education
M.A.S.	Master of Actuarial Science
M.B.A.	Master of Business Administration
M.Ed.	Master of Education
M.F.A.	Master of Fine Arts
M.G.H.M.	Master of Global Hospitality Management
M.H.A.	Master of Health Administration
M.H.P.	Master of Heritage Preservation
M.I.B.	Master of International Business
M.Mu.	Master of Music
M.P.A.	Master of Public Administration
M.P.Acct.	Master of Professional Accountancy
M.P.H.	Master of Public Health
M.P.P.	Master of Public Policy
M.S.	Master of Science
M.S.H.A.	Master of Science in Health Administration

M.S.I.S.	Master of Science in Information Systems
M.S.I.S.A.C.	Master of Science in Information Systems Audit and Control
M.S.R.E.	Master of Science in Real Estate
M.S.W.	Master of Social Work
M.Tx.	Master of Taxation
Ph.D.	Doctor of Philosophy
U.Cert.	Undergraduate Certificate

1040 Academic Resources

1040.10 Libraries

Georgia State University is served by two libraries: the University Library and the College of Law Library. The University Library occupies two buildings, North and South, bridged by a four-story glass link. The building includes 55 group study rooms, quiet study on the 5th floor and a variety of other comfortable study spaces. Through the library website, students can access millions of resources instantly, including ebooks, databases, journals, periodicals and government documents. The library holds 1.5 million print volumes, and has borrowing agreements with libraries worldwide. Subject-specialist librarians consult with students and faculty, and assistance with basic research is available in person and online. A variety of technology services are provided and supported, including over 400 computers, plus wireless access. Laptops and tablets are among equipment available for checkout. The library's Collaborative University Research and Visualization Environment (CURVE) provides access to high end computing resources, including a 24-foot-wide video wall designed for collaborative visual and data-rich research projects, seven additional collaborative workstations, some with 4K displays, and high-powered PCs and Mac Pros that allow users to work with and manipulate large images and datasets. Each workstation is equipped with a large display that can accommodate up to six people, allowing multiple groups to work together on a research problem. The University Library's Special Collections and Archives preserve and digitize rare and historical materials. For information about the University Library and its hours, visit library.gsu.edu or call 404-413-2820.

The College of Law Library supports the research needs of students, faculty, and members of the legal community. The Law Library provides legal research materials in a variety of formats with a collection of over 150,000 hard-copy volumes as well as a large collection of online databases. For information about the Law Library and its hours, visit lawlibrary.gsu.edu.

1040.20 Information Systems and Technology

Information Systems and Technology (IS&T) provides students with innovative technology services, learning tools and computing support. Services include access to campus wireless, email, online storage and file-sharing, and free software, such as Microsoft Office Suite and anti-virus. Open-access computer labs across campus offer printing stations, device charging stations, equipment checkout, and specialized academic software. Free on-demand technology training is available online from Lynda.com and Skillsoft,

and students are invited to attend complimentary, in-person technology workshops.

For a complete list of available services and instructions for getting started with campus technology, visit: technology.gsu.edu. For technical support, contact the IS&T Help Center at help@gsu.edu, 404-413-HELP (4357), or visit the Walk-Up Help Desk on the concourse level of Aderhold Learning Center.

1040.30 Alpharetta Center

In addition to the downtown campus, Georgia State University provides instruction at the Alpharetta Center. At the Alpharetta Center, the university offers graduate business and education credit classes, as well as non-degree programs for those living or working in the northern metropolitan area. The Alpharetta Center is located at 3705 Brookside Parkway, Alpharetta, Georgia. For Alpharetta Center information, call 404-413-2200.

The Robinson College of Business also offers the Executive MBA program, Professional MBA, Executive Doctorate in Business, Global Partner's MBA, One Year Master of Science Programs as well as non-degree Executive Education at a Buckhead location, Tower Place 200, 3348 Peachtree Road, Suite 400, Atlanta, Georgia. The Peachtree-Dunwoody location is for the PMBA Program and is located at the Palisades Building D, Suite 100, 5959 Peachtree-Dunwoody Road, NE, Atlanta, GA 30328.

1040.40 The Welcome Center

The Welcome Center provides an official reception area and introduction to Georgia State University. Prospective students, visitors, alumni, faculty and staff can stop by for information about the university, its programs and activities.

The Welcome Center offers daily visit opportunities Monday through Friday, with 30-minute information sessions at 10:00 a.m. and 2:00 p.m., and 90-minute campus Atlanta tours at 10:30 a.m. and 2:30 p.m. Both will help familiarize you with our campus and downtown Atlanta.

The bus and walking tour highlights the advantages and excitement of going to school in Downtown Atlanta. The walking tour includes the University Center, Library, Recreation Center and various administrative and academic buildings. Guests will then ride the Panther Express buses to the modern residential halls. Complimentary parking is provided to visitors who register in advance for any of these sessions. For more information or to schedule a tour, please visit the Welcome Center online at welcome.gsu.edu. To schedule a special group tour for 10 to 50 people, please register online at http://welcome.gsu.edu/campus-visits/group-tour-request-form/ or call the Welcome Center at 404-413-2063. It is recommended that large groups have one adult chaperone for every 20 students, and dates are requested at least two weeks in advance of the desired visit.

The Welcome Center is located on the ground floor of Centennial Hall at 100 Auburn Avenue (corner of Courtland Street and Auburn Avenue). You may contact the Welcome Center at 404-413-2063 or by email to tourguide@gsu.edu.

1040.50 Alumni Association

The Georgia State University Alumni Association provides a wide variety of programs and services to keep alumni and students in touch, informed, involved and invested in their Alma Mater. The Alumni Association provides networking opportunities through academic, professional, special interest and regional alumni groups; leadership and volunteer opportunities in student recruitment and community service; the Student Alumni Association, which is a program that links current students to alumni; and social activities for rekindling friendships and fostering new ones.

The Alumni Association invites graduates back to campus during the year for special celebrations and life-long learning and keeps graduates connected to Georgia State and to each other through the *Georgia State University* magazine and an electronic newsletter, *Panther News*.

In addition, the Alumni Association adds to the vitality of the university by annually awarding 25 student scholarships and honoring outstanding alumni and faculty through the Distinguished Faculty Awards and Distinguished Alumni Awards.

The Alumni Association also sponsors several programs for current students including the "Lunch and Learn" series of educational programs and the "Graduating Senior" series of informational seminars.

Anyone who has attended Georgia State is considered an alumnus or alumna. The Alumni Association is governed by a volunteer board of directors, and specific programs are carried out with the assistance of alumni volunteers and the Alumni Association staff. For more information, please call 404-413-2190 or 1-800-GSU-ALUM or visit the website at www.pantheralumni.com. The offices of the Alumni Association are located at 60 Piedmont Avenue.

1040.60 Foundation

The Georgia State University Foundation is the primary destination for all gifts to the university. The foundation is an independent, nonprofit, tax-exempt organization incorporated under Section 501(c) (3) of the Internal Revenue Code. The foundation is classified as a public charity and contributions to the foundation qualify as charitable donations. Management of the foundation is vested in a self-perpetuating Board of Trustees, and the foundation receives an annual independent audit. Through its board and committee structure, the foundation gives alumni and other volunteers personal opportunities to help Georgia State accomplish its mission and goals.

The mission of the foundation is to raise, receive, manage, and disburse private gift funds for the benefit of Georgia State University. The majority of private support for scholarships, academic disciplines, endowments and other programs from individuals and organizations is contributed through the foundation. Several facilities, including 25 Park Place, the University Commons, the Rialto Center for the Arts, the Alpharetta Center, the Lofts and the Student Recreation Center were acquired as a result of the efforts of the foundation.

1050 Policies and Disclosures

1050.10 Equal Opportunity Policy

Georgia State University is an equal opportunity educational institution. Faculty, staff and students are admitted, employed, and treated without regard to race, sex, color, age, religion, national origin, sexual orientation, or disability. Georgia State University complies with Title IX of the Education Amendments of 1972, Titles VI and VII of the Civil Rights Act of 1964, the Civil Rights Act of 1991, Sections 503/504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, the Vietnam Era Veterans Readjustment Assistance Act, as well as other applicable federal, state and local laws. In compliance with these laws and regulations, Georgia State University has established the following specific policies:

Civil Rights and Equal Employment Opportunities — Georgia State provides equal employment and educational opportunities for all individuals without regard to race, sex, age, religion, color, national origin, sexual orientation or disability. All Georgia State University educational and personnel actions will be governed by an affirmative action program developed in compliance with applicable federal and state law and regulations, and the policies of the Board of Regents of the University System of Georgia.

Discriminatory and Sexual Harassment — In an effort to foster a community in which there can be a free and open development and discussion of ideas, Georgia State University is committed to maintaining a working and learning environment free of discriminatory and sexual harassment. Georgia State University has adopted policies and procedures concerning such forms of harassment that may be obtained from the Office of Opportunity Development/Diversity Education Planning, the Ombudsperson, or Dean of Students. In addition to the procedures outlined in these policies and procedures, a person alleging an instance of discriminatory or sexual harassment may file a complaint with the Office of Opportunity Development/Diversity Education Planning, the Ombudsperson, the Dean of Students, the respective college administrative unit and the appropriate state or federal agencies. Students can file complaints of sex discrimination with the Title IX coordinator, Linda J. Nelson, Assistant Vice President for Opportunity Development/Diversity Education Planning, in person at 460 Ten Park Place, by email at afaljn@langate.gsu.edu, by telephone at 404-413-3300 or by fax at 404-413-2560.

Disabilities — Georgia State University provides program accessibility and reasonable accommodations for persons with disabilities. Specifically, the university provides evaluation of individual needs, advisement, and appropriate support for academic programs for identified persons with disabilities. A student with a disability has the responsibility of contacting the Office of Disability Services for an intake interview to assess his or her needs prior to the first semester of enrollment at Georgia State University. Should any problems arise concerning his or her academic program, the student should contact the Office of Disability Services at 230 Student Center (404-413-1560) as soon as possible.

1050.20 Disability Complaint Policy

Disability Accommodation Complaints

Students who disagree with eligibility or accommodation decisions made by the Office of Disability Services (ODS) may appeal the decision. The appeal must be submitted to the Director of ODS in writing within twenty (20) business days of the date of the decision. Further appeals will proceed up the line of report in accordance with the University's established practices. **Employees** who disagree with eligibility or accommodation decisions made by the Office of Disability Services (ODS) may appeal the decision to

the Assistant Vice President for Opportunity Development/Diversity Education Planning in writing within twenty (20) working days of the date of the decision. A copy of the Employee ADA Accommodation Policy and Procedures is located at http://odaa.gsu.edu/policies-procedures/equal-opportunity/equal-opportunity-and-affirmative-action-policy/.

Disability Discrimination Complaints

Georgia State University adheres to the Americans with Disabilities Act (ADA) of 1990 that was enacted to protect individuals with disabilities against discrimination. A **student or employee** of the University who believes they have been discriminated against on the basis of their disability may file a complaint with the Office of Opportunity Development. Complaints must be in writing and a discrimination complaint form is located at https://gsu-gme-advocate.symplicity.com/public_report. For more information, contact the Office of Opportunity Development, P.O. Box 3983, Atlanta, GA 30302-3983. Phone: 404-413-2567 Fax: 404-413-3295

1050.30 Disruptive Behavior Policy

The University has a policy that addresses student behavior in the learning environment that disrupts the educational process. In accordance with this policy, the University seeks resolution of disruptive conduct informally when possible. However, student conduct that disrupts the learning environment may result in sanctions up to and including withdrawal of the student from class. Students withdrawn from a course for disruptive behavior receive a grade of "W" or "WF". The full text of the Disruptive Student Conduct Policy is available in the Office of the Dean of Students and at http://codeofconduct.gsu.edu/.

1050.40 University Code of Conduct

The University has established the policies and procedures that comprise the Student Code of Conduct to both promote the university mission and protect the rights of students, faculty and staff. The official University rules and regulations are contained in the Georgia State University General Catalog and the student handbook, *On Campus*. The most current version of the Student Code of Conduct may be found online at http://codeofconduct.gsu.edu/ each semester. In the event of a conflict between the Student Code of Conduct and other University policies, the most current version of the Code governs.

1050.50 Federal and State Law Disclosure Requirements

Federal and state laws require all colleges and universities receiving federal funds to establish certain programs, policies and procedures and to distribute an annual report describing the information and providing statistics regarding: graduation rates; drug, alcohol and weapon violations; and certain crimes on campus, which include murder, robbery, aggravated assault, burglary, motor vehicle theft and sex offenses. The Georgia State University annual report and information regarding these programs, policies, procedures and statistics are available upon a written request directed to the Georgia State University Office of Public Information, 530 One Park Place South, Atlanta, Georgia 30303.

1050.60 Integrity in Research, Scholarly and Creative Activities

Georgia State University maintains high ethical standards in research and requires all faculty, staff and students engaged in research to comply with those standards. Cases of misconduct in research present a serious threat to continued public confidence in the integrity of the research process and the stewardship of federal funds. Misconduct includes fabrication or falsification of data, research procedures, or data analysis; destruction of data for fraudulent purposes; plagiarism; abuse of confidentiality; omission in publication of conflicting or non-conforming observations; theft of research methods or data; false attribution of authorization or creation of the creative works of another; and other practices that seriously deviate from those that are commonly accepted within the scholarly community for proposing, conducting or reporting research or creative works. Georgia State University will pursue allegations of misconduct to timely resolve all instances of alleged or apparent misconduct. To obtain a copy of the Research and Scholarly Misconduct Policy, the General Principles for Scholarly Integrity, and the Responsible Conduct of Research at Georgia State University publication, contact University Research Services and Administration, 217 Dahlberg Hall, 404-413-3500.

1050.70 Intellectual Property

In complying with the policies of the Board of Regents, Georgia State University has adopted an Intellectual Property Policy concerning the ownership and subsequent rights to intellectual property created by faculty, staff and students. The Intellectual Property Policy pertains to any patentable inventions, biological materials, copyrightable materials, software and trade secrets regardless of whether formal protection is sought. It is the responsibility of individual creators to disclose intellectual property to the University in a timely manner in accordance with the policy. To obtain a copy of the Intellectual Property Policy, contact University Research Services and Administration, 217 Dahlberg Hall, 404-413-3500.

1050.80 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

I. PURPOSE AND APPLICABILITY

Georgia State University seeks to maintain the highest standards of integrity and fairness in its relationships with students. The Undergraduate Catalog and the Graduate Catalog (both found at enrollment.gsu.edu/catalogs), and the Student Code of Conduct set forth policies and requirements for Georgia State students. Students are expected to know and comply with these policies. Students may, however, seek relief or resolution when they believe that:

A. The application of these policies and procedures will create undue hardship for them or will not recognize their extraordinary or extenuating circumstances; or
B. Specific actions, practices, or decisions on academic or non-academic matters have been made or carried out in an arbitrary, discriminatory, or inequitable manner.

The procedures set forth below cover complaints, petitions, and appeals related to University-wide and college-based policies. Individual colleges or departments may have additional or more specific procedures that may also apply to complaints, petitions, and appeals. Students are referred to the office of the dean of the particular college for information about additional or more specific procedures that apply. In case of conflict among policies, this University policy takes precedence over College and Departmental policies.

The following policies include their own complaint, petition and waiver procedures. This policy may not be used in lieu of these policies:

1. Any policy for anyone other than a student to make a complaint, file a grievance, or request a waiver, such as policies that govern faculty and staff.
2. All policies in the student code of conduct
3. Hardship withdrawal policy
4. Discriminatory and sexual harassment policies
5. Disability policies
6. College of Law Honor Code
7. Student parking policy

The procedures set forth below are applicable to undergraduate and graduate students of the University.

All appeals under these procedures will be made based only on the written record. A student's appeal under these procedures will be granted only if the student can prove by preponderance of evidence that a decision was arbitrary, discriminatory, or inequitable.

II. STUDENT COMPLAINTS ON ACADEMIC MATTERS

A. College-Level Academic Complaints
   1. Final Course Grade Appeals
      - Students are encouraged to discuss concerns and disputes over final course grades with the instructor prior to filing a formal grade appeal, in an effort to gain understanding about the basis of his/her grade. Instructors are encouraged to be available to students for such discussion regarding grades so that grade disputes, to the extent possible, are resolved informally. The Office of the Ombudsperson can provide assistance to students, instructors and administrators with resolving disputes informally through voluntary facilitated discussions, in an effort to bring resolution to the matter prior to the initiation of a formal complaint.
      - In situations where such informal resolution does not occur or is not successful, the student may appeal the final course grade to the Department Chair. The appeal must be in writing and describe the precise reason for the appeal. Any pertinent information must be submitted with the appeal in order to be considered in this or subsequent appeals. The appeal must be submitted within 10 business days of the beginning of the academic term (fall, spring, and summer) that follows the term in which the final grade was submitted by the instructor. For example, if a student took an incomplete in a fall term course and completed the course works in the following spring semester, then an appeal of that grade must be submitted within 10 business days of the beginning of the summer term. The Department Chair will provide a decision in writing to the student, normally within 10 business days of the receipt of the complaint in the Department.
      - The student may appeal the decision of the Department Chair, as described in section 2-c through 2-e below.
   2. Other College-Level Academic Complaints
      - Judgments on the suitability of academic decisions made within a college are most appropriately made by individuals with expertise in the particular academic discipline

involved. For this reason, resolution of student complaints about college level academic decisions, actions, or practices is the responsibility of the department and college involved. Normally, such complaints can be resolved quickly and informally through discussion with the faculty member directly involved. The Office of the Ombudsperson can provide assistance to students, instructors and administrators with resolving disputes informally through voluntary facilitated discussions, in an effort to bring resolution to the matter prior to the initiation of a formal complaint.

- In situations where such informal resolution does not occur or is not successful, the student may submit a formal complaint to the Chair of the appropriate academic department. The student's complaint must be submitted in writing and be accompanied by pertinent documentation describing (a) the specific action, practice, or decision that is problematic; (b) the impact of that decision; (c) what resolution is being sought; (d) and why it should be granted. To promote prompt resolution, complaints must include current contact information and be submitted at the earliest possible time. Consideration will not be given to any complaint submitted later than the end of the term immediately following the term in which the matter in question arose. The Department Chair will provide a decision in writing to the student, normally within 10 business days of the receipt of the complaint in the Department.
- The student may appeal the Department Chair's decision within 10 business days of being notified of the Chair's decision. Such appeal will be made, in writing, to the Dean of the College in which the Department is located. At the discretion of the Dean, an advisory panel may be appointed to review the written documentation and make a recommendation to the Dean. The Dean will issue a decision to the student in writing, normally within 10 business days of the receipt of the appeal.
- The student may appeal the Dean's decision to the Provost, in writing, within 10 business days of being notified of the Dean's decision. The Provost will issue a decision to the student, in writing within 20 business days of receiving the appeal.
- The student may appeal the Provost's decision to the President, in writing, within 10 business days of being notified of the Provost's decision. The President will issue a decision to the student in writing within 20 business days of receiving the appeal.
- The student may appeal the President's decision to the Board of Regents, in writing, within 20 business days of being notified of the President's decision. Decisions regarding grades may not be appealed to the Board of Regents (BOR Policy 407.01).

B. University-Level Academic Complaints

1. Judgments on the suitability of academic decisions made at the University level are most appropriately made by individuals with expertise in the particular area. Normally, such complaints can be resolved quickly through discussion with the Academic Administrator directly involved. (See the University Organizational Chart at http://www.gsu.edu/about/governance-and-strategy/administrative/.) Students can contact the Office of the Ombudsperson for assistance in preparing for discussion with academic administrators. The Office of the Ombudsperson can also provide assistance to students and academic administrators with resolving disputes informally through voluntary, facilitated discussions, in an effort to bring resolution to the matter prior to the initiation of a formal complaint.
2. In situations where such informal resolution does not occur or is not successful, the student may submit a formal complaint to the Associate Provost for Academic Programs. The student's complaint must be submitted in writing, and be accompanied by pertinent

documentation describing (a) the specific action, practice, or decision that is problematic; (b) the impact of that decision; (c) what resolution is being sought; and (d) why it should be granted. To promote prompt resolution, complaints must include current contact information and be submitted as early as possible, but no later than the end of the term immediately following the term in which the matter arose. The Vice Provost for Academic Programs will normally issue a decision to the student in writing, within 10 business days of receiving the complaint.

3. The student may appeal the Vice Provost's decision to the Provost within 10 business days of being notified of the decision. The Provost will respond in writing to the appeal within 20 business days of receiving the appeal.
4. The student may appeal the Provost's decision to the President in writing within 10 business days of being notified of the Provost's decision. The President will respond in writing to the appeal within 20 business days of receiving the appeal.
5. The student may appeal the President's decision to the Board of Regents in writing within 20 business days of being notified of the President's decision. Decisions regarding residency and the Guaranteed Tuition Plan may not be appealed to the Board of Regents (BOR Policy 407.01).

III. NON-ACADEMIC COMPLAINTS

1. Judgments on the suitability of non-academic decisions are most appropriately made by individuals with expertise in the particular area. Normally, such complaints can be resolved quickly through discussion with the Administrator in charge of the department making the decision. (See the University Organizational Chart at http://www.gsu.edu/about/governance-and-strategy/administrative/.) Students can contact the Office of the Ombudsperson for assistance in preparing for discussion with non-academic administrators. The Office of the Ombudsperson can also provide assistance to students and non-academic administrators with resolving disputes informally through voluntary, facilitated discussions, in an effort to bring resolution to the matter prior to the initiation of a formal complaint.
2. In situations where such informal resolution does not occur or is not successful, the student may submit a formal complaint to the Vice President or Vice Provost who oversees the area. The student's complaint must be submitted in writing, and be accompanied by pertinent documentation describing (a) the specific action, practice, or decision that is problematic; (b) the impact of that decision; (c) what resolution is being sought; and (d) why it should be granted. To promote prompt resolution, complaints must include current contact information and be submitted as early as possible, but no later than the end of the term immediately following the term in which the matter arose. The Vice President or Vice Provost will provide a decision to the student in writing, normally within 10 business days of the receipt of the complaint.
3. The student may appeal the Vice President's or Vice Provost's decision to the Provost in writing within 10 business days of being notified of the decision. The Provost will respond in writing to the appeal within 20 business days of receiving the appeal.
4. The student may appeal the Provost's decision to the President in writing within 10 business days of being notified of the Provost's decision. The President will respond in writing to the appeal within 20 business days of receiving the appeal.
5. The student may appeal the President's decision to the Board of Regents in writing within 20 business days of being notified of the President's decision. Decisions regarding traffic citations may not be appealed to the Board of Regents (BOR Policy 407.01).

IV. STUDENT PETITIONS FOR ACADEMIC POLICY WAIVER or VARIANCE

A. College-Level Policy Waiver or Variance Petitions
   1. Students may petition for a waiver or variance of a department-level or college-level policy. The appropriate College Office of Academic Assistance can provide the student with college policies and petition procedures.
   2. The student must submit a petition, in writing, to the Office of Academic Assistance of the College which has made the policy in question. The petition must include the following: (a) the policy from which the student is seeking a waiver or variance, (b) the deviation being sought; and (c) the reason(s) why the exception should be granted. The Office of Academic Assistance representative will determine whether the petition needs to be addressed at the departmental or college level, and will forward the petition to the appropriate administrator who will notify the student of his or her decision.
   3. The student may appeal the decision, in writing, following the procedures stated in Section II.A.2.c through f above, the College-Level Academic Complaint Policy and Procedures. If the original decision was rendered by a Department Chair, the appeal should be initiated at the level of the Dean; if the original decision was rendered by the Dean (or his or her designate), the appeal should be initiated at the level of the Provost.

B. University-Level Policy Waiver or Variance Petitions
   1. Students may request a waiver or variance of a policy established by the University or the Board of Regents (BOR).
   2. All requests for waivers or variances from university and BOR level policies will be made based only on the written record.
   3. All petitions must include the following:
      - The section number from the Catalog (or otherofficial University document) of the policy or requirement from which the student is requesting a waiver
      - the deviation being sought;
      - the reason(s) why the exception should be granted
      - a current copy of the student's academic evaluation record
      - a current copy of the student's Georgia State University transcript (unless the petitioner is not yet a Georgia State student)
      - transcripts from all other colleges the student has attended (if the petitioner has attended other colleges).
   4. Financial Aid Appeals (Appeals of Rules Currently in Section 1200 of the Catalog)
      - Appeals of financial aid rules will be made in the first instance by the Director of Financial Aid.
      - If the petition is denied, the student may appeal to the Financial Aid Appeals Committee, a committee appointed by the Vice Provost for Academic Programs. The student must appeal in writing and within 10 business days of being notified of the decision of the Director of Financial Aid.
   5. Add, Drop and Withdraw Appeals (Appeals of Rules Currently in Section 1332 of the Catalog)
      - Appeals of the add, drop and withdrawal rules will be made in the first instance by the University Registrar.
      - If the petition is denied, the student may appeal to the Registration Appeals Committee, a subcommittee of the Senate Committee on Admissions and Standards. The student must appeal in writing and within 10 business days of being notified of

the decision of the University Registrar.

- The Registrar will copy the Chair of the Registration Appeals Committee on all letters to students notifying them of results of their petitions. Every semester, the University Registrar will distribute to the Senate Committee on Admissions and Standards a report that indicates (at a minimum) the number of petitions filed, the number granted, and the number denied. Any member of Admissions and Standards may review the documents of any petition when there is a legitimate educational interest.
- This motion policy does not change the Emergency Withdrawal policy.

6. Course Load, Scholastic Discipline, Course Substitution in the Core, and Regents Test Appeals (Appeals of Rules Currently in Sections 1330.30, 1360, 1410, and 1420 of the Catalog)
    - Appeals of rules regarding course load, scholastic discipline, course substitution in the core, and Regents Test will be made in the first instance by the Director of the University Advisement Center. However, appeals for waivers of Section 1330.30 (Course Load) will be considered by the student's college if the student has declared a college and will follow the procedure outlined in Section IV.A above.
    - If the petition is denied by the Director of the University Advisement Center, the student may appeal to the Academic Regulations Appeals Committee, a subcommittee of the Senate Committee on Admissions and Standards. The student must appeal in writing and within 10 business days of being notified of the decision of the Director of the University Advisement Center.
    - The Director of the University Advisement Center will copy the Chair of the Academic Regulations Appeals Committee on all letters to students notifying them of results of their 2 petitions. Every semester, the Director of the University Advisement Center will distribute to the Senate Committee on Admissions and Standards a report that indicates (at a minimum) the number of petitions filed, the number granted, and the number denied. Any member of Admissions and Standards may review the documents of any petition when there is a legitimate educational interest.
7. Academic Regulation and Graduation Requirement Appeals (Appeals of Rules currently in other parts of Sections 1300 and 1400 of the Catalog)
    - Appeals of other university-level academic rules and graduation requirements will be made in the first instance by the Assistant Vice President of Student Retention.
    - If the petition is denied, the student may appeal to the Academic Regulations Appeals Committee, a subcommittee of the Senate Committee on Admissions and Standards. The student must appeal in writing and within 10 business days of being notified of the decision of the Assistant Vice President of Student Retention.
    - The Assistant Vice President of Student Retention will copy the Chair of the Academic Regulations Appeals Committee on all letters to students notifying them of results of their petitions. Every semester, the Assistant Vice President of Student Retention will distribute to the Senate Committee on Admissions and Standards a report that indicates (at a minimum) the number of petitions filed, the number granted, and the number denied. Any member of Admissions and Standards may review the documents of any petition when there is a legitimate educational interest.
8. Subsequent Appeals
    - The student may appeal the decisions of the Admissions Appeal Committee, Financial Aid Appeals Committee, the Registration Appeals Committee, and the Academic Regulations Appeals Committee to the Vice Provost for Academic

Programs in writing within 10 business days of being notified of the decision. The Associate Provost will respond in writing to the appeal within 20 business days of receiving the appeal.

- The student may appeal the Vice Provost's decision to the Provost in writing within 10 business days of being notified of the decision. The Provost will respond in writing to the appeal within 20 business days of receiving the appeal.
- The student may appeal the Provost's decision to the President in writing within 10 business days of being notified of the Provost's decision. The President will respond in writing to the appeal within 20 business days of receiving the appeal.
- The student may appeal the President's decision to the Board of Regents in writing within 20 business days of being notified of the President's decision.

V. DEADLINES

A. The University strives to resolve complaints and petitions by the deadlines established in this Policy. However, each situation is unique and may prevent the meeting of a deadline. Every effort will be made by the parties involved to minimize the delay and proceed through the processes outlined in this Procedure as close to the deadlines as possible.
B. All deadlines established in this Policy are stated in terms of business days. If a deadline falls on a weekend or scheduled holiday, the deadline will be the next scheduled workday of Georgia State University.
C. Students lose their right to continue to the next step of the procedures if they miss a stated or agreed-upon deadline.

VI. MEDIATION

Students who have filed formal complaints or petitions or those who have had formal complaints filed against them under Sections II A or B of this Policy (except for grade appeals) may request that the matter be submitted to mediation in an effort to achieve resolution. Mediation is a voluntary, confidential process whereby a neutral person facilitates discussion between the parties in a mutual attempt to reach resolution on the issues raised by the parties.

In the event mediation is agreed upon by both parties, the timelines under this policy shall be suspended until which time the mediation is completed. In the event that mediation results in agreement, the student's complaint will be considered resolved. In the event that mediation does not result in resolution of the matter, the student may appeal to the next level of review under this policy.

Information derived from mediation discussion may not be used as the basis for higher levels of appeal, nor can the mediator be asked to provide information or make any decision at any level of the formal appeals process. Persons interested in mediation should contact the Office of the Ombudsperson.

GLOSSARY

POLICIES, PROCEDURES AND PRACTICES

Policy: A written statement (rule or principle) used to govern the actions of Georgia State University's employees, faculty, students, visitors, and others who come in contact with Georgia State University. For

the purposes of this document, academic policies are those pertaining to scholarly programs (e.g., program degree requirements), or the students' progress through those programs (e.g., program prerequisites, financial aid, registration). Non-academic policies are those pertaining to functions that only indirectly support the students' academic endeavors (such as housing, recreation, or parking).

University-Level Student Policies: Policies established under the authority of the university and applied to all students in all colleges. These policies are implemented and enforced by central academic or administrative offices (for example, the Registrar's Office, the Student Financial Aid Office, or the University Library).

College-Level Student Policies: Policies established under the authority of a college and applied to all students enrolled in courses or programs offered by that college: Andrew Young School of Policy Studies; College of Arts and Sciences; College of Education; Lewis School of Nursing; School of Health Professions; School of Public Health; Robinson College of Business.

Procedure: A guideline that explains how policies are to be carried out or implemented; may or may not be in writing.

Practice: A commonly accepted way or pattern of doing things; typically not in writing.

ARBITRARY, DISCRIMINATORY, INEQUITABLE

Arbitrary: In an unreasonable or capricious manner, in disregard of facts, or without determining principle.

Discriminatory: In a manner that is unfair or denies privileges to persons because of their race, sex, color, age, religion, national origin, sexual orientation, or disability.

Inequitable: In a manner that fails to treat similarly situated persons the same way.

COMPLAINTS, PETITIONS and APPEALS

Complaint: An objection to a decision, action or practice with a request that it be changed or reversed; a claim seeking remedy, relief, or resolution. Complaints may be against a decision or action that was based on either University-level or College-level policy.

Petition for Waiver or Variance: A request for a suspension (waiver) or modification (variance) of a particular policy which, if applied normally, would cause undue hardship for the individual.

Waiver: An agreement that suspends a particular policy for an individual in a specific situation due to the special circumstances of that individual. (When a waiver (or suspension) of a policy is granted, the individual does not have to comply with some or all of the particular requirements set within that policy).

Variance: An agreement that modifies a particular policy for an individual in a specific situation due to the special circumstances of that individual. (When a variance (modification) of a policy is granted, the individual must comply only with the modified requirements.)

Appeal: A request that a decision on a complaint or petition be reconsidered at a higher level in the University.

PEOPLE

Academic Administrator: The head of a centralized university office or department that has responsibility for academic-related student processes (such as the Registrar's Office, the Office of Admissions, the Student Financial Aid Office, the Office of Student Accounts, the Student Advisement Center); typically reports through an Associate Provost.

Administrator in Charge: The head of a University office with responsibility for non-academic student processes (such as the Housing Office, the Office of Parking and Transportation, the Bookstore); typically reports through a Vice President.

1050.90 Criminal & Disciplinary History: Continuing Duty to Report

Disclosure of criminal/disciplinary history is required on the Georgia State University admission application. Georgia State students have a continuing duty to report criminal/disciplinary events that occur after submission of their admission application. The criminal/disciplinary events that must be reported under this continuing duty are described below and reports must be made to the Office of the Dean of Students within 72 hours of student's notice of the event. Failure to comply with this requirement may result in sanctions up to and including immediate withdrawal from the University.

- Conviction of a crime other than a minor traffic violation
- Criminal charges filed against the student
- Entering a plea of guilty, a plea of no contest, a plea of nolo contendere, an Alford plea, or a plea under any first offender act in response to charges filed against the student
- Disciplinary or academic misconduct charges initiated or sanctions imposed against the student from a high school, trade school or other college or university.

1055 Family Educational Rights and Privacy Act (FERPA)

I. Introduction

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA rights are provided only to University applicants upon actual acceptance to and subsequent enrollment for classes at the University. Under FERPA, students attending an institution of postsecondary education may:

A. Consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that such disclosures are authorized without consent as more fully described below in Paragraph IX (A);
B. Choose to suppress (i.e., keep from being disclosed) their directory information per the process identified below in Paragraph IX (B);

C. Inspect and review their education records;
D. Seek amendment of those education records believed to be inaccurate, misleading or otherwise in violation of their privacy rights; and
E. File complaints with the Department of Education about alleged failures by the University to comply with the requirements of FERPA.

II. Definitions

A. Student: : any person who attends or has attended the University. For purposes of FERPA, Georgia State University considers an admitted student to be "in attendance" upon enrollment/registration for classes. Note: The definition of "student" set forth above is only for use in connection with this guidance. For the official University definition of "student", please refer to the Georgia State University Student Code of Conduct.
B. Education Records: any records (in handwriting, print, tapes, film, computer or other medium) maintained by the University or an agent of the University which are directly related to a student except:
    1. A personal record kept by a faculty or staff member if it is kept in the sole possession of the maker of the record, is not accessible or revealed to any other person except a temporary substitute for the maker of the record and is not used for purposes other than a memory or reference tool.
    2. Records created and maintained by the Georgia State University Police Department for law enforcement purposes.
    3. An employment record of an individual whose employment is not contingent on the fact that he or she is a student.
    4. Records made or maintained by a physician, psychiatrist, psychologist or other recognized professional or paraprofessional if the records are used only for treatment of a student and made available only to those persons providing the treatment.
    5. Alumni records which contain information about a student after he or she is no longer in attendance at the University and which do not relate to the person as a student.
C. Directory Information: information contained in an education record of a student
D. that would not generally be considered harmful or an invasion of privacy if disclosed. Georgia State University has designated the following types of information to be directory information: student name, mailing addresses, telephone number, date and place of birth, major field of study, full or part-time status, participation in officially recognized activities and sports, degrees and awards applied for and/or received, dates of attendance, previous educational institutions attended by the student, photographs and other recorded images, and, with respect to members of athletic teams, height, weight, age, hometown, hobbies, and general items of interest.

III. Federal Student Records Law

Annually, Georgia State University informs students of the protections afforded by the Family Educational Rights and Privacy Act (FERPA) of 1974. (20 U.S.C. 1232g and 34 C.F.R., 99.1-99.67) This Act, with which the institution endeavors to fully comply, was designed to protect the privacy of educational records, and to establish the right of students to inspect and review their non-privileged educational records. The act also provides guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students have the right to file complaints with the U.S. Department of Education Family Policy Compliance Office concerning alleged failures by the University to comply with the Act. An informal

complaint may be filed within the University by contacting the Registrar. This guidance explains in detail the procedures to be used by the University for compliance with the provisions of the Act. Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar or the Office of Legal Affairs.

IV. University-Maintained Student Records

The student records maintained by the University are classified as follows:

A. Official academic records are maintained in the Office of the Registrar. They include admission applications and associated documentation; the registration records for each semester in residence; the records of grades and credits received in courses at this University or accepted here from another institution; and other documents directly relating to academic progress and status. The dean of each college is the custodian of records for all college and departmental records regarding students not of the type maintained by the Registrar's Office.
B. Disciplinary records are maintained by the Office of the Dean of Students. They include information about the investigation, adjudication and imposition of sanctions by the University against an individual student for breach of the University's Code of Conduct or other written policies.
C. Financial records: Fee payment records are maintained by the Office of Student Accounts. Financial aid application records, including tax forms, are maintained by the Financial Aid Office.
D. Employment records of students receiving financial aid consist of work-study authorizations and are maintained by the Financial Aid Office. Non-work study employment records of students are maintained by the Office of Human Resources. Graduate student teaching and research appointment records are maintained by the involved College or department. Some employment records of students with graduate teaching and research appointments may also be maintained by the Office of Human Resources.
E. Medical, psychological and counseling records are maintained by the University department providing the involved health care (i.e., Health Clinic, University Counseling & Testing Center). They include records of examinations and treatments.
F. Career and job search records are maintained by University Career Services.
G. Housing records are maintained by University Housing. They include housing applications/agreements and related information.
H. PantherCard and parking records are maintained by Auxiliary and Support Services.

Student educational records maintained on Banner are covered by this guidance and should only be accessed by University employees with a legitimate educational interest or whose access is otherwise undertaken to comply with FERPA. Unauthorized access is a violation of federal law and University policy.

No record shall be kept of the political views of students or of student membership in any organization except for academic, honorary, professional and social organizations directly related to University life. Records maintained by student organizations are not considered University records. Student organizations are, however, expected to take reasonable steps to protect student information they maintain from unwarranted invasions of privacy and to permit students to access their records.

V. Student Access to Records

Access to a student's official academic record, disciplinary record and financial aid record is guaranteed to him or her subject only to reasonable regulation as to time, place and supervision with the exceptions of those types of documents identified below:

- Any and all documents written or solicited prior to Jan. 1, 1975, on the presumption that they were intended to remain confidential and privileged.
- Any and all documents to which access has been waived by the student.
- Any and all records which are excluded from the FERPA definition of educational records.
- Any and all financial data and income tax forms submitted in confidence by a student's parent(s) in connection with an application for or receipt of financial aid.
- Any and all records connected with an application to attend Georgia State University or a component unit of Georgia State University if that application was denied or, in the alternative, if the application was accepted but the applicant never enrolled (FERPA rights extend only to applicants upon actual acceptance and subsequent enrollment).
- Those records which contain information on more than one student to the extent that a requesting student has the right to view only those portions of the record which pertain to his or her own educational records.
- Confidential recommendations and evaluations (Placement records maintained by the University Career Services may be inspected by the subject of the file with the exception of recommendations or evaluations to which the student has waived his or her access. Confidential recommendations and evaluations are only included in a student's placement file if the student has voluntarily submitted a written waiver of access to the recommendations and evaluations. If a student has not waived access, then recommendations and evaluations submitted on condition of confidentiality are returned to the sender).

A. Inspection of records is granted only upon written request, presented in person with appropriate identification, and must be made in the presence of designated personnel of the office maintaining the records. All requests shall be granted as soon as practicable, but in no event later than 45 days after the date of request. No documents or files may be altered or removed once a request has been filed. When an original record is shown to the student, examination will be permitted only in the presence of a University employee and any other conditions deemed necessary to prevent the alteration, mutilation, or loss of such original records. Upon reasonable request by the student, verbal explanations and interpretations of education records will be promptly provided except where a verbal response is not practical or appropriate. Requests for written explanations/interpretations of education records must be made in writing. If an education record is not in a form readily reviewable by the student (e.g., records stored in microfilm or electronically), a true and correct copy of the record will be provided for the student's inspection.
B. Copies of Records
    1. Copies to students will be provided to students in good standing upon written request and payment of fees for copies (see the Request for Access to Student Record Form in the Academic Records area of the Registrar's site), with the exception of transcripts received from other educational institutions and any documents the student has waived his or her right to see. Copies of education records may be withheld by the University when the student is not in good standing as a result of such conditions as unmet financial obligations and violations of institutional regulations. Such records to be withheld may include, but are not limited to, grade reports, transcripts, and certifications of student achievement and performance. A transcript of a student's official academic record contains information about

his or her academic attainment and status exclusively. Only the Registrar is authorized to issue transcripts or to certify in any way the official academic record of a student. An official transcript is issued only when requested by the student in writing.

2. Copies to third parties will be provided upon receipt of the student's written and signed consent for disclosure of the records. Such a written consent must:
    1. identify the records to be disclosed,
    2. identify the person or class of persons to whom the disclosure may be made,
    3. specify the time period during which consent is applicable, and*
    4. be signed and dated.

* A *Consent to Release Information to Third Parties* form is available online in the Academic Records area of the Registrar's website.

VI. Requests for Amendment and Challenge Hearings

If, upon inspection and review of his or her record, a student believes that the record is inaccurate, misleading or otherwise in violation of his or her privacy rights, he or she may request that the record be corrected. A request for correction must be submitted in writing and must specify the information being questioned, the revision requested, and the reasons the student has for disagreeing with the entry in question. Any supporting documentation should be attached to the request. Where possible, disagreements should be resolved informally. This provision does not apply to grade appeals, and students wishing to appeal the assignment of a grade should refer to the Policy and Procedures for Student Complaints, Petitions for Policy Waivers and Variances, and Appeals.

Only the Registrar, upon consultation with the respective dean, may authorize a correction in a record within the academic file of a student. Similar authority is held by the Vice President for Student Affairs, the Director of Admissions, the Director of Financial Aid, the respective College Dean and the Director of Personnel for the records which are maintained under the authority of these various University officials.

The University representative to whom a request for correction of a non-academic file is properly addressed will notify the student of his or her decision within 21 days after receipt of the written request. If the University decides that the information in a student's education record is inaccurate, misleading or in violation of the student's right of privacy, it will amend the record and notify the student, in writing, that the record has been amended. If the University decides that the challenged information is not inaccurate, misleading or in violation of the student's right of privacy, it will notify the student of the right to place in the record a statement commenting on the challenged information and a statement setting forth reasons for disagreeing with the decision. Such a statement shall become a part of the information contained in the education record and will be disclosed with it.

Should the University decide the challenged information is not inaccurate, misleading or in violation of the student's right of privacy, then the student will also be advised of the right to appeal the University's decision and challenge the information believed to be inaccurate, misleading or in violation of the student's privacy rights. The appeal may extend only to the material in the respective University file. While it may extend to the correct recording of a grade, it may not include a challenge to the assignment by the instructor of the grade. The student has 20 days to appeal the decision in writing to the Provost and ask for a hearing. On behalf of the President of the University, the Provost shall refer the appeal to an existing committee or designate a hearing committee comprised of University officials who do not have a direct

interest in the outcome of the hearing. Georgia State University will notify the student, reasonably in advance, of the date, place and time of the hearing. The student shall be afforded a full and fair opportunity to present evidence relevant to the issues raised in the original request to amend the student's education records. The student may bring one individual to act as an advisor but the individual may not address the committee. The committee will prepare a written recommendation based solely on the evidence presented at the hearing and submit it to the Provost who will make a determination on the matter. The recommendation will include a brief summary of the evidence presented and the reasons for the decision. The decision of the Provost may be appealed in writing to the President within 20 days of the date of the decision. The appeal to the President shall be made on the record.

VII. University Career Services

The file of a student maintained in the University Career Services is assembled at the initiative of the student. The extent of disclosure to prospective employers, graduate schools, organizations awarding fellowships and the like shall be made clear to the student when he or she requests that the file be assembled and shall be agreed to by him or her on a form specifically provided for that purpose.

The student may make a specific waiver of access to evaluations solicited and/or received under condition of confidentiality, but the waiver must be made by the student without pressure or coercion. Any evaluation received under such condition of confidentiality without the student's waiver of access or without the student's knowledge shall not be incorporated in the file but shall be returned to the sender.

VIII. Addition to Records

No entry may be made on a student's official records and no document or entry may be placed in such records without written notice to the student by the administrative officials responsible for the specific category of information, as identified in Paragraph IV. For purposes of this guidance, notification of grades, written communication to a student of school or departmental evaluation and announcement of honors shall constitute adequate notice. A document or entry supplied by or at the request of the student may be placed in the student's record without additional notice to him or her. In the case of student records maintained in deans' offices and departmental offices, additions other than those mentioned in the preceding paragraph require the permission of the Registrar, who in turn is responsible for notification of the student.

IX. Release of Student Information

A. Georgia State University will disclose information from a student's education records only with the written consent of the student, except that the records may be disclosed without consent when the disclosure is:
    1. To school officials who have a legitimate educational interest in the records.
        - A school official is:
        - A person employed by the University (which, for purposes of this guidance includes persons employed by the Board of Regents of the University System of Georgia) in an administrative, supervisory, academic or research, or support staff position, including health or medical staff.
        - A person or entity employed by or under contract to the University to perform a special task, such as a University affiliated organization, attorney, auditor, or outside

vendor.
- A person who is employed by the Georgia State University law enforcement unit.
- A student serving on an official committee, such as a disciplinary or grievance committee, or who is assisting another school official in performing his or her tasks.
- A school official has a legitimate educational interest if the official is:
- Performing a task that is specified in his or her position description or contract agreement.
- Performing a task on behalf of the University/Board of Regents in connection with his or her job responsibilities.
- Performing a task related to a student's education.
- Performing a task related to the discipline of a student.
- Providing a service or benefit relating to the student or student's family, such as health care, counseling, job placement or financial aid.
- Maintaining the safety and security of the campus.

  The determination as to whether or not a legitimate educational interest exists will be made by the custodian of the records on a case-by-case basis. When the custodian has any question regarding the request, the custodian should withhold disclosure unless the custodian obtains consent from the student, or the concurrence of a supervisor or other appropriate official that the record may be released.

2. Upon request of officials of another school at which a student seeks or intends to enroll, the University will attempt to notify the student of the disclosure unless the student initiated the disclosure.
3. Information the University has designated as "directory information," unless the student has made a written request to suppress (i.e., to refuse to allow disclosure of) their directory information as more fully described below in Paragraph IX (B).
4. To school officials or lending institutions, in connection with financial aid for which the student has applied or which the student has received, if the information is necessary for such purposes as to:
   - Determine eligibility for the aid;
   - Determine the amount of the aid;
   - Determine the conditions for the aid; or
   - Enforce the terms and conditions of the aid.
5. To parents of a dependent student, as defined in Section 152 of the Internal Revenue Code of 1954. The parents must provide a copy of their most recent federal income tax return establishing the student's dependency. Full rights under the act shall be given to either parent, unless the institution has been provided with evidence that there is a court order, state statute or legally binding document relating to such matters as divorce, separation or custody that specifically revokes those rights. Georgia State University does not have an obligation to disclose any financial information about one parent to another. If a parent claims a student as a dependent and does not want his or her financial information disclosed to his or her spouse or former spouse, the parent may make that request to the institution.
6. In connection with an emergency, to appropriate persons if the knowledge of such information is believed necessary to protect the health or safety of the student or others.
7. To comply with a judicial order or lawfully issued subpoena, provided the University makes a reasonable effort to notify the student of the order or subpoena in advance of compliance. Notification may be prohibited if the University receives a federal grand jury subpoena or any other subpoena which states that the student should not be notified. The University will

comply with such process only upon the advice of counsel. All subpoenas received by the University should be immediately forwarded in person or by facsimile (404-413-0518) to the Office of Legal Affairs to evaluate the validity of the subpoena. In the case of a subpoena which can be disclosed to a student, the Office of Legal Affairs will inform the student of the subpoena and give the student an opportunity to file an objection to the subpoena before responding on behalf of the University.

8. To an alleged victim of any crime of violence, as that term is defined in Section 16 of Title 18, United States Code, or a non-forcible sex offense, the final results of any disciplinary proceeding conducted by the University against the alleged perpetrator of that crime or offense with respect to that crime or offense. For the purpose of disclosure under this paragraph, the final results of any disciplinary proceeding shall include only the name of the student, the violation committed and any sanction imposed by the institution on that student and may include the name of any other student, such as a victim or witness, only with the written consent of that other student. The Office of Legal Affairs shall be consulted prior to release of the record.
9. Subject to the conditions set forth in 34 CFR 99.35 authorized representatives of the Comptroller General of the United States, the Secretary of the U.S. Department of Education, authorized representatives of the Attorney General for law enforcement purposes (investigation or enforcement of federal legal requirements of federally supported education programs), or state and local educational authorities.
10. To state and local officials or authorities to which such information is specifically required to be reported or disclosed pursuant to the state statute adopted prior to Nov. 19, 1974, if the allowed reporting or disclosure concerns the juvenile justice system and the system's ability to effectively serve the student whose records are released; or information that is allowed to be reported pursuant to a state statute adopted after 1974, which concerns the juvenile justice system and the system's ability to effectively serve, prior to adjudication, the student whose records are released. Nothing in this paragraph shall prevent the state from further limiting the number or type of state or local officials who will continue to have access thereunder.
11. To organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating or administering predictive tests, administering student aid programs and improving instruction, if such studies are conducted in such a manner as will not permit the personal identification of students and their parents by persons other than representatives of such organizations and such information will be destroyed when no longer needed for the purpose for which it is conducted.
12. To accrediting organizations in order to carry out their accrediting functions.
13. To Department of Veterans Affairs Officials pursuant to 38 USC 3690©.
14. To the court those records that are necessary to defend the institution when a student initiates legal action against the institution.

B. Choosing to Suppress Directory Information – Directory Information is treated as public information. Students may choose to keep their directory information from being disclosed ("suppressed") by submitting a written request to the University's Registrar at any time. However, to keep the directory information from being included in various printed University publications, such requests should be made before the end of the drop/add period for Fall Semester. Information cannot be deleted after printed publications have gone to press and information previously-released in printed publications cannot be recalled. Information contained in electronic publications may generally be changed upon 48 hours notice. Students having opted to suppress their directory information may change their position at a later date by notifying the Office of the Registrar in

writing. **Please note**: refusing to permit the release of directory information means that a student's history at Georgia State will be suppressed in full, preventing the verification by future employers and others of degrees earned and dates of enrollment.**Exception to Directory Suppression:** Due to system constraints, final graduation lists and official programs will include all students who are graduating, regardless of Directory Suppression, unless otherwise stated on the Graduation Application.

C. Records of Deceased Students will be made available to the parents of the deceased student and other authorized parties upon written request. The request must include the need for the records and must identify the requestor's relationship to the deceased student. An official copy of the death certificate must accompany the request, if the University does not have prior notice of the student's death.

D. The University has the discretion to disclose to any parent or legal guardian of a student under the age of 21 information about a violation of any federal, state or local law, or any rule or policy of the institution governing the use or possession of alcohol or a controlled substance if the institution determines that the student has committed a disciplinary violation with respect to such use or possession.

X. Recordkeeping Requirements

Georgia State University will maintain a record of requests for and/or disclosures of information from a student's education records which record may be reviewed by the student. The record will indicate the name of the party making the request and what records, if any, were received, as well as the interest in the records. Such recordkeeping is not required if the request was from, or the disclosure was to:

1. The student;
2. A school official determined to have a legitimate educational interest;
3. A party with written consent from the student;
4. A party seeking directory information; or
5. A federal grand jury or law enforcement agency pursuant to a subpoena that by its terms requires nondisclosure.

Recognition is given to The Catholic University of America upon whose FERPA Policy Georgia State University's FERPA Policy was modeled.

This FERPA policy was approved by the Administrative Council on March 5, 2008.

1060 Access to Student Records

To file a request for suppression of directory information, a student should fill out a Suppress Directory Information Form, available on the Academic Records webpage at http://registrar.gsu.edu/files/2013/02/Request_for_Student_Information_Suppression_Form.pdf, and turn it in to the Enrollment Services Center, 227 Sparks Hall.

Inquiries about students or former students should be directed to the Office of the Registrar. Georgia State's written policy on "Access to Student Records" complies with the provisions of the Act. Students also have the right to file complaints with the Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue, Washington, D.C. 20202-4605, regarding alleged violations of the Act.

1100 Undergraduate Admissions

This chapter contains all information related to admission to an undergraduate program at Georgia State University. See subsections within this chapter for specific admission policies and procedures.

1110 Office of Undergraduate Admissions

200 Sparks Hall
admissions.gsu.edu
Email: admissions@gsu.edu

1115 General Admission Policy

Georgia State University welcomes applications from all qualified individuals regardless of race, color, sex, religion, creed, age, sexual orientation, gender, disability or national origin. Admission is based on a number of factors, depending upon level of entry and previous educational experience. Admission and placement decisions are made by the Office of Undergraduate Admissions using criteria approved by the University Senate and developed in accordance with policies of the Board of Regents of the University System of Georgia. Admission decisions are based on factors such as, but not limited to, an applicant's academic record, test scores, essay, letter of recommendation, circumstances, good conduct and character. Applications are reviewed and considered in the context of the overall applicant pool for the respective term. Admission is a competitive, selective process and meeting minimum requirements does not guarantee acceptance.

Applications received after the deadline for the term of application or received without a designated term will be processed for the next available term. The application fee is non-refundable. Completed applications submitted to the university are valid for 3 terms (the next available term plus the 2 consecutive terms that follow). To be considered during the second or third consecutive term after submitting an application, applicants need only submit a reactivation form, together with any required credentials, by the application deadline date for that particular term. An offer of admission by the university is valid only for the term specified by the university at the time of acceptance and does not constitute approval for any term not so specified.

Applicants with a criminal and/or disciplinary history who are determined to be otherwise admissible for a respective term based on their academic record and other credentials are required to complete a disciplinary/criminal review process before an admission decision is made by the university.* Instructions for completing that review process are communicated to the applicant after the university has determined that the applicant is otherwise admissible for that term.

Absent extenuating circumstances, good disciplinary standing at previously attended colleges and universities is a condition of admission for all applicants. For purposes of admission, good disciplinary standing means that the applicant has no pending disciplinary charges, outstanding disciplinary sanctions or disciplinary issues that would prevent the applicant from re-enrolling at the previously attended institution.

Omissions or misrepresentations on an application for admission are grounds for automatically invalidating consideration by, acceptance to and continuation at Georgia State. Applicants have a duty to update their application with Georgia State when information changes after application submission.

All materials submitted as part of an application for admission become and remain the property of the university and will not be returned to the applicant, duplicated, or transferred to another institution.

Admission to Georgia State University or re-entry approval does not imply admission to a specific major or professional program.

*Applicants are required to answer the following background questions on the Georgia State University admissions application:

1. Are you ineligible to enroll at any previously attended institution?
2. Are you currently on or have you even been placed on academic probation, suspension, exclusion or any other type of academic warning at any previously attended institution?
3. Are you currently charged with, or have been found guilty of, any violation of academic honesty, honor code, or conduct regulations of a previously attended institution?
4. Have you left a previous institution while there were pending charges of any violation of academic honest, honor code, or conduct regulation?
5. Have you been found guilty of any violation of a federal, state, or municipal law, regulation or ordinance (other than for minor traffic violations, or convictions subsequently discharged, expunged, or otherwise ordered by the court to be removed from the applicant's criminal record, including offenses for which any type of first offender status was offered but subsequently revoked for failure to successfully complete program requirements)?
6. Have you ever entered a plea of guilty, no contest, nolo contendere, an Alford plea, or otherwise accepted responsibility for the commission of a crime?
7. Have you received any type of discharge from military service other than an honorable discharge?

Any changes in a student's record prior to enrollment will necessitate a new review of the application. Any omissions or misrepresentations on a student's application for admission will automatically invalidate consideration by, acceptance to and continuation at Georgia State.

All credentials submitted with the application for admission become and remain the property of the university and will not be returned to the student, duplicated, or transferred to another institution.

Admission to Georgia State University or re-entry approval does not imply admission to a specific major or professional program.

- Students who wish to take 3000 or 4000 level teacher education courses (designated by a "TE" in the course description) or who wish to enter one of the teacher education programs must be approved by the College of Education or the College of Arts and Sciences, depending on the student's teaching field major (see Section 1605).
- Prospective applicants who are interested in the Byrdine F. Lewis School of Nursing and Health Professions and have completed preparation to enter the professional or clinical program of their major should contact that school for information on additional departmental application procedures, requirements, and deadlines.

- Students who wish to apply for admission to the School of Music should contact the School of Music office to request separate application materials and to make an appointment for an audition.
- Students who declare a major or pre-major, but fail to meet program requirements of the major (including GPA, minimum course grades or admittance through an application process) and who have no opportunity to progress in that academic program, will have their major administratively changed to exploratory. Students must declare another major after one semester in an exploratory major.

1115.05 Lawful Presence

The Board of Regents of the University System of Georgia requires all students applying to Georgia State University to provide verification of their lawful presence in the United States before their admission to the university can be finalized.

This requirement is detailed in the following Board of Regents policies:

- Policy 4.1.6 Admission of Persons Not Lawfully Present in the United States
- Policy 4.3.4 Verification of Lawful Presence

Students may be verified through one of the following options below:

1. **Verification through the Free Application for Federal Student Aid (FAFSA)**
   If you are either a U.S. citizen, permanent resident or eligible non-citizen (does not apply to international students on a visa) that has completed and submitted a FAFSA, the U.S. Department of Education will verify your lawful presence. If you are not able to be confirmed as lawfully present the Office of Financial Aid will follow up with you for additional documentation.
2. **Submission of one of the following documents:**
   U.S. Certificate of Naturalization*
   U.S. Certificate of Citizenship*
   U.S. Certificate of Birth Abroad*
   Current U.S. Passport*
   Current Georgia Driver's License issued by the State of Georgia after January 1, 2008*
   Current Georgia ID Card issued by the State of Georgia after January 1, 2008*
   Permanent Resident Card*
   Certified U.S. Birth certificate (must be submitted in person)
   Military ID (must be verified in person)
   **Copies of these documents are acceptable.* Submit documents directly to the Office of Undergraduate Admissions in person or via email - lawfulpresenceua@gsu.edu.
3. **Verification through SEVIS (Student and Exchange Information System)**
   If you have or are applying for an F or J visa we will verify your lawful presence through SEVIS. As this is already part of the immigration process there are no additional steps required to have your Citizenship Verification Hold removed. Simply comply with the requirements outlined by our Office of International Student and Scholar Services as you prepare to arrive at Georgia State University.
4. **Verification through SAVE (Systematic Alien Verification for Entitlements)**
   All nonresident alien students on some sort of visa will need to submit immigration documents

verifying their lawful status to the office of International Student & Scholar Services (ISSS). Such documents may include an I-94 card, U.S. Citizenship & Immigration Services (USCIS) approval notice or receipt notice, or other documentation that the student is in lawful visa status.

This requirement applies to students who have been previously enrolled at Georgia State but are either returning (re-entry) to a degree program or applying for a new degree program. Transient students must also be verified; however cross-registration students do not.

Admission will be withdrawn for any student who is unable to provide proof of lawful presence by at least one of the methods outlined above.

1115.10 Special Talent Admission Policy

Students with special talents who do not meet the university admission standards are considered through a special admissions review process. Applications for students in this category are reviewed by a subcommittee of the University Senate on Admissions and Standards which makes a recommendation to the Provost. In their determinations, the committee will review grade point average, test scores, grades and other relevant factors.

The committee members will recommend to the Provost those students whom they determine have a reasonable chance of academic success at Georgia State University. Recommendations include the committee's rationale for each student.

Special Talent Admission Appeals

Decisions to deny admission to special talent applicants by the Office of Admissions may be appealed by the chair of an academic department or the Athletic Director to the Provost for Academic Affairs.

1120 Freshman Applicants

Definition

Those applicants who have never enrolled in a regionally-accredited college or university (unless jointly enrolled while completing high school) are freshman applicants.

Freshman Deadlines

An application for admission and the nonrefundable application fee must be submitted or postmarked by the established deadlines. Applicants are encouraged to apply online at http://admissions.gsu.edu/how-do-i-apply/. Complete credentials must be received before a decision can be made. All required credentials should be submitted to the Office of Admissions no later than fifteen business days following the submission date of the application for admission.

Fall Semester Applicants Only

The Office of Undergraduate Admissions offers three deadlines for Fall application to the University: Early Action, Scholarship Consideration and Regular Decision. Application submission deadlines are as follows:

Early Action Deadline	November 15
Scholarship Deadline	January 3
Regular Decision Deadline	March 1

First-time freshmen applying for fall semester entry will be considered for admission beginning in November and decisions will continue to be made throughout the academic year until enrollment goals have been met. It is recommended that applicants apply as early as possible to be considered for admission, university housing, scholarship funding and need-based financial aid .

Early Action Deadline

Qualified freshmen applicants for whom Georgia State University is a top choice are encouraged to apply for admission on or before November 15 of their senior year to receive an admission decision no later than January 31. Only those applicants with completed admission files, including test scores, essay, letter of recommendation, high school transcript(s), fee, and any requested additional documentation will be notified by this date. All others will be deferred to the Regular Decision process. Primary consideration under the Early Action plan will be focused on demonstrated academic achievement, including the Required High School Curriculum grades through the junior year, rigor of curriculum, and performance on the SAT and/or ACT with writing assessment. The Early Action plan is non-binding and provides applicants an early decision with no obligation to enroll; this option is only open to freshmen who apply for the **summer or fall entry term** to Georgia State. An Early Action applicant must submit the required application, fee and transcripts along with official SAT/ACT scores sent online from the appropriate testing agency no later than December 1. Early Action applicants will receive notification of their admission decision in January, and may be offered admission, deferred to the Regular Decision process for further consideration, or denied admission to Georgia State University. Applicants who are offered admission under Georgia State's Early Action plan are not bound to accept the offer of admission and are given until May 1 to submit their confirmation intent to enroll and attend Georgia State. If an applicant wishes for November or December test scores or mid-year senior grades to be considered in the admissions decision, he or she would be better advised to apply under the Regular Decision plan and deadline.

Early Action applicants deferred to the Regular Decision plan will be strongly encouraged to submit mid-year senior grades and improved SAT and/or ACT scores that show improvement. All deferred Early Action candidates with complete applications will be notified of a final admission decision no later than May 1.

Scholarship Consideration Deadline

If you wish to be considered for a Georgia State University scholarship based on competitive test scores and academic achievement, be sure to submit your completed application and required admission documents **no later than January 3.** Only applicants with completed admission files, including submission of all required admission documents and fee will be considered for possible scholarships. If you are considered for specific scholarships, you may be contacted by the Honors Program for additional information.

Regular Decision Deadline

Freshmen applicants choosing this plan must submit their application no later than March 1 of their senior year. Those applicants with completed admission files, including test scores, essay, letter of recommendation, transcript(s), fee, and any requested additional documentation will be notified no later than April 1. Primary consideration under the Regular Decision plan will also be focused on demonstrated academic achievement (grades in Required High School Curriculum courses, rigor of curriculum, and performance on the SAT or ACT with writing assessment), with secondary consideration given to a combination of the following factors: intellectual pursuits, creative endeavors, and intercultural experiences; public service, co-curricular activities, community involvement, leadership, and family commitments; and integrity and personal maturity. Both Regular Decision and Deferred Early Action candidates will be notified of acceptance, waitlisted or denied admission to Georgia State University no later than May 1.

Spring and Summer Deadlines

An application for admission and the nonrefundable application fee must be submitted or postmarked by the established deadlines. Complete credentials must be received before a decision can be made. All required credentials should be submitted to the Office of Admissions no later than fifteen business days following the submission date of the application for admission. Applications are processed in the order in which they are **complete** and ready for a decision.

Semester	Early Deadline	Regular Deadline
Spring	October 1	December 1
Summer	February 1	March 1

Note: All deadlines are subject to change.

Minimum Freshman Admission Requirements

Admission to Georgia State University is a selective process and meeting minimum admission requirements does not guarantee acceptance. All of the following minimum requirements must be met in order for an applicant to receive consideration as a freshman:

- Be a graduate of and have completed the Required High School Curriculum requirements for the University System of Georgia from a high school accredited by a regional accrediting association (such as the Southern Association of Colleges and Schools), a high school accredited by the Georgia Accrediting Commission, or a public high school regulated by a school system and state Department of Education. A Certificate of Attendance does not qualify an applicant for admission consideration.
- Have completed the University System of Georgia Board of Regents' Required High School Curriculum. Seventeen curriculum course units required as follows:
    1. English (4 units): emphasis in grammar and usage; literature (American, English, and World); and advanced composition skills.
    2. Mathematics (4 units): algebra I, algebra II, geometry, and one additional mathematics course with these units as prerequisites.
    3. Science (4 units): at least one laboratory course from the life sciences and one laboratory course from the physical sciences. (Applicants graduating in 2012 or later must have 4 units.)

4. Social Science (3 units): at least one course focusing on United States studies and one course focusing on world studies.
5. Foreign language (2 units in the same language): emphasis in speaking, listening, reading, and writing.

- Have a minimum 2.80 high school grade point average calculated on the 17 courses listed above.
- Submit electronic SAT scores (including the writing section) with a minimum combined score of 900 (verbal/critical reading + mathematics) with at least 430 verbal/critical reading and 400 mathematics or electronic ACT scores (including the Writing Test) with a minimum composite score of 19 with at least 17 English and 17 mathematics.
- Permanent residents, educated in the United States, whose native language is not English are encouraged to take the TOEFL. If the TOEFL is not taken, applicants from local areas will be required to take the Georgia State Test of English Proficiency (GSTEP) to determine appropriate admission.
- Have a freshman index (FI) of 2500 or higher. The FI is based on a combination of SAT/ACT scores and high school grade point average (HSGPA) in college preparatory courses only. The FI formula using SAT scores is: SAT FI = (500 x HSGPA) + SAT V + SAT M. The FI formula using ACT scores is: ACT FI = (500 x HSGPA) + (ACT composite x 42) + 88. In calculating the HSGPA for FI purposes, the applicant's transcript is calculated upon **only 17 of the required high school curriculum** taken such as English, mathematics, science, social studies, and foreign language.

High-Ability RHSC-Deficient Freshman

Certain high-ability applicants are eligible for admission to Georgia State even if they have not fully completed the Required High School Curriculum (RHSC). Applicants who have graduated from high school and have:

- completed the RHSC English requirement,
- completed the RHSC Math requirement,
- three units of Science,
- two units of Social Science,
- a combined SAT score (or ACT equivalent) of 1100 or better, and
- a high school GPA (as calculated for the FI) of 3.3 or better, are eligible for admission as high-ability RHSC-deficient freshman. High-ability applicants with RHSC deficiencies will have their files reviewed individually and some may be admitted. No more than 100 high-ability RHSC-deficient freshman will be admitted in any academic year.

Applicants admitted with RHSC deficiencies must complete the RHSC requirements by taking the Georgia State courses in the sciences, social sciences or foreign languages (depending on the area of their RHSC deficiencies). These courses will be selected by the University Advisement Center. Credits earned in courses taken to meet RHSC deficiencies do count towards graduation requirements. Students must earn a grade of C or better in those courses they take to meet RHSC deficiencies. Students must complete all RHSC-required courses either prior to enrollment or before they earn 30 hours at the University. Otherwise, they may not register for any courses except RHSC courses until all RHSC requirements are complete.

Home-Schooled Students

Applicants for freshman admission who have been home-schooled or graduated from non-accredited high schools may be considered for admission by meeting one of the following two criteria:

Option One: Portfolio Admission

Applicants who wish to apply for admission under the portfolio review option must:

1. Demonstrate a combined SAT test score (or an ACT equivalent) that is at or exceeds the average SAT for those enrolled as first time freshmen for the previous fall term. The current score is 1090 (SAT) or 24 (ACT).
2. Submit electronic SAT scores (including the writing section) of at least 430 verbal/critical reading and 400 mathematics or electronic ACT scores (including the Writing Test) of at least 17 English and 17 mathematics.
3. Submit a portfolio that demonstrates satisfactory completion of the 16 Required High School Curriculum (RHSC) required for admission to a University System of Georgia research institution. This portfolio must include information about the course of study leading to satisfactory completion of **each** RHSC unit, including a list of all educational resources (books and other materials), course outline and appropriate outcomes assessment. Georgia State University reserves the right to request any further information that it feels necessary to evaluate the completion of the RHSC requirements.

Option Two: SAT Subject Test Admission

Applicants who wish to apply for admission under the SAT Subject Test option must:

1. Submit electronic SAT scores (including the writing section) with a minimum combined score of 900 with at least 430 verbal/critical reading and 400 mathematics or electronic ACT scores (including the Writing Test) with a minimum composite score of 19 with at least 17 English and 17 mathematics.
2. Submit acceptable scores on six SAT Subject Tests and demonstrate proficiency in a foreign language at the level of two years of high school study. Minimum acceptable scores on the prescribed SAT Subject Tests are:
    - **520** on the English Writing test (now a required part of the SAT or ACT)
    - **530** on the Literature test
    - **500** on the Mathematics Level 1 test or a score of 570 on the Mathematics Level 2 test
    - **520** on the Biology test
    - **540** on the Chemistry test or 590 on the Physics test
    - **560** on the U.S. History test, and
    - **540** on the World History test

The appropriate level of competency in a foreign language will be evaluated by the Georgia State University Department of World Languages and Cultures, using methods including both oral and written components.

1125 Transfer Applicants

Definition

Those applicants who have previously attended a regionally-accredited college or university (except for students jointly enrolled while completing high school) are transfer applicants.

Transfer Deadlines

An application for admission and the **nonrefundable** application fee must be submitted or postmarked by the established deadlines. Applicants are encouraged to apply online at http://admissions.gsu.edu/how-do-i-apply/transfer-students/. Complete credentials must be received before a decision can be made. All required credentials should be submitted to the Office of Admissions no later than fifteen business days following the submission date of the application for admission. Applications are processed in the order in which they are **complete** and ready for a decision. Students wishing to be considered for a subsequent term must submit a reactivation form at the following website (http://admissions.gsu.edu/how-do-i-apply/other-enrollment-types/reactivation/), and any additional credentials that may be necessary by the appropriate deadline. Applicants interested in early registration dates and orientation, university housing, and/or financial aid are urged to apply and complete their applications by the **Deadline Dates** listed below.

Semester	**Early Deadline**	**Regular Deadline**
Fall	February 1	July 1
Spring	October 1	December 1
Summer	February 1	April 1

Note: All deadlines are subject to change.

For international student application deadline dates, please see Section 1165.

The professional and clinical programs in the Byrdine F Lewis School of Nursing and Health Professions may have earlier deadlines. Please contact the Office of Academic Assistance, Byrdine F Lewis School of Nursing and Health Professions, 404-413-1000, for information on procedures and deadline dates.

Admission Requirements

All of the following minimum requirements must be met in order for an applicant to receive consideration as a transfer, but meeting them does not guarantee admission. An applicant must:

- have a minimum cumulative 2.5 grade point average in college-level courses (excluding developmental/remedial courses) from all accredited institutions attended.
- be eligible to re-enroll at the last institution attended.
- have completed all college preparatory curriculum and learning support coursework required by any unit of the University System of Georgia (USG).
- in addition, those students who have completed **fewer than 30 semester hours or 45 quarter hours** of college-level academic coursework attempted at one or more regionally accredited institutions must meet all freshman admission requirements (see Section 1120).
- arrange for **all** transcripts to be received directly by the Office of Undergraduate Admissions or provide them in sealed envelopes directly from the institution. Student copies of transcripts, official

transcripts opened by the student, and fax copies are not acceptable.
- must have satisfied Learning Support requirements at their previous institutions.
- must have satisfied Required High School Curriculum requirements

Transfer students should be aware of the Board of Regents' requirements in reading, writing, history, and constitution (see sections 1420 and 1425).

Transfer Credit Policy

When an applicant is accepted for undergraduate transfer admission, courses that parallel the curriculum of Georgia State University will be accepted for transfer credit. Credit must have been earned at institutions of higher education with full accreditation by one of the following accreditors:

- Middle States Association of Colleges and Schools
- New England Association of Schools and Colleges
- North Central Association of Colleges and Schools
- Northwest Commission on Colleges and Universities
- Western Association of Schools and Colleges
- Southern Association of Colleges and Schools

Courses completed at a two-year college will be granted lower-division credit.

The total number of hours that may be earned toward a degree by extension or correspondence courses may not exceed 30 semester hours.

In general, transfer credit will not be awarded for a course that a student has previously attempted at Georgia State (including attempts which resulted in a withdrawal). However, individual departments may waive this rule for their courses.

Because the university has a minimum academic residence requirement, the amount of transfer credit applicable to a degree program may be limited (See Section 1440). In addition, Colleges and Departments have their own transfer credit policies and this may also limit the amount of transfer credit applicable to a degree program. All such policies are stated in this Catalog in the following sections:

- 2000 Andrew Young School of Policy Studies
- 3020 College of Arts and Sciences
- 4050 College of Education and Human Development
- 5020.10 Byrdine F Lewis School of Nursing and Health Professions
- 7020.10 Robinson College of Business

Georgia State maintains a web site, http://advisement.gsu.edu/transfer-students/equivalency-charts/, which indicates courses at other institutions that will be accepted as transfer credit (subject to the restrictions noted in this section). If a course at other institution is not on this list, students should consult the University Advisement Center at http://advisement.gsu.edu.

Georgia State University will allow no more than 12 semester hours of D grades to apply toward degree requirements of a baccalaureate program of study. This 12 semester hours includes both credit completed

at Georgia State (resident credit) and transfer credit. Certain degree programs may designate a lesser number of D grades as acceptable. Consult your college's chapter of this catalog for stricter requirements.

A student who takes a course at another institution will not receive transfer credit for that course until the end of the semester following the semester in which the course was taken. Therefore, students may not take courses for degree credit at another institution during the semester they graduate from Georgia State.

Transfer Credit for Core Courses

1. Students will be granted credit for all of Areas A-E of the core if they hold one of the following:
    a. a baccalaureate degree from U.S. institution of higher education accredited by one of the six accreditors listed above
    b. for those who have graduated from a non-U.S. institution, the equivalent of a baccalaureate degree from a U.S. institution of higher education accredited by one of the six accreditors listed above as certified by Georgia State or a Georgia State-approved agency such as Joseph Silny and Associates, Inc.
    c. an associate's degree designed to transfer to a baccalaureate program from a University System of Georgia (USG) institution
2. However, there are two exceptions to the policy stated in 1 above.
    a. Students seeking a baccalaureate degree in biology, chemistry, computer science, geology, mathematics, physics, science education, or math education who do not hold a baccalaureate degree in one of these fields will only be granted credit for all of Areas B, C, and E. They will be granted credit in Areas A and D on a course-by-course basis.
    b. Students seeking a baccalaureate degree in nursing, nutrition or respiratory therapy will only be granted credit for all of Areas A, B, C, and E. They will be granted credit in Area D on a course-by-course basis.
3. Students who hold any other associate's degree, such as an associate's degree from a non-USG institution or an associate's degree not designed to transfer to a baccalaureate program, will be granted transfer credit for core courses on a course-by-course basis.

1130 Postbaccalaureate Applicants

Definition

Those applicants who have received a bachelor's degree and who wish to take undergraduate courses without being admitted to a second undergraduate degree program are postbaccalaureate applicants. An applicant wishing to seek a second baccalaureate degree should refer to Section 1125. Georgia State University graduates should refer to Section 1170.

Deadlines

Semester	Deadline
Fall	July 1
Spring	December 1
Summer	April 1

Note: All deadlines are subject to change.

For international student application deadline dates, please see Section 1165.

After the Regular Deadline Dates, only postbaccalaureate applications that are **complete** at the time of submission (application, **nonrefundable** application fee, and all required documents) will be processed and only if space is available and time permits.

An applicant wishing to seek a second bachelor's degree in a professional or clinical program in the Byrdine F Lewis School of Nursing and Health Professions should apply to the university as a transfer student. Once a student has been admitted to the university, there is a second application process for those interested in majors in the Byrdine F. Lewis School of Nursing and Health Professions. Please contact the Office of Academic Assistance, Byrdine F. Lewis School of Nursing and Health Professions, for information on procedures and deadline dates.

Admission Requirements

Postbaccalaureate applicants **must hold** a baccalaureate degree or the equivalent from an institution of postsecondary education with full accreditation by a regional association of colleges and schools and, where appropriate, the Commission on Colleges.

The postbaccalaureate status is not available for applicants seeking teacher certification in any area other than music education and art education (see Section 1605).

In order to be considered for admission as a postbaccalaureate student, an applicant must complete an application for undergraduate admission (including the nonrefundable fee) and submit an official transcript from the degree-granting institution by the appropriate deadline. If a student wishes to change to a degree-seeking status after enrolling at Georgia State University as a postbaccalaureate student, conditions for acceptance as a transfer student must be met. An application for admission, the nonrefundable application fee and required transcripts must be filed with the Office of Undergraduate Admissions located in 200 Sparks Hall by the established application deadline for the intended semester of entry.

All scholastic discipline policies and all course prerequisite policies are applicable to Postbaccalaureate students. Postbaccalaureates may not attend another institution as transient students from Georgia State. Transient status is only for degree-seeking students. Postbaccalaureate students wishing to attend another institution must apply directly to the other school.

1135 Transient Applicants

Definition

Students who are currently enrolled in a transferable degree program at another accredited college or university in the United States who wish to register at Georgia State University for the purpose of completing work to transfer back to the home institution are transient applicants. Transient students may attend for only one fall or one spring semester. However, attendance as a transient student in summer semesters is unlimited.

Deadlines

Semester	Deadline
Fall	July 1
Spring	December 1
Summer	April 1

Note: All deadlines are subject to change.

For international student application deadline dates, please see Section 1165.

After the Regular Deadline Dates, only transient applications that are complete at the time of submission (application, nonrefundable application fee, and all required documents) will be processed and only if space is available and time permits.

Admission Requirements

In order to be eligible for admission as a transient, a student must submit an application for undergraduate admission (including the **nonrefundable** fee) and request an official statement granting permission to enroll as a transient student from the home institution. The appropriate academic official at the home institution must send this statement directly to Georgia State University. The application will be valid for 3 terms (the initial term plus 2 additional terms). Students who do not enroll the semester for which they were accepted and wish to register later must either reactivate their application or submit a new application by the application deadline and arrange for a current official statement updated for the new semester to be sent.

International students who are attending school on another institution's immigration document (F-1/I-20, J-1/IAP-66) will not be issued any additional documents, but must also submit a statement of permission from the International/Foreign Student Advisor at the home institution.

The following regulations are applicable to transient students:

- They should seek academic advisement at their home institution to determine if courses taken at Georgia State are acceptable to their degree program.
- All scholastic discipline policies and all course prerequisite policies are applicable to transient students.
- Transcripts for courses completed at Georgia State as a visiting student must be requested from the Office of the Registrar at http://registrar.gsu.edu/academic-records/transcripts/ to be sent to the home institution.
- Transient students are admitted to and register through the college or school selected on their application. If the applicant does not indicate a college, and if a transient approval letter has been received, placement will be determined from the courses indicated in the letter.
- To continue for an additional summer semester as a transient, a student must file a re-entry application and arrange for all necessary supporting documentation to be received in the Office of Undergraduate Admissions by the established deadlines (see Section 1170). With the exception of summer semesters, registration as a transient student is limited to one semester. Students seeking exception to this policy must contact the Office of Undergraduate Admissions. If a student wishes to

become a transfer student, the student must file a new application for undergraduate admission (including the **nonrefundable** application fee) and arrange for **all** transcripts to be received by the Office of Undergraduate Admissions by the appropriate deadline. Student copies of transcripts or official transcripts opened by the student are **not** acceptable (see Section 1125).

1145 Non-traditional Applicants

Definition

Non-traditional applicants are defined as individuals who meet **all** of the following criteria:

- Have been out of high school at least five years or whose high school class graduated at least five years ago.
- Hold a high school diploma from an accredited high school as specified under Section 1120 or have satisfactorily completed the GED.
- Have earned fewer than 30 transferable semester hours or 45 transferable quarter credit hours.

Deadlines

A non-traditional applicant must follow the freshman deadlines (see Section 1120) for submitting an application, nonrefundable application fee and transcripts. Applicants are encouraged to apply online at admissions.gsu.edu.

Admission Requirements

Applicants must take the COMPASS assessment to be admitted to the university. The Office of Undergraduate Admissions notifies applicants of test date, time, and location. Applicants must earn the following scores on the COMPASS to be eligible for admission: reading = 74, writing = 60, and mathematics (COMPASS algebra test) = 37. If the file is not completed in time for testing to be scheduled prior to registration, it may become necessary to update the application to a future semester. If an applicant does not earn a required score(s) on the first attempt, that part(s) of the COMPASS may be retaken but the second attempt must be at least ninety (90) days after the first attempt. Applicants who do not earn all three of the required scores after two attempts may not reapply to Georgia State as nontraditional applicants for five years.

1150 Dual Enrollment Programs

At Georgia State, we have three programs that give academically outstanding high school students an opportunity to enroll in undergraduate courses. Students have a choice to enroll in the Accel Program or Move On When Ready (MOWR) to earn both high school and college credits. We also offer Joint Enrollment, but in this program, students only earn college credit.

Accel Program

Definition

The Accel Program is an opportunity for academically outstanding high school student to enroll as a special, non-degree seeking undergraduate student. Students may enroll full-time (12-17 semester hours) or part-time (1-11 semester hours) to earn both high school and college credits. Participation is only permitted during the normal fall and spring semesters of the high school and college school year.

Eligibility

To be eligible for the Accel program, a student must:

- Be entering 11th or 12th grade, seeking a high school diploma from a public or private school, including home study, or home school programs
- Be on track to graduate
- Be a legal resident of Georgia for 12 consecutive months before the first day of classes and meet U.S. citizenship requirements
- Obtain approval of the high school guidance counselor and parent(s)/legal guardian(s)
- Achieve a grade of C- or higher in Georgia State classes to remain eligible for the program

Admission Requirements

Students must demonstrate a high degree of academic potential and maturity to be considered for the Accel Program. To be considered for admission, a student **must** meet all three requirements for admission:

1. **GPA Requirement:** 3.0 in the Required High School Curriculum (RHSC) course units
2. **Test scores:** Students may take either the ACT or SAT. The following minimum scores are **required**:
   ACT Requirement: 23 English and 23 Math
   SAT Requirement: 530 Verbal (Critical Reading) and 530 Math
3. **Freshman Index (FI):** 2600 or higher for seniors and 2700 or higher for juniors
   The FI is based on a combination of SAT/ACT scores and high school grade point average (HSGPA) in college preparatory classes only.
   The FI formula using SAT scores is *SAT FI = (500 x HSGPA) + SAT Verbal + SAT Math.*
   The FI formula using ACT scores is *ACT FI = (500 x HSGPA) + (ACT composite x 42) + 88.* In calculating HSGPA for FI purposes, the applicant's transcript is calculated upon only the academic (college preparatory) courses taken – English, Math, Science, Social Science and Foreign Language

Deadlines

Applicants must submit the application, **nonrefundable** application fee and required documents by the appropriate deadline.

Semester	**Deadline**
Fall	May 1
Spring	November 1

Accel program students are not eligible to enroll in classes for the summer semester. **Note:** All deadlines are subject to change.

Coursework

Talk to your high school guidance counselor about the classes you want to take. All schedules are subject to the approval of the appropriate high school official and Georgia State University. Students will take all coursework at Georgia State University's main campus. Courses must be selected from the approved Course Directory for Accel. Coursework taken under the Accel Program does not count against HOPE Scholarship hours.

Cost

The cost for full-time coursework up to 17 semester hours from the approved course listing will be covered under the Accel program. Accel only covers tuition. Other cost of attendance expenses including lab fees, books, meals, transportation and personal expenses are the responsibility of the parent/guardian. Any additional credit hours and/or courses not covered under Accel must be paid for out of pocket.

Policies & Regulations

- Georgia State University Accel Program students are not permitted to live on campus in University Housing and must have a form of transportation to campus.
- Admission to Georgia State under Accel does not imply admission to any other status. Accel students who later wish to enroll at Georgia State outside the Accel program must reapply.
- Students may not attend classes during the summer semester
- Students must take courses that meet their high school graduation requirements.
- Students must pass any placement exams required for the courses they wish to take.
- Students admitted to the program are subject to the same fees, rules, and regulations as other Georgia State University students.
- A student enrolled simultaneously at the university and the high school is also subject to any rules and regulations imposed by that high school.
- Students may participate in student clubs and other student life activities.
- Students who earn a C- or lower in any class will not be allowed to continue the Accel program at Georgia State.
- All students are required to earn a high school college preparatory diploma on or before their original graduation date using the college-level coursework, as appropriate.
- College credits earned while in the Accel program are transferable to other institutions based on post-secondary agreements between institutions. Students are advised to consider the post-secondary institutional agreements when planning Accel coursework.

Accel students enrolled in a class requiring state high school graduation tests, including End of Course Tests and the Georgia High School Graduation Tests, are responsible for fulfilling the requirement. Georgia State courses are not designed to prepare students for these tests.

Move On When Ready

Definition

Move on When Ready (MOWR) is an opportunity for academically outstanding high school students to enroll as special non-degree seeking undergraduate students at Georgia State before graduation from high

school. Students must be enrolled full-time (12-17 semester hours) and will earn both high school and college credits. Participation is only permitted during the normal fall and spring semesters of the high school and college year.

Student Eligibility

To be eligible for Move On When Ready, a student must:

- Be entering 11th or 12th grade and have spent the prior year in attendance at a **public** high school in Georgia *(students attending a private high school will need to apply for the Accel Program)*
- Be on track to graduate
- Be a legal resident of Georgia for 12 consecutive months before the first day of classes and meet U.S. citizenship requirements
- Obtain approval of the high school guidance counselor and parent(s)/legal guardian(s)
- Achieve a grade of C- or higher in their Georgia State courses to remain eligible for the program

Admission Requirements

Because of the demanding nature of college-level course work at a research institution, MOWR students must demonstrate a high degree of academic potential and maturity. To be considered for admission, a student **must** meet all three requirements for admission:

1. **GPA Requirement:** Sophomores applying to be a MOWR student as a junior must have a GPA of 3.5 or higher; Juniors applying to be a MOWR student as a senior must have a GPA of 3.3 or higher. Both applicant types must have a minimum GPA of 3.3 in the Required High School Curriculum (RHSC) course units.
2. **Test scores:** Students may take either the ACT or SAT. The following minimum scores are **required**:
   ACT Requirement: 23 English and 23 Math
   SAT Requirement: 530 Verbal (Critical Reading) and 530 Math
3. **Freshman Index (FI):** 2700 or higher for seniors and 2800 for juniors.
   The FI is based on a combination of SAT/ACT scores and high school grade point average (HSGPA) in college preparatory classes only.
   The FI formula using SAT scores is *SAT FI = (500 x HSGPA) + SAT Verbal + SAT Math.*
   The FI formula using ACT scores is *ACT FI = (500 x HSGPA) + (ACT composite x 42) + 88.* In calculating HSGPA for FI purposes, the applicant's transcript is calculated upon only the academic (college preparatory) courses taken – English, Math, Science, Social Science and Foreign Language.

Deadlines

Applicants must submit the application, **nonrefundable** application fee and required documents by the appropriate deadline.

Semester	**Deadline**
Fall	May 1
Spring	November 1

MOWR program students are not eligible to enroll in classes for the summer semester. **Note:** All deadlines are subject to change.

Program Cap

Per the Board of Regents Policy, Georgia State only admits 10 students for the academic year into the MOWR program. Once the cap is reached, students may be considered for the Accel Program.

Coursework

Talk to your high school guidance counselor about the classes you want to take. All schedules are subject to the approval of the appropriate high school official and Georgia State University. Students will take all coursework at Georgia State University's main campus. Move on When Ready courses must be selected from the approved Accel and MOWR course list. Coursework taken through MOWR does not count against HOPE Scholarship or HOPE Grant hours.

Cost

The cost for full-time coursework up to 17 semester hours from the approved course listing will be funded by the high school Full-Time Equivalent (FTE) program. Eligible participating institutions will accept the determined Move On When Ready amount as full payment for the student's tuition and mandatory fees. Other cost of attendance expenses including lab fees, books, meals, transportation and personal expenses are the responsibility of the parent/guardian. Any additional credit hours and/or courses not covered under the approved course list must be paid for out of pocket. **Students must be aware that grades of C- or better apply to all classes, whether covered out of pocket or through FTE funding.**

Policies & Regulations

MOWR students must follow the following academic regulations in addition to all the other academic regulations of Georgia State University.

- Georgia State University MOWR students are not permitted to live on campus in University Housing and must have a form of transportation to campus.
- Admission to Georgia State under MOWR does not imply admission to any other status. MOWR students who later wish to enroll at Georgia State outside the MOWR program must reapply.
- Students may not attend classes during the summer semester
- Students may attend for a maximum of two years (four semesters)
- Students must take courses that meet their high school graduation requirements.
- Students must pass any placement exams required for the courses they wish to take.
- Students may not take any courses at any high school or at any other institution of higher education while enrolled in the program.
- Students may participate in student clubs and other student life activities
- Students who earn a C- or lower in any class will not be allowed to continue in the MOWR program at Georgia State.
- College credits earned while in the MOWR program are transferable to other institutions based on post-secondary agreements between institutions. Students are advised to consider the post-secondary institutional agreements when planning MOWR coursework.

MOWR students should be aware that they must meet all state high school graduation testing requirements, including End of Course Tests and the Georgia High School Graduation Tests. Georgia State courses are not designed to prepare students for these tests.

Joint Enrollment

Definition

High school students may supplement and enhance their high school curriculum by enrolling in college courses as a joint enrollment student. Courses taken through joint enrollment result in college credit, not high school credit, and students are responsible for their tuition and fees. Students wishing to attend as a joint enrollment student must meet the Accel Program admission requirements of Georgia State University.

Student Eligibility

To be eligible for Joint Enrollment, a student must:

- Be a high school student seeking a high school diploma from a public or private school, including home study, or home school programs
- Be on track to graduate
- Be a legal resident of Georgia and meet U.S. Citizenship Requirements
- Obtain approval of the high school guidance counselor and parent(s)/legal guardian(s)

Admission Requirements

Students must demonstrate a high degree of academic potential and maturity to be considered for Joint Enrollment (Program for Excellence/PFE). Joint enrollment is open to high school juniors and seniors meeting our application requirements. To be considered for admission, a student **must** meet all three requirements for admission:

1. **GPA Requirement:** 3.0 in the Required High School Curriculum (RHSC) course units
2. **Test scores:** Students may take either the ACT or SAT. The following minimum scores are **required**:
   ACT Requirement: 23 English and 23 Math
   SAT Requirement: 530 Verbal (Critical Reading) and 530 Math
3. **Freshman Index (FI):** 2600 or higher for seniors and 2700 or higher for juniors
   The FI is based on a combination of SAT/ACT scores and high school grade point average (HSGPA) in college preparatory classes only.
   The FI formula using SAT scores is *SAT FI = (500 x HSGPA) + SAT Verbal + SAT Math.*
   The FI formula using ACT scores is *ACT FI = (500 x HSGPA) + (ACT composite x 42) + 88.* In calculating HSGPA for FI purposes, the applicant's transcript is calculated upon only the academic (college preparatory) courses taken – English, Math, Science, Social Science and Foreign Language.

Deadlines

Applicants must submit the application, **nonrefundable** application fee and required documents by the

appropriate deadline.

Semester	Deadline
Fall	May 1
Spring	December 1
Summer	May 1

Note: All deadlines are subject to change.

Coursework

Students will take all coursework at Georgia State University's main campus

Cost

Participation in Joint Enrollment is funded entirely by the student. To view current tuition costs for Georgia State University, please visit Student Financial Services at http://sfs.gsu.edu.

Policies & Regulations

- Georgia State University Joint Enrollment students are not permitted to live on campus in University Housing and must have a form of transportation to campus.
- Students admitted to the program are subject to the same fees, rules, and regulations as other Georgia State University students.
- A student enrolled simultaneously at the university and the high school is also subject to any rules and regulations imposed by that high school.
- All students are required to earn a high school college preparatory diploma on or before their original graduation date using the college-level coursework, as appropriate.

1154 Early College

Definition

Early College is a program that allows students from selected high schools to enroll at Georgia State. Early College students enrolled in a participating high school may earn a high school diploma with the potential to earn an Associate's degree or two years of college credit towards a Bachelor's degree. Unlike Accel, Move on When Ready (MOWR) and Joint Enrollment (JE), Early College enrollment is open only to students enrolled at an Early College high school that has partnered with Georgia State University.

Deadlines

Applicants must submit the application and required documents by the appropriate deadline. Early College deadlines are set by joint agreement of the Georgia State University Office of Admissions and the Early College high school. Students should consult their Early College liaison for applicable deadlines. Early College students do not pay an application fee.

Admission Requirements

Because of the demanding nature of college-level course work at a research institution, Early College students must have a high degree of academic potential and maturity. To be considered for admission, a student must meet the following minimum requirements:

- Have spent the entire year prior to enrollment at an Early College high school in Georgia.
- Be currently enrolled at an Early College high school that has partnered with Georgia State University.
- Be high school sophomore (to apply to be an Early College student as a second semester sophomore or as a junior) or a high school junior (to apply to be an Early College student as a senior).
- Obtain the recommendation of the student's high school guidance counselor.
- Obtain the approval of the student's parents or legal guardians.
- Be on track to complete all Required High School Curriculum (RHSC) requirements.
- Achieve a minimum high school GPA of 2.75 in college prep (RHSC) courses.

In addition, the admission decision will also consider:

- A personal essay to be reviewed by the high school guidance counselor making the recommendation.
- The student's attendance record in high school. Normally, a minimum attendance rate of 90% is required to be permitted to take classes at Georgia State.

Students must also provide a copy of their most recent high school transcript showing all grades completed to date.

Admission to Georgia State under Early College does not imply admission to any other status. Early College students who later wish to enroll at Georgia State outside the Early College program must reapply.

Academic Regulations

Early College students must follow the following academic regulations in addition to all the other academic regulations of Georgia State University.

- They may not attend classes during the summer semester except by special permission of the Georgia State University Advisement Center.
- They may attend for a maximum of five semesters. (However, students should be aware that the Accel program will only pay for four semesters.)
- The courses in which they are enrolled must be part of Georgia State's core curriculum and must count towards their high school graduation requirements.
- They must pass any placement exams required for the courses they wish to take.
- They may not take any courses at any other institution of higher education while enrolled in the program.
- They may not live on campus but may participate in some student clubs and other student life activities with the advance permission of the Office of the Dean of Education.
- Early College students may only enroll in Georgia State courses approved by their high school guidance counselor and Georgia State University Advisement Center.
- If they earn a Georgia State cumulative GPA below 2.0, in next semester students must either

attend a USG 2-year institution (that is a Georgia State Early College partner) or attend only high school. They may return to Georgia State only after taking at least six hours at the 2-year institution and earning a GPA of 3.0 (or better) or earning a high school semester GPA of 3.25 (or better).
- Students must participate in the Early Alert program. Faculty who have Early College students in their courses must participate in the Early Alert program.
- College credits earned while in the Early College program are transferable to other USG institutions.

Early College students should be aware that they must meet all state high school graduation testing requirements, including End of Course Tests and the Georgia High School Graduation Tests. Georgia State courses are not designed to prepare students for these tests.

1155 GSU-62 Program

Definition

Applicants who meet the criteria listed below may apply for GSU-62 waivers of tuition and fees. The regulations listed also apply to the GSU-62 student who wishes to audit classes instead of taking courses for credit. Audit registration is completed by the Enrollment Services Center and requires permission from the instructor prior to registration.

Deadlines

Applicants must submit the application and required documents by the appropriate deadline.

Semester	Early Deadline	Regular Deadline
Fall	February 1	March 1
Spring	October 1	October 1
Summer	February 1	March 1

Note: All deadlines are subject to change.

The following minimum requirements must be met in order for a student to receive a GSU-62 waiver.

- Must meet all applicable admission requirements for their program of study.
- Must be 62 years of age or older at the time of registration. (Submit a birth certificate or other comparable written documentation, such as a current U.S. passport, verifying proof of your age.)
- Must be classified as a Georgia resident in accordance with the Regents' Requirements for Resident Status.
- Must not register before the first day of late registration.

GSU-62 students will register on a space available basis during late registration. No tuition and fees will be assessed except for certain classes which require supplies or laboratory fees. All usual student and institutional records will be maintained.

This status can include graduate studies with the exception of the College of Law. Contact the appropriate

graduate office in the university for application information. GSU-62 students must be admitted to graduate study to be eligible to enroll for graduate courses (those numbered 5000 and higher). Although you will be applying to graduate school, please contact the Office of Undergraduate Admissions as all waivers are entered through that office.

1165 International Students, Students with Non-U.S. Credentials, and Non-native Speakers of English

Georgia State University encourages the enrollment of students from other countries. After reading this section, if you need additional information or have questions, please contact: Georgia State University, Office of Undergraduate Admissions, P.O. Box 4009, Atlanta, GA 30302-4009 or in person at 200 Sparks Hall, phone: 404-413-2500, fax: 404-413-2002, admissions@gsu.edu, or http://admissions.gsu.edu/international.

Definition

The following definitions apply:

- International applicants and students are individuals who are not U.S. citizens, permanent residents, asylees, refugees, or holders of the A, E, I, G, H, K or L visa status.
- Applicants and students with non-U.S. academic credentials are individuals who received their secondary school diploma, and/or any college credit through an institution outside the U.S.
- Non-native speakers of English are students whose native language, as reported on the admission application, is a language other than English.

Note: An individual may fall into one, two or all three of the above categories. Applicants and students who fall into more than one category must follow the procedures and meet at least the minimum requirements for all categories in which they fall.

Deadlines

Applications for admission, including the nonrefundable application fee, as well as all required academic credentials, essay, letter of recommendation, test scores, and financial documentation must be received by the established deadlines. Applications and reactivations received after the deadline dates will be processed for the following semester. Applicants are encouraged to apply online at http://admissions.gsu.edu/.

Semester	Early Deadline	Regular Deadline
Fall	February 1	March 1
Spring	October 1	October 1
Summer	February 1	March 1

Note: All deadlines are subject to change.

Admission Requirements

International Applicants

In addition to meeting all other applicable requirements for admission, international applicants who will need a student visa status (F or J) must demonstrate the ability to meet the estimated financial obligations of tuition, fees and living expenses by submitting the Foreign Student Financial Statement and the required documentation of financial support.

Applicants with Non-U.S. Credentials

In addition to meeting all other applicable requirements for admission, freshman applicants and transfer applicants with less than 30 semester hours of transferable credit must demonstrate academic preparation equivalent to graduation with a U.S. secondary Required High School Curriculum (RHSC) and have a GPA of 3.0 based on only academic courses. Applicants who have completed non-U.S. university level coursework must have earned satisfactory grades on all such work attempted and be in good academic standing. The applicant does not need to meet the Freshman Index or minimum RHSC requirements of those graduating from a U.S. high school.

Applicants must present official secondary (high school) or postsecondary (college or university) credentials, certificates or diplomas. Official documents must bear authoritative signatures, seals and/or stamps. These should be sent by the institution responsible for issuing such documents. In cases where it is impossible for these credentials to be sent from the institution, or only one set of originals is available to students, applicants should forward an attested copy of the original. A proper institution official or the Ministry of Education in the home country must do the attestation. A certified original translation must accompany all documents not printed in English.

Georgia State University requires that all international academic documents (transcripts, mark sheets, certificates, leaving examination results, etc.) be formally evaluated by either the Office of Undergraduate Admissions or an independent evaluation service such as Josef Silny and Associates, Inc. (www.jsilny.com), Educational Credential Evaluators (www.ece.org), or World Education Services (www.wes.org).
Visit http://admissions.gsu.edu/how-do-i-apply/international-students/official-transcript-evaluations/ for more about the evaluation process and an approved list of countries that are evaluated by the Office of Undergraduate Admissions.

Applicants who have completed university-level studies overseas should submit catalogs or official course descriptions from the schools attended to Georgia State University in order to have credit considered for application to a degree program. All information must be translated into English and verified by the proper authorities.

Applicants Who are Non-Native Speakers of English

In addition to meeting all other applicable requirements for admission, non-native speakers of English must demonstrate sufficient English language proficiency. This can be demonstrated by submitting any one of the following: an SAT verbal/critical reading score of at least 430, an ACT English subtest score of at least 17, a TOEFL score of 550 (paper test) or 79-80 (internet-based test), a GSTEP score of 6, an International English Language Testing System (IELTS) score of 6.5, or by successfully completing Georgia State University's Intensive English Program.

TOEFL bulletins (including registration forms) can be obtained at United States embassies and consulates, bi-national centers, or by writing to: Test of English as a Foreign Language, P.O. Box 6154, Princeton, N.J. 08541-6154, U.S.A. (www.toefl.org).

Information concerning IELTS test dates and test sites may be obtained at www.ielts.org.

To register for the GSTEP, please contact the Department of Applied Linguistics and English as a Second Language at 404-413-5200 (http://www2.gsu.edu/~wwwtep/).

F-1 Visa applicants who are non-native speakers of English and who meet all admission requirements except the English language proficiency requirement may be granted conditional admission. To be eligible for conditional admission, applicants must have a TOEFL score of 480 (paper test) or 54-55 (internet-based test). Students granted conditional admission will be required to take certain courses in the Intensive English Program (IEP) before taking other courses. A student may remain on conditional admission status for no more than three semesters. For more information about the IEP, see http://iep.gsu.edu/.

1170 Re-entry Applicants

Definition

An undergraduate re-entry applicant is a student who previously enrolled at Georgia State University and who wishes to re-enroll at Georgia State in one of the following ways:

- Previously enrolled as an undergraduate degree-seeking student wishing to return as an undergraduate degree-seeking student after an absence of three or more semesters.
- Previously enrolled as an undergraduate degree-seeking student wishing to return as an undergraduate postbaccalaureate student after an absence of three or more semesters.
- Previously enrolled as an undergraduate postbaccalaureate student wishing to return as an undergraduate postbaccalaureate student after an absence of three or more semesters.
- Previously enrolled as an undergraduate degree-seeking student wishing to return as an undergraduate transient student after an absence of three or more semesters.
- Previously enrolled as an undergraduate transient student wishing to return as an undergraduate transient student for any term. Note: Students are only permitted to attend one spring or one fall semester as an undergraduate transient student, but may apply for unlimited summer semesters. Students seeking exception to this policy must contact the Office of Undergraduate Admissions.

The re-entry application cannot be used in the following situations:

- Transient and postbaccalaureate students cannot apply for re-entry to update to degree-seeking (transfer) status. Transients and postbaccalaureate students wishing to become transfer students should complete a new application for admission, submit the appropriate application fee and all transcripts to the Office of Undergraduate Admissions. Students should refer to Section 1125 for deadlines, admission requirements and other policies related to transfer admission.
- Students that have only attended Georgia State University at the graduate level cannot apply for re-entry to enroll at the undergraduate level. Graduate students wishing to enroll at the undergraduate level should complete a new application for undergraduate admission, submit the appropriate

application fee and all transcripts to the Office of Undergraduate Admissions. Students should refer to the appropriate area of Section 1100 for deadlines, admission requirements and other policies related to transfer, transient, and postbaccalaureate admission.

Deadlines

Applications for re-entry admission and the **nonrefundable** re-entry application fee must be submitted or postmarked by the established deadlines. Applicants are encouraged to apply online at http://admissions.gsu.edu/how-do-i-apply/other-enrollment-types/re-entry-students/. Complete credentials must be received before a decision can be made. All required credentials should be submitted to the Office of Admissions no later than fifteen business days following the submission date of the re-entry application. Re-entry applications are processed in the order that they are complete and ready for a decision. Students wishing to be considered for a subsequent term must submit a reactivation form at the following website (http://admissions.gsu.edu/how-do-i-apply/other-enrollment-types/reactivation/), and any additional credentials that may be necessary by the appropriate deadline. The re-entry application is valid for 3 terms (the initial term plus 2 additional terms).

Applicants interested in early registration dates, university housing and financial aid are urged to apply and complete their applications by the early deadline dates listed below. Any re-entry application received after the regular deadline for the term indicated on the re-entry application will be processed for the next available term and the application fee will not be refunded.

To Return in	Early Deadline	Regular Deadline
Fall	February 1	July 1
Spring	October 1	December 1
Summer	February 1	April 1

Note: All deadlines are subject to change.

Admission Requirements

Degree-seeking Re-entries. Applicants who previously attended Georgia State as degree-seeking and wish to return as degree-seeking must meet the following requirements:

- Students that have attended other institution(s) since their last enrollment at Georgia State University must submit official transcripts from the institution(s). Student copies of transcripts, official transcripts opened by the student, and fax copies are **not** acceptable. Re-entry applicants must be eligible to return to their last institution of attendance for the term of desired re-enrollment at Georgia State in order to be granted admission as a re-entry student.
- Students that last attended Georgia State University in the Learning Support Program (formerly the Department of Academic Foundations and Developmental Studies), have COMPASS scores below those currently required to exit LSP, and have not fulfilled their LSP requirements must either:
    1. Retake the appropriate COMPASS tests and earn the minimum reading score currently required to exit LSP (74), the minimum writing score currently required to exit LSP (60), and the minimum math score currently required to exit LSP (37) or
    2. Complete their LSP courses at another USG institution (for example, Georgia Perimeter

College) and then reapply for re-entry.
Learning Support students are encouraged to apply by the early deadline.

- Undergraduate students re-entering on supervision or probation are required to participate in the Academic Improvement Program (see Section 1360.20).
- Students that were placed on exclusion at the conclusion of their last term at Georgia State University must submit an application for academic renewal to the University Advisement Center. Approval for academic renewal must be granted before students previously excluded can be approved to reenter the University. Students should refer to section 1360.30 for policies and procedures related to academic renewal prior to submitting an application for re-entry.

Transient Re-entries. Students wishing to apply for re-entry as a transient student must submit an official transient letter from their home institution. Unofficial transient letters, transient letters opened by the student, and fax copies are **not** acceptable. The transient letter must indicate that the student has permission to attend Georgia State University for the desired term of enrollment. Transient students must be eligible to return to their home institution for the desired term of enrollment. A new re-entry application and a new transient letter are required for each subsequent term of enrollment at Georgia State. Note: Students are only permitted to attend one spring or one fall semester as an undergraduate transient student, but unlimited summer semesters. Students seeking exception to this policy must contact the Office of Undergraduate Admissions.

Degree-seeking to Postbaccalaureate Re-entries. Previous degree-seeking students wishing to re-enroll as a postbaccalaureate student must submit a transcript from the institution awarding the baccalaureate degree. Student copies of transcripts, official transcripts opened by the student, and fax copies are **not** acceptable. For those students that were previously awarded their undergraduate degree by Georgia State University, a Georgia State University transcript is **not** needed.

Postbaccalaureate to Postbaccalaureate Re-entries. Previous postbaccalaureate students wishing to return to Georgia State University as a postbaccalaureate are not required to submit any additional transcripts.

1175 Academic Regulations that Apply to Various Admission Categories

1175.10 Transient Students

Transient students may attend for only one fall or one spring semester. However, attendance as a transient student in summer semesters is unlimited. In order to continue for an additional summer semester(s) as a transient, a student must file a re-entry form and arrange for all necessary supporting documentation to be received in the Office of Undergraduate Admissions by the established deadlines. To continue attending, transient students must be in good academic standing at Georgia State University. Transient students who wish to become transfer students must apply to the Office of Undergraduate Admissions to be admitted as a transfer student. All scholastic discipline policies and all course prerequisites are applicable to a transient student. Transcripts for courses completed at Georgia State as a transient must be requested from the Office of the Registrar to be sent to the home institution. Transient students are admitted to and register through the college or school selected on their application. If the applicant does not indicate a college, and if a transient approval has been received, placement will be determined from the courses indicated in the

letter. Transient students who seek re-entry must complete a new re-entry form for the semester that they wish to attend.

1175.20 Postbaccalaureate Students

The postbaccalaureate status is not available for students seeking teacher certification in any area other than music education and art education. Postbaccalaureates may not attend another institution as a transient student while the postbaccalaureate is a student at Georgia State University.

1175.30 International Students

International students with student visas are required to carry a full course load (12 semester hours). International students with student visas who wish to re-enter must complete a new re-entry form for the semester that they wish to attend.

1180 Undergraduate Admissions Appeals

The Assistant Vice President for Undergraduate Admissions and the Vice President for Enrollment Management and Student Success and Vice Provost are the President's designees for purposes of hearing Undergraduate Admissions Appeals.

Applicants for undergraduate admission who are denied due to academic ineligibility may appeal the denial to the Assistant Vice President for Undergraduate Admissions within twenty (20) calendar days of the date of the denial letter. The decision of the Assistant Vice President for Undergraduate Admissions is final.

Applicants for undergraduate admission who are denied for reasons related to disciplinary/criminal history or falsification of application may appeal the denial to the Vice President for Enrollment Management and Student Success and Vice Provost within twenty (20) calendar days of the date of the denial letter. The decision of the Vice President for Enrollment Management and Student Success and Vice Provost is final.

1200 Financial Information

The Office of Student Accounts, 100 Sparks Hall, sfs.gsu.edu/tuition-fees/, is responsible for assessing tuition and fees and processing payments. The Office of Student Financial Aid, 102 Sparks Hall, sfs.gsu.edu/the-financial-aid-process/ provides financial assistance to students who, without such help, would be unable to attend Georgia State University. These offices work closely together to serve students.

It is the responsibility of the student to be informed of, and to observe, all regulations and procedures regarding tuition, fees, payments, refunds and financial aid. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that he or she was not informed of it by an advisor or other authority. Verbal misinformation is not grounds for a waiver of a regulation.

1210 Tuition and Fees

Tuition and fees are set by the Board of the Regents of the University System of Georgia. They are usually approved in April or May, after this catalog has gone to press. Tuition and fees usually increase every year and are subject to change without notice. Current tuition and fee rates are available at sfs.gsu.edu/tuition-fees/. For information about resident status, see Section 1220.

Georgia State University charges other fees that are not discussed in this section. For more information about other fees see the following websites:

- Application fee – admissions.gsu.edu/how-do-i-apply/
- Graduation fee – registrar.gsu.edu/graduation/
- Late registration fee - sfs.gsu.edu/tuition-fees/
- Housing fees - myhousing.gsu.edu/rates/

1210.10 Waivers of Tuition and Fees

All requests for waivers of tuition and fees are due no later than two weeks before the end of regular registration. Requests made after that date will be considered for the subsequent semester.

Waivers of All Tuition

All tuition is waived for students who fall into one of the following categories:

- GSU-62 students who register during late registration. See section 1155.
- Employee tuition remission students who take no more than 8 hours and register during late registration.

Waivers of the Difference between Resident and Nonresident Tuition

The Board of Regents specifies that certain non-residents are granted waivers of the difference between resident and nonresident tuition. (See section 1220 for residency status rules.) These waivers are restricted

to small classes of students. For more information, see www.usg.edu/regents/policymanual/700.phtml.

In addition to the Board of Regents authorized waivers, non-resident students who are enrolled only in courses which meet more than 50 miles from Georgia State and are part of an official Georgia State off-campus study program pay in-state tuition plus $250.

To apply for a waiver of the difference between resident and nonresident tuition, go to sfs.gsu.edu/tuition-fees/tuition-classification/.

Waivers of All Fees

All fees are waived for students who fall into one of the following categories:

- GSU-62 students (see section 1155)
- Employee tuition remission students who take no more than 8 hours and register during late registration
- Joint Enrolled/Early College/ACCEL students
- US Military Reserve and Georgia National Guard Combat Veterans
- Move On When Ready students

Waivers of All but Technology Fee

Enrollment fees are reduced to only the technology fee for students who fall into the categories below.

- Students enrolled only in courses offered under a tuition agreement between Georgia State University and a corporation, organization, educational institution or other legal entity if the tuition agreement specifies that fees will be waived.
- Students enrolled only in courses which meet more than 50 miles from Georgia State University if taking those courses at that location is *required* by their program of study. Such courses may include: practicum, student teaching, internship, directed reading, independent study, thesis research, or dissertation research. If the program of study *allows* (but does not require) that the courses be taken more than 50 miles from campus, then the students will not be granted a fee waiver.
- Students enrolled only in courses that meet more than 50 miles from Georgia State University if those courses are part of an official Georgia State University off-campus study program. Such programs may include field study programs and study abroad programs.
- Students enrolled in a faculty-led study abroad program will have all fees waived, except for the Board of Regents Institution Fee and Technology Fee. For more information see the Study Abroad website: http://mystudyabroad.gsu.edu/.

All mandatory fees except the technology fee and USG Institution fee may be waived in certain cases, based on Board of Regents policy. For more information on Tuition & Fee Waivers, visit http://sfs.gsu.edu/tuition-fees/tuition-fee-waivers/.

1210.20 Payment of Tuition and Fees

Georgia State University reserves the right at any time during the semester to drop or withdraw any

student from classes for failure to pay tuition and fees. Students who cease to attend but do not formally drop their classes using PAWS at paws.gsu.edu will suffer financial and academic consequences. A student who attends a class without being formally registered or continues to attend a class after being dropped due to nonpayment will be held liable for the tuition and/or fees due plus any service fees assessed, applicable collection costs, court costs, and legal fees. A hold will be placed on the records of any student who has a financial obligation to the university. Until all financial obligations are met, a student is not permitted to register for further course work, receive grades for current course work, or access transcripts. If a student's account is sent to a collection agency, the student is responsible for the amount owed to the university as well as any collection costs and legal fees.

Payment Deadline

All tuition and fees must be paid by the dates published each semester in the online Academic/Registration calendar at registrar.gsu.edu/registration/semester-calendars-exam-schedules/. Failure to meet payment deadlines will have financial and academic consequences.

Payment by Credit Card

Georgia State University accepts Visa, MasterCard, Discover and American Express for payment of tuition and fees. Students choosing this option may register and pay fees by going to the Georgia State University PAWS student registration website at paws.gsu.edu. A service fee of 2.75% (or $3 minimum) is assessed by the payment processor for each credit card transaction. Credit card payments must be made on PAWS and are not accepted via telephone or in person at the cashier windows.

Payment by Check

Georgia State University offers the option of paying online from a bank checking or savings account. Students choosing this option may register and pay fees by going to the Georgia State University PAWS student registration website at paws.gsu.edu. No service fee is assessed when paying online via check. Checks must be payable in United States currency and drawn on a financial institution located in the United States of America. The university reserves the right to determine the acceptability of all checks.

Checks are also accepted at the cashier windows located on the first floor of Sparks Hall or placed in the drop box beside the cashier windows or may be mailed to Georgia State University, Cashier's Office, P.O. Box 4029, Atlanta, GA 30302-4029. Checks must be made payable to Georgia State University and have an encoded checking account number on the face of the check. All checks not drawn in this manner will be returned. To ensure proper credit, the student's Panther ID should be included on all checks. To avoid cancelation of classes, payment by check must be received, not post marked, by 5:00 p.m. on fee deadline dates.

If a check given in payment of a student's fees is not paid upon presentation to the banking institution, a hold is placed on the student's records. All returned checks are assessed a returned check fee of $35.00. Georgia State University reserves the right to place a student on "cash only" status for issuing a check that is not honored upon presentation to the bank.

Payment in Cash

Cash payments may be made at the Cashier's Office located on the first floor of Sparks Hall. Window hours are 8:30 a.m. to 5:15 p.m. Monday through Friday, except university holidays. It is unadvisable to send cash payments through the mail or to place them in the cashier's drop box.

1210.30 Refund of Tuition and Fees

Students who formally withdraw or who are formally withdrawn from a class or classes (see Section 1332.10) will be subject to the refund policy for tuition and other fees. This policy decreases the amount of refund available at regular intervals during the term. **Students must withdraw from all classes to be eligible for a refund.** After a time during the term, no refund will be available. Complete information about the refund policy throughout the term is available in each term's online *Registration Guide* at http://registrar.gsu.edu/registration/registration-guide/.

Placing a stop payment on a check with the banking institution from which the check is drawn does not constitute a formal withdrawal from courses. Students must withdraw using the procedures outlined in the *Registration Guide*.

A student is not entitled to any refund of tuition or fees paid if the student leaves the university when disciplinary action is pending, or does not formally withdraw from the class or classes in which he or she is enrolled, or if other restrictions apply. See the online *Registration Guide*.

Student Account refunds are paid by electronic transfer to student's Money Network enabled PantherCard, direct deposit into the student's bank account or by check mailed to the student. The refund for a student who received financial aid will be audited to determine the amounts to be returned to financial aid programs, and the student will receive any remaining balance. Students can take advantage of the PantherCard refund option (http://sfs.gsu.edu/tuition-fees/overpayment-refunds/) to receive their refund in less time than waiting for a check or direct deposit. Students who sign up for direct deposit receive their refunds faster, and in a more secure manner, than students whose refunds are mailed. Mailing addresses must be kept current by going to the Georgia State University PAWS student website at paws.gsu.edu to ensure proper mailing of refund checks.

1210.40 Housing Fees

Housing fees for each semester are due when tuition and other fees are due. The housing fees include utilities, cable television service, internet connection, and laundry rooms. University Housing offers a variety of choices from which you may select. On-Campus Housing is located in the following facilities:

- The University Loft are apartment style with kitchens and living area.
- The University Commons are apartment style with kitchens and living area.
- Greek Row are town-house units with kitchens and living area on the first level.
- Freshman Hall are suite-style units with a bathroom that connects a single room with a shared room.
- Piedmont North are traditional style residential rooms with a bathroom inside unit.

Parking at University Commons and Piedmont North is an additional fee. Please check the housing website

at myhousing.gsu.edu/ for specific rates, room type, room descriptions, and how to apply for housing. Housing fees are subject to change. For more information, contact University Housing at 250 Student Center, 404-413-1800, housing@gsu.edu.

For information regarding Lofts Tenant parking, visit Auxiliary and Support Services at http://services.gsu.edu/.

1220 Georgia Resident Status

Residents of Georgia pay lower tuition rates than those who are not residents of Georgia. Establishing residency for tuition purposes as defined by the Board of Regents is different than residency for purposes such as voting, obtaining a Georgia driver's license/tag, etc., and requires more than establishing eligibility to vote, securing a driver's license, and/or paying taxes. Georgia residency status is also distinct from the academic residency requirement for graduation. (See Section 1440.)

A person may be a Georgia resident for tuition purposes if, and only if, either one of the following two criteria are met.

Criterion 1

A person may be a Georgia resident for tuition purposes if that person, that person's parents, or (if the person is a minor) that person's court-appointed guardian meets **all** of the following conditions:

- The person has always resided in Georgia or can demonstrate that they currently reside in Georgia and residency in any other state or country has been abandoned. Maintenance of ties with another state or country will contribute to a non-resident decision including: financial support from a person who is a resident of another state or country, payment of income taxes to another state, and payment of property taxes. Registering a vehicle or securing a driver's license in that state or country may be considered.
- The person has lived in Georgia for the 12 consecutive months immediately preceding the start date for the term and their 12-month durational requirement has not included time attending any educational institution in Georgia.
- The person can demonstrate that they moved to Georgia for purposes other than attending any educational institution in the State of Georgia.
- The person can demonstrate economic self-sufficiency and has contributed to the state by paying meaningful taxes.
- The person is a U.S. citizen, Resident Alien or is in a visa status permitting indefinite or permanent residence in the United States.

Criterion 2

A person may be a Georgia resident for tuition purposes if that person meets **all** of the following conditions:

- The person is a U.S. citizen, Resident Alien or is in a visa status permitting indefinite permanent residence in the United States and

- The person can demonstrate that she or he previously held residency status in Georgia but moved from the state and returned within the last 12 months.

If a parent or legal guardian of a student is a Georgia resident and then changes his or her legal residence to another state, the student may retain his or her classification as a resident student as long as he or she remains continuously enrolled at an institution in the University System of Georgia.

Please note that these regulations are subject to change by the Board of Regents. The most current regulations can be found on the Board of Regents' website at www.usg.edu/regents/policymanual/400.phtml.

1220.10 Petitioning for Georgia Residency for Fee Payment Purposes

Prospective students and accepted applicants who have questions regarding their residence status should contact the Office of Undergraduate Admissions.

Students classified as out-of-state shall retain that status until officially reclassified as in-state. A student classified as out-of-state who can subsequently provide clear and convincing evidence that he/she meets the requirements for in-state classification can be reclassified as in-state. The burden to support the contention that he/she qualifies for in-state tuition classification under University System of Georgia policy and applicable laws always rests with the student. The petition form for Georgia tuition classification is located at http://sfs.gsu.edu/tuition-fees/tuition-classification/petition-for-georgia-tuition-classification/.

Deadlines for Petitions

To ensure timely processing, petitions and all required documents must be submitted to the Registration and Compliance department within the Office of the Registrar, 225 Sparks Hall, no later than the deadlines listed below. Final determination of Georgia tuition classification prior to the deadline date for fee payment cannot be guaranteed for petitions received after the priority date. Petitions filed after the final deadline will be considered for the subsequent semester.

Term	Priority	Final
Fall	June 1	Aug 1
Spring	Nov 1	Dec 1
Summer	Mar 1	May 30

If a petition is approved, classification will not be retroactive to prior semesters. A student wishing to appeal the decision resulting from his or her Petition for Georgia Tuition Classification may request a review of that decision by the University Committee on Residency and must submit such request in writing to the Office of the Registrar within 5 days of the decision.

1230 Financial Aid

Financial aid is any scholarship, grant, loan, or part-time employment offered for the purpose of helping a student meet their educational expenses. Aid is usually provided by federal, state, institutional or private

agencies. In order to apply, a student must complete the Free Application for Federal Student Aid (FAFSA) or the Renewal Application. Students are encouraged to apply online at www.fafsa.ed.gov.

Recipients are selected on the basis of demonstrated financial need and/or academic achievement. Information concerning application for financial assistance is available from the Office of Student Financial Aid. Application packets for the next school year are available after January 1. Students are urged to apply early for optimum financial aid benefits at www.fafsa.ed.gov. April 1 is the priority date for submission of completed financial aid applications to the Office of Student Financial Aid. The Office of Student Financial Aid cannot guarantee that applications made after April 1 will be processed before the beginning of the fall semester.

In order for a Georgia State University student to continue to receive financial aid from federal or state financial assistance programs, the student must exhibit satisfactory academic progress. Copies of Georgia State University's policy for determining satisfactory academic progress are available in the Office of Student Financial Aid and also on the Financial Aid website at http://sfs.gsu.edu/the-financial-aid-process/policies/satisfactory-academic-progress-sap/.

Some programs offering financial assistance to students are administered by offices or organizations other than the Office of Student Financial Aid. Contact information concerning a particular program or group of programs appears with each listing.

Audited, orientation, and certificate courses are not covered by financial aid. Students are not eligible to receive financial aid for a course attempted more than three times.

For more information on financial aid see http://sfs.gsu.edu/the-financial-aid-process/.

1230.10 Scholarships

A scholarship is financial assistance which does not have to be repaid and is awarded to students based on academic excellence, civic achievements, course of study, or other specific criteria developed by the sponsor. For further details about scholarships available at Georgia State University, see the website for the student's college. Additionally, students may check the reference section in the Georgia State University Library for more sources of private scholarships.

HOPE Scholarship/Zell Miller Scholarship

Students who are considered Georgia residents and are enrolled in an undergraduate degree program may be eligible for the HOPE /Zell Scholarship. The Hope award covers a percentage of tuition to be determined annually. The Zell Miller Scholarship covers 100% of tuition. There is a seven year limit from high school graduation. There is a maximum attempted hour limit of 127 total hours.

HOPE Scholarship recipients must have at least a cumulative 3.0 GPA at the end of each spring semester in order to continue their eligibility. In addition to these requirements traditional and nontraditional students must have at least a 3.0 cumulative HOPE GPA after the 30th, 60th, and 90th attempted hour. If the student does not meet the HOPE GPA requirements at 90 hours, he/she cannot regain his/her eligibility.

Zell Miller Scholarship

Students who graduated from an eligible high school in 2011 or beyond:

Must have at least a 3.7 High School GPA and a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT OR graduate as the Valedictorian or the Salutatorian from an eligible high school OR graduate from an ineligible high school with a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT AND achieve at least a 3.3 HOPE GPA at the 30 semester hour check-points in college. For more information on the HOPE/ZELL Scholarship, or to view the regulations, please contact the Georgia Student Finance Commission (GSFC): 770-294-9000 or 800-505-GSFC (4732) or www.gacollege411.org.

1230.15 Grants

Eligibility for federal student aid grants are based on high financial need. Award amounts for these grants vary but do not have to be repaid. All recipients must be in a degree-seeking program working toward a first baccalaureate degree; be a US citizen or an eligible non-citizen; be making satisfactory academic progress; cannot be in default or owe a repayment on a previous financial aid award; and must register with Selective Service if required to do so.

Pell Grant

Available almost exclusively to undergraduates; in some cases, however, you might receive a Pell Grant if you're enrolled in a post baccalaureate teacher certificate program; all eligible students will receive the Federal Pell Grant amount they qualify for.

Federal Supplemental Educational Opportunity Grant (FSEOG)

For undergraduates with exceptional financial need; priority is given to Federal Pell Grant recipients; funds depend on availability at school.

Teach Grant

The TEACH Grant Program provides grants to full-time students who plan to teach full-time in high-need subject areas at schools serving students from low income families. Students attending less than full-time will have the grant reduced.

For more on the Pell Grant, FSEOG and Teach Grant, visit http://sfs.gsu.edu/scholarships-grants/grants/.

1230.20 Student Loans

A loan is a form of financial assistance which must be repaid. While Georgia State University does not encourage borrowing, loans are frequently necessary to meet educational costs not covered by the student's income, the family's contribution, or grant and scholarship awards. When student loans are necessary, Georgia State University advises borrowing conservatively.

Undergraduate students with demonstrated financial need may borrow through the Federal Direct Subsidized Student Loan program. Independent undergraduate students may borrow additional funds through the Federal Direct Unsubsidized Student Loan program, and parents of dependent undergraduates may borrow through the Parent Loan for Undergraduate Students Loan program. The Office of Student Financial Aid will determine loan eligibility by year in school, prior indebtedness, and academic standing.

All recipients must be enrolled at least half-time in a degree seeking program, be a United States citizen or an eligible non-citizen; be making satisfactory academic progress; cannot be in default or owe a repayment on a previous financial aid award; and must register with the Selective Service if required to do so. Upon acceptance of a loan, a first-time borrower must complete entrance loan counseling at StudentLoans.gov. The student must also complete a Master Promissory Note (MPN) at StudentLoans.gov, the student is required to use the FAFSA pin to complete the MPN.

Federal Direct Loan borrowers who are leaving school, dropping below half-time enrollment, or graduating must complete exit counseling at StudentLoans.gov. Exit counseling provides you with information about repayment and your rights and responsibilities.

Perkins Loan

Federal funds are provided to the university for the purpose of making low interest, long-term loans available to students who have a need for assistance. Applicants must be United States citizens or eligible non-citizens and enrolled at least half-time. These loans bear no interest until nine months after a student graduates or drops to less than half-time enrollment for a specified length of time. A portion of the loan may be canceled for service as a teacher of handicapped children or for teaching in schools that have a special designation from the Commissioner of Education. Under special conditions, service in the Armed Forces may cancel a portion of the loan. Students who serve as law enforcement officers or corrections officers after graduation may be able to have up to 100 percent of their loan canceled. Eligible students with complete applications for student financial aid will be considered. Students must complete a master promissory note before the Perkins Loan can be disbursed.

Private Loans

Private loans, also known as alternative or commercial loans, help bridge the gap between the actual cost of education and the limited amount the government allows a student to borrow from its programs. Private loans are offered by many lending institutions. Terms and conditions can vary significantly from one institution to another.

1230.30 Student Employment Programs

Working part time while attending school is another way students may help pay for college expenses such as tuition, books, transportation, and meals. It can also provide valuable experience for resumes.

Federal Work-Study and Panther Work Program

The purpose of the Federal Work-Study and the Panther Work Program is to provide jobs for students

who need financial aid. Applicants must demonstrate need. Eligible students will be placed in offices on campus. Eligible students with complete applications for student financial aid will be considered.

Students may apply for part-time or full-time employment on campus while pursuing their academic programs. Temporary and regular classified staff positions are posted on the bulletin board in the Employment Office of Human Resources. A listing of employment opportunities is also available at jobs.gsu.edu. For further information, contact the Office Employment, 340 One Park Place, 404-413-3270 or jobs@gsu.edu. Students may also use Panther Career Net (career.gsu.edu) to search on-campus student employee positions.

Off-campus Employment

University Career Services offers career services to students from freshman year through one year after graduation. Students may also use Panther Career Net (career.gsu.edu) to search off-campus student employee positions. For additional information, see section 1536.

1230.40 Other Sources of Financial Assistance

Veterans Benefits

The Office of the Registrar offers services to certify and assist students who are eligible for veterans educational benefits. Any veteran who wishes to attend Georgia State University under any of the veterans educational benefit programs provided by public law must apply to the Georgia State University Office of Admissions in the normal manner. It is advisable for a veteran who has not previously used any educational benefits to apply to the Department of Veterans Affairs for those benefits. For a veteran who will be transferring to Georgia State University from another institution where educational benefits were received, a veteran must submit a *Request for Change of Program or Place of Training* form (VA Form 22-1995 for veterans and VA Form 22-5495 for family members) with the Department of Veterans Affairs concurrently with his or her application to Georgia State. As soon as the Georgia State University Office of Undergraduate Admissions notifies the applicant of his or her acceptance, the applicant should contact the Office of the Registrar at veterans.gsu.edu.

Continuing students who wish to receive benefits must complete the Online Veterans' Enrollment Verification Form, located at veterans.gsu.edu, each academic term. Students are certified on a term-by-term basis. Students whose attendance was interrupted must renew their certifications at the beginning of the next academic term of attendance in which they wish to receive benefits. Those students who are certified on a term by term basis will routinely experience a break in benefit payments between academic terms and should contact the Veterans Administration Regional Office to determine the amount and schedule of their benefit payments at www.gibill.va.gov.

Yellow Ribbon Program

In support of our nation's Veterans Georgia State University participates in the Yellow Ribbon Program, providing additional assistance to cover out-of-state tuition and mandatory fees that are currently not covered by the Post-911 GI Bill.

Program Details

- Georgia State University contributes 50 percent toward out-of-state tuition charges for those eligible and the Department of Veteran Affairs matches Georgia State's scholarship contribution. The program funding is only applied toward tuition and mandatory fees. It does not cover books, housing, and other student expenditures.

- Scholarships are awarded to 30 students on a first come, first serve basis. This means that after the initial application is approved, as long as the student remains continuously enrolled in a program of study at Georgia State and the University remains a participating institution, the student will be guaranteed to receive this scholarship. If continuous enrollment is not maintained, the student is required to re-apply for the program. If all scholarships have been awarded, a waiting list will be maintained. As scholarships become available, students placed on a waiting list will be honored first.

Eligibility Requirements

Non-active Service Member receiving Post 9/11 Educational Benefits at the 100 percent eligibility rate.

-or-

A dependent eligible for Transfer of Entitlement under the Post 9/11 GI Bill based on a Non-active Service Member's service under the eligibility criteria listed above.

How to Apply for the Yellow Ribbon Program:

1. Veterans and their dependents interested in applying for this program should initiate an application through the Military Outreach Center, Office of the Registrar, 234 Sparks Hall.
2. Students must complete a Georgia State University's Yellow Ribbon Application.
3. A Certificate of Eligibility Letter from the Department of Veterans Affairs must be submitted with the Yellow Ribbon Application.

For more information regarding the Yellow Ribbon Program, contact the Military Outreach Center, Office of the Registrar, vetstudentservices@gsu.edu

Vocational Rehabilitation

Certain physically or mentally disabled individuals enrolled at Georgia State University may qualify to receive financial aid through the State Vocational Rehabilitation Program. Students who think they may qualify under this program should contact one of the area vocational rehabilitation centers.

1230.50 International Students, Students with Non-U.S. Academic Credentials, and Non-Native Speakers of English

International Students

Only United States citizens or eligible non-citizens may receive federal financial aid or State of Georgia financial aid. Permanent residents, asylees, and refugees are eligible non-citizens. Holders of A, B, E, F, G, H, I, J, K, L or M visas are not eligible non-citizens.

An individual who has applied for permanent resident status is not eligible until that status is approved. An individual may have resident status in the State of Georgia but not be considered a United States citizen or eligible non-citizen. An individual is not eligible on the basis of the status of family members, for example a parent or a spouse.

All students that are not confirmed as U.S. citizens or eligible non-citizens by United States Citizenship and Immigration Services (CIS) on their initial application for financial aid are required to submit appropriate documentation to the Office of Financial Aid. The Office of Financial Aid is required to submit this documentation to CIS for secondary confirmation. Until secondary confirmation is received, an individual cannot be approved to receive financial aid.

Students with Non-United States Academic Credentials

There are no special financial aid rules for students with non-United States academic credentials.

Non-Native Speakers of English

There are no special financial aid rules for students who are non-native speakers of English.

1240 Scholarships and Awards Offered Through a College or Department

Some of the assistance opportunities listed in the following sections may be scholarships that require an application from the student, while others are awards that do not require application from the student. For questions concerning a particular program, please call the department, school, or college listed.

Scholarships for Students with Disabilities

The Margaret A. Staton Office of Disability Services administers scholarships which are available to students with disabilities. Please call the Office of Disability Services at 404-413-1560 for more information on these scholarships.

1240.10 Andrew Young School of Policy Studies Scholarships

For more information about these scholarships, contact the Office of Academic Assistance at 404-413-0021.

- **Andrew Young School Undergraduate Scholarship:** This scholarship was established to provide financial assistance to outstanding leaders and scholars in the Andrew Young School of Policy Studies (AYSPS). Awards of up to $2,000 will be made based on academic merit, leadership and need to undergraduate students enrolled in AYSPS degree programs.
- **Bobby Joe Chancey Sr. Memorial Scholarship:** This scholarship was established by the Camden County (Georgia) Sheriff's Office in honor of Mr. Bobby Joe Chancey Sr. who had a long and

distinguished career in law enforcement. Preference is given to a full-time criminal justice student planning a career in law enforcement that is entering the sophomore or junior year and is considered to be "at risk" and to have a financial need. Preference is also given to applicants who are or have been residents of Camden County or nearby counties. The recipient of this scholarship may continue to receive it each year until graduation as long as s/he remains in good academic standing.

- **Robert Hinrichs Memorial Scholarship:** Created in honor of Robert Hinrichs, an administrator with the Social Security Administration Office, this is the highest academic award/honor the School of Social Work gives to an M.S.W. student.
- **Chris Perrin Memorial Scholarship:** This award was established by the Georgia Council of Juvenile Court Judges in honor of Chris Perrin, a long-time advocate for children, executive director of the council and an alumnus of Georgia State University. This award, shared by the Department of Criminal Justice & Criminology and the School of Social Work, is given annually to one social work and criminal justice student.
- **Jean Childs Young Scholarship:** This scholarship was established in 2005 by Charles Loudermilk Sr. to provide financial support for AYSPS graduate students in honor of Ambassador Young's deceased wife, Jean Childs Young. The fellowship may be used for tuition, books, room, board and other associated expenses incurred by graduate students.
- **James L Maddex, Jr. Scholarship:** This scholarship was established in honor of Dr. James L. Maddex, Jr., Professor Emeritus of Criminal Justice, who retired in 2000. The merit-based scholarship is awarded to an undergraduate or graduate criminal justice student.
- **Nance Lu Mescon Scholarship:** This scholarship was established by Dr. Michael and Mrs. Enid Mescon to honor the memory of their beloved daughter, who passed away in 2011 after a long battle with anorexia. With this scholarship, the Mescon family seeks to raise awareness and stimulate scholarship around the issues relating to eating disorders. The scholarship provides financial support for undergraduate students, and preference will be given to qualified applicants currently enrolled at the Andrew Young School of Policy Studies.

Awards are contingent on final clearance by the Office of Student Financial Aid. Any student receiving aid under any federal financial aid program is limited by the student's "estimated cost of attendance" as to the total amount of aid that may be received. This applies to aid from all sources, public and private. You will find this information in your aid letter from the financial aid office or online in your financial aid record in PAWS.

1240.20 College of Arts and Sciences Undergraduate Scholarships

For more information about these scholarships, contact the Dean's office at 404-413-5114.

College of Arts & Sciences

- **Cooley Scholarship in the Sciences:** This award is presented to high-achieving students who demonstrate financial need and have declared their major in the natural sciences. The student must be majoring in biology, physics and astronomy, chemistry, or geosciences and demonstrate outstanding academic performance.
- **Dr. Cleon C. Arrington Scholarship in the Sciences:** Awarded to a full-time undergraduate student with a minimum 3.0 grade-point average and demonstrated financial need. Must be majoring in science, math, or one of the other STEM fields and have been enrolled for at least one

semester at the University. Preference given to students from underrepresented groups, preferably African American students.

- **Goodale Family Scholarship in International Study:** This award provides scholarship funds for high achieving students in the International Studies Program. The student may be either undergraduate or graduate who is traveling to do research or study in a country the student has not yet visited. Preference given to those students who have not had a previous opportunity to travel abroad.
- **Roberta Gose Kelley Undergraduate Scholarship in Arts and Sciences:** The scholarship was established in memory of, and to honor Roberta Gose Kelley and her commitment and dedication to public education in the state of Georgia. Ms. Kelley was president of the PTA at Garden Hills Elementary School and was always active in PTA and the schools as a parent and member of the community. The scholarship is created by her husband, Jim Kelley. This scholarship should be available to an undergraduate student(s) at the junior or senior level with demonstrated financial need. Applicants should be in good academic standing with the university and may be pursuing any degree in the College of Arts and Sciences.
- **The Lee Project Endowed Scholarship:** The scholarship provide support to students in good academic standing enrolled in the College of Arts and Sciences. Recipients must be graduates of a Georgia public high school with strong preference given to those who graduated from Grady High School in Atlanta, Georgia.

Anthropology

- **Jeremy Gillen Memorial Scholarship in Anthropology:** Recognizes a senior major who shows strong potential in the field of anthropology, in memory of Mr. Gillen's enthusiasm for anthropology.
- **Robert L. Blakely Endowed Scholarship in Anthropology:** Recognizes an anthropology senior who shows strong potential in the field of anthropology, in memory of Dr. Blakely's contribution to anthropological education.
- **Applied Linguistics & English as a Second Language**
- **Applied Linguistics/ESL Scholarship:** This scholarship award is given to students in good standing in undergraduate or graduate programs in the department.
- **Ernest G. Welch School of Art & Design**
- **Andrew M. West Memorial Art Scholarship:** Awarded to a student who shows exceptional talent in one or more areas of art and design. Recipients are selected by the entire Ernest G. Welch School of Art and Design faculty. This fund was established in memory of Andrew West, an exceptional student in the school of Art and Design who passed away in his final semester at Georgia State.
- **Dean E. Dryer Endowment:** Awarded to an exceptional undergraduate or graduate student within the school who has a grade-point average of 3.0 or higher and exhibits financial need. This fund also provides annual operating support for the purchase of library books in art and design.
- **Ernest G. Welch Undergraduate Photography Award:** This award is presented annually to an undergraduate photography student who has consistently demonstrated outstanding dedication to his or her artwork. The award recognizes the excellence of the student's work and the promise of continuing distinguished work in the discipline.
- **Jones Art Education Scholarship:** Recognizes a student in the Ernest G. Welch School of Art and Design who exhibits exceptional leadership and professional potential in the field of art education. Recipients are selected by the Ernest G. Welch School of Art and Design art education

faculty.

- **Joseph Perrin Award:** Given to an art student whose artwork and professional potential are meritorious. Recipients are selected by the entire Ernest G. Welch School of Art and Design faculty. This award was created in honor of Mr. Perrin, Professor Emeritus and former Department Chairman, for his considerable contributions to the development of the visual arts program at Georgia State.
- **Marion Bowen Davis Memorial Scholarship:** Presented annually to one or more female students who are enrolled in the Ernest G. Welch School of Art and Design and who are majoring in painting or in a major where fabric/fibers or wearable objects are aligned with the fashion field. Recipients are selected by the Ernest G. Welch School of Art and Design textile and drawing and painting faculty.
- **Mark Phillips Scholarship in Art and Design:** Awarded annually to a talented undergraduate student majoring in a program in the Welch School of Art and Design.
- **Nancy Goyer Scholarship:** This scholarship was created in the memory of Nancy Goyer, a former student of drawing, painting, and printmaking in the School of Art and Design. The recipients of the scholarship are undergraduate women who study drawing, painting, and printmaking, and who exhibit great ability, promise, and passion for their work.
- **Susan Babush Memorial Scholarship:** Established in memory of Susan Babush, a graphic design student in the Ernest G. Welch School of Art and Design. The award is granted on the basis of artistic ability and financial need. Preference is given to students of graphic design. Recipients are selected by the Ernest G. Welch School of Art and Design graphic design faculty.
- **Vera Jernigan Green Memorial Art Award:** Given to an art student with a major concentration in painting, who is in good academic standing and has completed at least one semester of his or her junior year. The award recognizes the most promising student in this concentration and is based totally on merit. Recipients are selected by the Ernest G. Welch School of Art and Design drawing and painting faculty.

Biology

- **William G. Nolan Memorial Scholarship Award:** Awarded to outstanding undergraduate students who excel in academic achievement (based on grade-point average, intellectual inquisitiveness, and research activities) and who show leadership and good citizenship at Georgia State University and in other communities. This fund was created in memory of former Associate Professor of Biology William G. Nolan.

Communication

- **George R. and Frances T. Greiff Scholarship/Fellowship:** Awarded annually to a journalism undergraduate or graduate student in honor of George Greiff, a former journalism professor at Georgia State University.
- **Eleanor McEdwards International Opportunity Scholarship:** This scholarship provides support for journalism, public relations, or communication students participating in study abroad programs. Students must be in good standing and have a grade-point average of 3.0 or higher to be eligible for the award. The scholarship was established by Dr. Colleen McEdwards and Scott Burnside in honor of her mother, Eleanor McEdwards, who was dedicated to creating and promoting opportunities for international travel and study among young people. Because of Eleanor's dedication, Dr. McEdwards was able to participate in study abroad programs throughout

the former Soviet Union, and then went on to become an anchor and correspondent for CNN International.

- **Lawrence J. Rifkind Scholarship in Speech Communication:** This scholarship was created to honor Dr. Rifkind and the positive difference that he has made in the lives of students. Awards from the scholarship provide financial support to select students majoring in Speech Communication, Dr. Rifkind's academic area of specialization.
- **Mildred W. Seydel Scholarship:** Awarded to journalism students on the basis of scholarship, dedication to the profession, and leadership qualities. This scholarship was established by the family of the late Mildred W. Seydel, an outstanding journalist, civic leader, author, and feminist.
- **Scott-Norcostco Theater Scholarship:** Established through the generous gifts of Norcostco Inc., the Scott-Norcostco Foundation, and the Scott family. Awarded annually to an outstanding student in technical theater.
- **Terry F. Barker Memorial Scholarship:** Established by friends to honor the memory of Terry Barker, a former journalism student and sports writer for the Gwinnett Daily News. Awarded to an outstanding journalism major specializing in news writing.
- **Tom McCollister Memorial Scholarship in Journalism:** provides a merit-based scholarship to a student who has earned high academic standing and is majoring in journalism, with a demonstrated interest in sports journalism.
- **TRISPRO Scholarship:** Awarded to an outstanding student in theater or music. This scholarship was established by the players, singers, musicians, spouses, and friends of TRISPRO Inc.
- **Vicki York Fair Scholarship:** Awarded to a junior or senior journalism major with an emphasis in public relations who has demonstrated a commitment to professionalism, high ethical standards, devotion to the profession of public relations, and outstanding academic achievement. This fund was established to honor the memory of Vicki York Fair, who was a public relations specialist for the Georgia Board of Regents.
- **WGCL-TV/Leigh Green Memorial Journalism Scholarship:** Awarded annually to an outstanding junior or senior in broadcast journalism. This scholarship fund was established in honor of the late journalist Leigh Green by family, friends, and co-workers at WGCL-TV, where he worked for almost half of his career.

English

- **Eleanor M. Pratt Endowment for English Majors Award:** Given to an exceptional student for whom the study of writing or literature has made a significant impact. This fund was created to honor the legacy of Eleanor Mary Pratt, who had a deep spiritual faith and a love of literature, the English language, and the fine arts.
- **Scholarship Endowment in Creative Writing:** Awarded to an exceptional applicant to the fiction writing program upon his or her enrollment at Georgia State University. This fund was created to provide financial support for deserving students studying creative writing.

Geosciences

- **David E. Ogren Memorial Endowed Scholarship:** Given to an undergraduate student for outstanding service to the Department of Geosciences. This fund was created to honor the memory of David E. Ogren, Professor Emeritus, Geology.
- **Ernest Fritz Memorial Field Camp Endowment:** Provides annual scholarships to students who are enrolled in the summer field camp course that are in good academic standing.

Gerontology

- **Mary M. MacKinnon Endowed Scholarship in Gerontology:** Scholarship for undergraduate and graduate students who demonstrate great passion for hands-on work with the aging community. Students must be in good standing and have a grade-point average of 2.5 or higher to be considered for the award. This fund was created by family and friends to honor Mary M. MacKinnon, one of the founders of the graduate studies program in Gerontology.

History

- **Henry Thompson Malone Memorial Scholarship in History:** Awarded to a meritorious history major with an overall grade-point average of 3.0 or higher. Preference is given to students with research interests in colonial America, nineteenth-century United States, Native American, or Georgia history. This scholarship was created by Ms. Alice Young to honor the memory of her husband Henry Malone, a history professor and administrator at Georgia State.
- **Jenny Thurston Fellowship and Award in Heritage Preservation:** Annual award and internship, with the Atlanta Urban Design Commission, for an outstanding historic preservationist in Atlanta.
- **Robert W. Sellen Scholarship In History:** Awarded to a qualified freshman, sophomore, or rising junior with a declared major in history and with an overall grade-point average of 3.0 or higher. This fund was created to honor the memory of Robert W. Sellen, a history professor at Georgia State.

Mathematics & Statistics

- **Fred Massey Endowed Scholarship:** This scholarship was created to honor Dr. Fred Massey, professor emeritus and former chair of the Department of Mathematics and Computer Science.

Music

- **Lucile Allen Memorial Scholarship:** Awarded annually to an undergraduate student majoring in theory or composition who embodies a high standard of excellence.
- **Bobbie Bailey Music Industry Scholarship:** Awarded to a student majoring in music industry who demonstrates academic achievement in a music industry concentration in the School of Music. Established in conjunction with the Atlanta Chapter of the National Academy of Recording Arts and Sciences.
- **Alfredo Barili Scholarship:** Awarded to students majoring in music who demonstrate exceptional talent on a string instrument. This scholarship was established in 1996 by Dr. Cherry Emerson to honor Atlanta music pioneer Alfredo Barili.
- **Haskell and Mabel Boyter Choral Scholarship:** Awarded annually to an outstanding junior or senior who shows outstanding achievement and leadership in choral music.
- **Thomas M. Brumby Scholarship:** Given annually to an outstanding junior or senior student majoring in music with a concentration in piano or organ. This award was created to honor the memory of Thomas M. Brumby, the prime builder of the School of Music at Georgia State.
- **John Demos Memorial Scholarship:** Awarded to a music student enrolled as a junior or senior, or to an incoming transfer student at the sophomore level or higher, who shows exceptional talent on a woodwind instrument and serves the School of Music by performing in two or more instrumental

ensembles. A 3.0 grade-point average is required.

- **William G. Densmore Vocal Scholarship:** Awarded annually to provide scholarships to operatic voice students enrolled in the School of Music who demonstrate exceptional vocal talent and a desire for an operatic career.
- **Robert Farrington Clayton, Jr., Memorial Scholarship:** This scholarship provides financial assistance to exceptional full-time music students who excel academically, exhibit financial need, and possess strong personal moral character. The scholarship was created to honor the memory of a former student, Robert Farrington Clayton, Jr.
- **Bradford and Patricia Ferrer Scholarship in Music:** Awarded to exceptional undergraduate students who are enrolled in the School of Music.
- **Donald S. Gingrich Scholarship in Music Education:** Awarded to a senior or graduate student majoring in Music Education who demonstrates high academic achievement with a grade point average of 3.0 or better and a commitment to music education. The award was established in 2006 by Donald S. Gingrich, a retired music education professor in the Georgia State University School of Music.
- **Charles and Rosemary Hall Choral Music Scholarship:** This scholarship provides support for meritorious choral students in the School of Music at the junior, senior, or graduate level. Students must be in good standing with a 3.0 or higher grade-point average and demonstrate exceptional vocal talent. Mr. and Mrs. Hall established the scholarship as an expression of the Hall family's dedication to choral music and in continued support of the School of Music.
- **Peter Harrower Scholarship in Voice:** Awarded annually to a student majoring in music who has demonstrated exceptional voice talent and outstanding academic achievement. This scholarship fund was established in 1988 through gifts from the Harrower family and friends.
- **Haywood Family Scholarship:** This scholarship provides support for undergraduates in the School of Music. Students considered for the award must be an undergraduate music major in good standing. Mr. Gene T. Haywood established this scholarship endowment as an expression of his passion for music and his desire to help others.
- **Duane L. and Drada P. Hoover Endowed Choral Scholarship:** A scholarship awarded to the School of Music's most talented and deserving choral students. This fund was created by Duane L. and Drada P. Hoover to support these outstanding students, as well as to support performances and touring activities for the chorus.
- **Florence Kopleff Vocal Scholarship:** Awarded to a student majoring in music who has demonstrated exceptional talent as a vocalist. This scholarship was established in 1998 by Miss Kopleff and friends.
- **Bill Lowery Endowed Scholarship:** This scholarship is awarded annually to an outstanding student in the music industry program of the School of Music. Among the criteria for selection are academic excellence and service to the recording industry. The fund for the scholarship was established by friends of Bill Lowery. Mr. Lowery is one of the music industry's most outstanding music publishers and a founder of Georgia State's commercial music program.
- **Montgomery Music Scholarship:** Provides scholarships for students of the School of Music. This fund was established in 1985 by Mr. and Mrs. Arthur Montgomery.
- **Gerschefski/ Reader Violoncello Scholarship:** Awarded annually to a student majoring in music who demonstrates exceptional talent on the cello. This scholarship was originally established in 1999 by Martha Gerschefski and friends, in honor of her parents, Ina and Edwin Gerschefski. The award was recently re-named to also honor the memory of a former student, David Reader, who had graduated with a Master of Music in cello performance.
- **John Schneider Memorial Scholarship:** Awarded annually to a student majoring in music who

has demonstrated exceptional keyboard talent and outstanding academic achievement. This scholarship fund was established in 1988 through gifts from Georgia State music faculty and friends.

- **Helen Riley Smith Voice Scholarship:** Awarded annually to a student majoring in music who has demonstrated exceptional vocal talent and outstanding academic achievement. The scholarship fund was established by the Smith family and friends.
- **Aileen and Chris Valianos Music Scholarship Fund:** This scholarship provides support to undergraduates enrolled in the School of Music. Students considered for the award must be in good standing, have a demonstrated commitment to excellence, and display potential to be a meritorious student or emerging school in their musical field of study.
- **Sam Wallace Memorial Scholarship:** Awarded annually to students in the music industry program of the School of Music. The criteria for selection are financial need and outstanding scholastic achievement. Music industry friends of the late Sam Wallace, an outstanding music industry executive and citizen of Atlanta, established this scholarship.
- **Steve Winick Memorial Scholarship:** Given to an outstanding junior or senior student who demonstrates exceptional talent on a brass instrument and performs in two or more instrumental ensembles within the School of Music.
- **Charles T. Wurm Scholarship:** A scholarship awarded to a student majoring in music who has outstanding musical ability and whose talents meet the current needs of the School of Music. Established in 1985, this scholarship is endowed by a gift to the Georgia State University Foundation from Mr. and Mrs. Thomas G. Cousins in memory of his grandfather, Charles Thomas Wurm, who was a conductor and music educator.

Philosophy

- **Arlene and Alvin Altman Endowment in Philosophy:** Provides scholarships to students who achieve at the highest scholastic level in the Philosophy department.
- **Orbun Troy Moore III Undergraduate Ethics Essay Contest Award:** Given annually to the undergraduate student who submits the best essay to the Jean Beer Blumenfeld Center for Ethics essay contest. The award was established with the generous support of Katherine B. Moore in loving memory of her son.

Physics & Astronomy

- **Robert H. Hankla Endowment Award:** This scholarship award provides support for senior undergraduate students majoring in Physics. Students considered for the award must be outstanding undergraduate students who are eligible to graduate during the academic year in which the award is given. The scholarship was created by the family of Robert H. Hankla in his honor. Dr. Hankla was an associate professor in the Department of Physic and Astronomy for 30 years, and assistant dean and director of graduate studies in the College of Arts and Sciences for 10 years.

Psychology

- **Theresa Nash Bernstein Scholarship in International Travel:** Dr. Lauren B. Adamson and her husband, Dr. Walter L. Adamson, established this scholarship for high achieving students who have not had the opportunity to travel abroad for study purposes. The scholarship was established in honor of Dr. Lauren Adamson's mother, Teresa Nash Bernstein, a teacher, artist, and world

traveler.

- **Elizabeth A. Kenny Scholarship:** Elizabeth Kenny (B.S., Psychology, 1999) and her husband Michael, a partner at the law firm Alston and Bird, established this scholarship to reward a rising junior or senior psychology major who demonstrates outstanding academic performance as well as focused intent to pursue further studies and a career in psychology.

Sociology

- **Margaret L. Andersen Scholarship:** Awarded annually to an outstanding undergraduate or graduate Sociology student. This endowment was created by Dr. Margaret Andersen (B.A. Sociology, 1970) and her husband, Richard Rosenfeld.

Women's, Gender & Sexuality Studies

- **Martha Wren Gaines Research Fellowship:** Research support awarded annually to a student who pursues a research project in the Georgia Women's Movement Archives.

1240.30 HOPE Scholarship/Zell Miller Scholarship

Students who are considered Georgia residents and are enrolled in an undergraduate degree program may be eligible for the HOPE /Zell Scholarship. The Hope award covers a percentage of tuition to be determined annually. The Zell Miller Scholarship covers 100% of tuition. There is a seven year limit from high school graduation. There is a maximum attempted hour limit of 127 total hours.

HOPE Scholarship recipients must have at least a cumulative 3.0 GPA at the end of each spring semester in order to continue their eligibility. In addition to these requirements traditional and nontraditional students must have a 3.0 cumulative HOPE GPA after the 30th, 60th, and 90th attempted hour. If the student does not meet the HOPE GPA requirements at 90 hours, he/she cannot regain his/her eligibility.

Zell Miller Scholarship

Students who graduated from an eligible high school in 2011 or beyond:

Must have at least a 3.7 High School GPA and a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT OR graduate as the Valedictorian or the Salutatorian from an eligible high school OR graduate from an ineligible high school with a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT AND achieve at least a 3.3 HOPE GPA at the 30 semester hour check-point in college. For more information on the HOPE/ZELL Scholarship, or to view the regulations, please contact the Georgia Student Finance Commission (GSFC): 770-294-9000 or 800-505-GSFC (4732) or www.gacollege411.org.

Students who first entered college in 2007 or beyond:

Must have at least a 3.7 HOPE GPA and a 1200 on the Math and Reading portions of the SAT or a 26 composite on the ACT or having graduated as the Valedictorian or the Salutatorian from an eligible high school AND must have had at least a 3.3 post secondary HOPE GPA at the most recent check-point in

college. For more information on the HOPE/ZELL Scholarship, or to view the regulations, please contact the Georgia Student Finance Commission (GSFC): 770-294-9000 or 800-505-GSFC (4732) or www.gacollege411.org.

1240.40 Army Reserve Officers Training Corps Scholarships

The ROTC Program provides two and three-year scholarships to Georgia State University students on a competitive basis. The scholarships pay tuition and fees, a book allowance, and a monthly stipend for a 20- or 30-month period. A student need not be enrolled in ROTC to apply for these scholarships. For further information contact the Military Science Department, 202 Courtland Building, call 404/413-6489 or visit armyrotc.com/edu/gastate/index.htm.

1240.50 College of Education and Human Development Scholarships

- **College of Education and Human Development Scholarship:** Two scholarships are awarded each fall and each spring to one undergraduate and one graduate student in the College of Education and Human Development. Applications are available from the Office of Academic Assistance and Graduate Admissions, 300 College of Education Building, 404-413-8000. Application deadlines are October 1 and March 1.
- **Paul Douglas Congressional Teacher Scholarship:** Administered by the Georgia Student Finance Commission for the purpose of encouraging teaching careers at the preschool, elementary, or secondary school level. Priority consideration is given to students in the critical teaching fields. Georgia residents who graduated in the top 10 percent of their high school class and are planning to teach upon graduation should contact the Georgia Student Finance Authority at **770-724-9000**.
- **The Margaret Jones Scholarship:** Awarded annually to an undergraduate or graduate student who is either preparing to teach or is currently teaching health and physical education at the elementary or middle school level. An undergraduate grade point average of 3.0 is required. Application forms may be obtained from the Department of Kinesiology and Health (404-413-8050) at the beginning of spring term.
- More information for scholarships in the College of Education and Human Development can be found at http://education.gsu.edu/student-services/scholarships-fellowships/.

1240.60 Byrdine F Lewis School of Nursing and Health Professions Scholarships

For more information about these scholarships, contact the Office of Academic Assistance at 404/413-1000 unless otherwise noted.

- **Lettie Pate Whitehead Scholarship**: Awarded to students enrolled in the Nursing, Nutrition and Respiratory Programs in the Byrdine F Lewis School of Nursing and Health Professions. Recipients are selected on the basis of need, scholastic ability and residency in one of the nine Southern states. Applicants can obtain additional information from the Office of the Dean, Nursing and Health Professions.
- **James Ancil Lewis Award:** This award is given annually in memory of Jim Lewis, a 1973 graduate of the respiratory therapy program. The scholarship award recognizes the respiratory therapy

student who shows concern for others in the clinical care of patients.

- **Merle Kennon Lott Scholarships:** These annual nursing scholarships provide funding for one returning RN-BS student and one MS or RN-MS student in the amount of $1500 for each student. There is also a $1000 dissertation award to a doctoral nursing student engaged in research that contributes to the body of Public Health Nursing knowledge. RN-BS and MS students must have worked in Public Health and have plans to continue their career in Public Health. For the dissertation award, the candidate must show how the outcome of their research will add to the body of Public Health/Primary Care Nursing knowledge. Eligibility requirements may be obtained from the Office of Records and Information in the School of Nursing.
- **Barbara Haltiwanger Scholarship**: To provide scholarships to students enrolled in the Byrdine F. Lewis School of Nursing baccalaureate program. Recipients must have a minimum GSU program GPA of 3.0 and a commitment to the nursing profession through community based activity. Financial need will be taken into consideration.
- **Byrdine F. Lewis Clinical Practice Scholarship**:To provide scholarships for qualified traditional and accelerated nursing students. Students must be enrolled in the Byrdine F. Lewis School of Nursing baccalaureate program, have a GSU program GPA of 3.0 or higher, and be committed to clinical practice in a hospital setting. Financial need will be taken into consideration.
- **Cennette Fisher Jackson Scholarship**: To provide scholarship funds for undergraduate students studying Nursing who have demonstrated financial need. Recipients must have a GSU program GPA of 3.0 or higher.
- **Kaiser Permanente Nursing Scholarship**: To provide scholarships to undergraduate students enrolled in a Nursing degree program with a minimum GSU program GPA of 3.0 and documented financial need.
- **Maymi Walker Chandler Memorial Scholarship**: To provide scholarships to female GSU students who are legal residents of Georgia. Students in the School of Nursing will be considered first, but the scholarships may be awarded to students in any program in the Byrdine F. Lewis School of Nursing and Health Professions.
- **Nutrition and Dietetics Scholarship**:To provide scholarships for undergraduate students majoring in Nutrition. Students must have a 3.0 GPA to be eligible.
- **Pediatria Healthcare Endowed Nursing Scholarship**: To provide scholarships to Georgia State University undergraduate and graduate nursing students enrolled in the Byrdine F. Lewis School of Nursing. Students must have a GSU program GPA of 3.0 or higher, and be presently studying or will be studying pediatric nursing at the time of the awarding of the scholarship. Financial need will be taken into consideration.
- **The Daniel J. Sansone Memorial Scholarship**: To provide scholarships for undergraduate students majoring in Nursing or Respiratory Therapy with preference given to those interested in pediatrics.

1240.70 J. Mack Robinson College of Business Scholarships

For more information about these assistance opportunities, contact the department or school that offers the scholarship or award. Phone numbers and locations for all RCB departments are listed in the RCB chapter of this catalog.

- **ACE Charitable Foundation Scholarships:** Up to $5,000 awarded to undergraduate or graduate students enrolled in any academic program offered by the Risk Management and

Insurance Department. Selection is based on scholarship and need. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.

- **The American Hotel & Lodging Association Scholarships:** The AH&LA administers several scholarships for hospitality majors including the Hyatt Hotels Fund for Minority Lodging Management Studies and the Arthur Packard Memorial Scholarship. These scholarships, awarded through a national competition, are based on academic performance, industry work experience, extracurricular involvement and career objectives. Applications are submitted through the School of Hospitality.
- **Atlanta Air Cargo Association/Marv Gordon Memorial Scholarship:** This scholarship is for Robinson College of Business students interested in studying abroad. Applicants must be Georgia residents, in good academic standing and have a cumulative GPA of 3.0 or higher. Students must have an expressed interest in international business.
- **The Atlanta Concierge Society Kevin Roach Memorial Scholarship:** This scholarship was initiated by the Atlanta Concierge Society in memory of Kevin Roach, a well respected member of the hotel concierge community. It is awarded to a student majoring in hospitality with selection also based on academic achievement, work experience and industry involvement.
- **Robert W. Batten Actuarial Science Award:** Robert W. Batten served as director of Georgia State's Actuarial Science Program for 25 years. The Department of Risk Management and Insurance presents this award annually to the outstanding student in actuarial mathematics.
- **AON Corporation.** Up to $5,000 is awarded to undergraduate or graduate students enrolled in any academic program offered by the Risk Management and Insurance Department. Selection is based on scholarship and need. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Assurant Group Scholarship.** Assurant Group sponsors 1-2 annual $2,500 scholarships. The award is given to an RCB junior or senior student majoring in risk management and insurance or actuarial science. Selection is based on merit and residence in one of the locales Assurant does business. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **The Martin Sherry Scholarship of the Atlanta Broadcast Advertising Club (ABAC),** is presented to an exceptional student in advertising in the Marketing Department of the Robinson College of Business at Georgia State University. The criteria include scholarship, interest and talent in the field, leadership, and character. Ideally, the student should have completed the advertising sequence of courses. The recipient is chosen by the faculty members who teach the advertising courses.
- **Atlanta Association of Health Underwriters Scholarship.** An annual scholarship of up to $1,000 available to full-time juniors or seniors majoring in risk management and insurance or actuarial science. Candidates must have a minimum 3.0 GPA, at least 15 hours completed at GSU, and a completed internship. Selection is based on leadership ability, financial need, and an interest in pursuing a career in the life and health insurance industry. Candidates should apply to the Scholarship /Fellowship Committee of the Department of Risk Management and Insurance by May 1.
- **Atlanta Chapter, CPCU**: Up to $1,000 is awarded to undergraduate or graduate students enrolled in an insurance related field of study. Selection is based on scholarship and need.

Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.

- **Atlanta Chapter, Risk and Insurance Management Society:** The Atlanta Chapter of RIMS provides multiple scholarships annually to be awarded to undergraduate students with an interest in risk management and insurance. Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Atlanta Claims Association Scholarship:** Up to $2,500 is awarded to an undergraduate or graduate student who exhibits an interest in the claims function or who majors in risk management and insurance. Selection is made on the basis of scholarship, past accomplishments and potential for growth. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by May 1.
- **Sam Baig/Colemont Scholarship**: Up to $7,500 is awarded to a GSU student currently enrolled in the Undergraduate or Master's program with a Risk Management and Insurance concentration. Scholarship will be awarded on a need and merit, but students must have a GPA of 3.25 or higher. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Mary Kathleen Barry Study Abroad Scholarship:** This scholarship will provide support to students in good standing who wish to study abroad including but not limited to programs in Global Business and Media. Recipients must have a demonstrated financial need and a GPA of 3.0. Preference will be given to Robinson College of Business students with no previous study abroad experience.
- **BDO Seidman Accounting Scholarship:** An outstanding accounting student with high academic achievement receives a cash award from BDO Seidman. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.
- **J. Ed Bell Scholarship:** This scholarship is named in honor of J. Ed Bell, a retired agency director of State Farm Insurance. Applicants for this scholarship must be full-time undergraduate or graduate students with a minimum Georgia State University grade point average of 3.00. Other criteria include character, leadership ability, financial need, and an interest in pursuing a career in the life and health insurance industry. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Williams Benator & Libby Scholarships:** An outstanding undergraduate student and an outstanding graduate student receive cash awards from Williams Benator & Libby.
- **Bennett Thrasher Accounting Scholarship:** A rising senior accounting student with high academic achievement and involvement in Beta Alpha Psi receives a cash award from Bennett Thrasher. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10
- **The Bergeron Women in Technology Leadership Fund**: Through the generosity of alumna Sandra Bergeron and her husband, Douglas Bergeron, CEO of Verifone, this $1 million scholarship fund makes awards of up to $10,000 annually to five female undergraduate or graduate students who have expressed or demonstrated high potential for leadership careers in technology. In addition to the monetary stipends, one-on-one

mentoring by female CEOs, CIOs, or other senior executives is provided to each of the award recipients to assist them in their educational and career advancement.

- **Bermuda Foundation for Insurance Studies/GSU Bermuda Scholarship**: This fund assists Bermudian undergraduate students in pursuing an education in risk management and insurance or actuarial science at Georgia State University. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Beta Gamma Sigma Award:** This award is co-sponsored by the Robinson College of Business and Beta Gamma Sigma (BGS). The fund was established o acknowledge a 23 percent increase, from the previous year, in RCB students who joined as BSG members. Recipients must be a current BGS member and degree seeking student enrolled in a business program at Georgia State University in the next academic year.
- **Evelyn S. Bowyer Scholarship:** Endowed in memory of Evelyn S. Bowyer, alumna and longtime Georgia State University employee, by family, friends, and colleagues. This award is given annually to an undergraduate or graduate student majoring in finance. The criteria used to determine the recipient include classroom performance, leadership skills, and financial need.
- **Kathryn C. Buckner/PriceWaterhouse Coopers Scholarship:** Annually, in honor of Dr. Kathryn C. Buckner, PricewaterhouseCoopers selects two outstanding students to receive $3,000 scholarships based on accounting achievements and application to or enrollment in the Masters of Professional Accountancy, Masters of Taxation, or MBA program at Georgia State University.
- **Anne-Marie Campbell Scholarship:** This scholarship was established in 2013 by GSU alumna Ms Anne-Marie Campbell to provide support for undergraduate students in good standing who are majoring in any discipline within the Robinson College of Business. Recipients must have a current GSU GPA of 3.0 or higher. Contact the Dean's office for additional information.
- **Andrew and Eula C. Carlos Scholarship:** Mr and Mrs Carlos established this scholarship in support of Robinson College of Business students. The recipients should be undergraduates in the College with a 3.0 GSU GPA or a graduate student in the college with a 3.25 GSU GPA. Contact the Dean's office for additional information.
- **Thalia N. and Michael C. Carlos Scholarship:** Two annual scholarships have been established by the Michael C. Carlos Foundation for students in the Robinson College of Business who are residents of the state of Georgia.
- **S. Tamar and Judith A Cavusgil Scholarship:** This scholarship provides support for RCB students wishing to study abroad. These scholarship awards will be made based on need and academic achievement. Preference will be given to students studying in emerging markets with an institutional GPA of a 3.0 or higher and the ability to demonstrate financial need.
- **Barkat Charania Scholarship**: Established in 2013 by GSU alumnus Rahim Charania, in honor of his father Barkat Charania, whose greatest passion is for increasing the availability for young people to receive a quality education. Recipients must be undergraduates in the Robinson College of Business, in good academic standing with a minimum GPA of 3.0. Contact the Dean's office for additional information.
- **The Chick-fil-A Outstanding Marketing Student Scholarship**: Endowed in 2012 to honor the 30-year relationship between Chick-fil-A and Dr. Ken Bernhardt. This scholarship is awarded to a student majoring in Marketing with high academic performance, outstanding character, and a high likelihood of a successful career in Marketing. Ideally, the

students will also be employed by Chick-fil-A.

- **Commercial Real Estate Women of Atlanta Award:** Underwritten by the Staubach Company, this award includes $1,000 and a one-year honorary membership in CREW Atlanta. The recipient is selected based on academic achievement, leadership skills, and potential success in a real estate career. Information is available from the Department of Real Estate.
- **The John H. Cowart Scholarship:** Funded by an endowment established by John H. Cowart, Sr. (John Cowart Homes, Inc.), this award is given annually to one or more real estate students to pursue promising research under the direction of faculty in the Department of Real Estate. Both merit and need of candidates are evaluated. Information is available from the Department of Real Estate. The application deadline is January 31.
- **Cecil B. Day Endowment Scholarships:** Hospitality majors and certificate students are eligible to apply for these scholarships awarded based on exemplary academic performance and a commitment to the hospitality industry through work experience and involvement in professional associations and/or extracurricular activities. Contact the School of Hospitality for more information.
- **Cecil B. Day Memorial Scholarships:** Administered by the American Hotel & Lodging Association, these scholarships are based on academic, work and campus/community involvement. Contact the School of Hospitality for additional information.
- **Crowe Horwath LLP Outstanding Accounting Student Scholarship:** An outstanding junior accounting student with strong leadership skills receives a cash award from Crowe Horwath.
- **Deloitte & Touche Achievement Award:** Each year, a junior accounting student with high academic standing and promise in the field of accounting receives a cash award. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing. Candidates should apply to the School of Accountancy by January 10.
  . The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.
- **The Doner Scholarship:** The Doner Agency awards this scholarship to an exceptional student in the Robinson College of Business Marketing Department's advertising certificate pathway. Qualified students will demonstrate high academic achievement in an overall GPA and high achievement in the advertising courses required for certification. Faculty members who teach the advertising courses will nominate students.
- **Jack Dunn Scholarship:** This award is given to an undergraduate finance major in honor of the former Commissioner of Banking and Finance of the state of Georgia. The recipient of this award is chosen based on academic performance.
- **John M. Dyer First Generation Finance Scholarship:** To provide support for first generation undergraduate students in the Department of Finance in the J Mack Robinson College of Business. The recipient must be in good academic standing, be a first generation college student and have a demonstrated unmet financial need as determined by the Office of Financial Aid. Please contact the department for further information.
- **H. Talmage Dobbs Jr. Outstanding Finance Student Award:** This award is named after Mr. H. Talmage Dobbs Jr., past chairman of the board of Life of Georgia and an alumnus of Georgia State University. The award is presented to the outstanding undergraduate finance major over the past year. The criteria used to determine the recipient includes classroom

performance and recommendations from past instructors.

- **Educational Foundation of Georgia Society of CPAs Accounting Excellence Award:** The senior accounting major with the highest grade point average receives a Certificate of Academic Excellence and a cash award of $500 from the Georgia Society of Certified Public Accountants Educational Foundation..
- **Faculty Recognition Award:** Each year, the faculty of the School of Accountancy recognizes an undergraduate student with high academic achievement, leadership in school activities, and professional aptitude with a cash award up to $500.
- **Federation of Schools of Accountancy Student Award:** Each year, the Federation of Schools of Accountancy awards an outstanding student with a recognition plaque and a cash award up to $500 based on academic achievement.
- **Bradford and Patricia Ferrer CIBER Scholarship:** The purpose of the fund is to provide support to CIBER students who wish to study abroad. Should the CIBER program cease to exist, the Ferrers intend that the scholarship be used to support Robinson College students with financial need who wish to participate in study abroad opportunities.
- **Foundation for Agency Management Excellence Scholarship (FAME):** $5,000 awarded to one Junior and one Senior. The students must have a 3.0 GPA, be financially needy, be in good standing with the University, be full time, and enrolled in an insurance related field of study. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Frazier & Deeter Scholarship:** Each year, Frazier and Deeter honors a Georgia State University student of high academic achievement with a cash award.
- **Georgia CCIM Chapter Scholarship:** Funded by the Commercial Investment Real Estate Institute, the scholarship is given annually to one undergraduate real estate major planning a career in commercial real estate. In addition to the cash award, the recipient receives complimentary enrollment in the first course toward receiving the CCIM designation. The selection criteria include academic achievement, extracurricular activities, communication skills, and professional commitment. Information is available from the Department of Real Estate.
- **Georgia Atlanta Chapter of Chartered Property and Casualty Underwriters:** This scholarship awards up to $2,000 to an undergraduate or graduate risk management and insurance major. Selection is based on need, scholarship, and character. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to February 1.
- **Grant Thornton Achievement Awards:** Each year, two outstanding accounting students with high academic achievement receive a cash award sponsored by Grant Thornton. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.
- **Dennis E. Grawoig Memorial Award:** Awarded to the outstanding undergraduate student in the Managerial Sciences displaying exceptional analytical skills, this award is given in memory of the founder of the Department of Decision Sciences and the first President of the Decision Sciences Institute. It is based on academic achievement, potential for leadership and service to the university and community. Scholarships are awarded during the spring semester and candidates for scholarships are chosen based on faculty nomination.
- **The Marketing RoundTable Outstanding Minority Marketing Student Scholarship:** This scholarship is sponsored by the GSU Marketing RoundTable and is awarded annually

to students of African American, Hispanic American, or Native American ethnicity and currently enrolled in a Marketing course, pursuing a marketing degree with high academic standing and with a high expectation of success in pursuing a career in marketing. Qualified students will have a minimum grade point average of 3.0. Students must be nominated and supported by Marketing faculty members

- **GSU Risk Management Foundation, Inc. Scholarship**: This scholarship is awarded to an undergraduate or graduate student majoring in a program offered by the Department of Risk Management and Insurance. The amount of award varies, and selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Tim & Kathleen Gunter Study Abroad Scholarship:** This scholarship will provide support to business students wishing to study abroad with financial need who possibly otherwise would not be able to participate in an academically enriching global experience.
- **Hall of Fame Scholars Program Fund**:This scholarship was established from the proceeds of the Robinson College Annual Hall of Fame Celebration. It is awarded in recognition of undergraduate students with leadership potential in business, as exemplified by their academic and professional achievements.
- **The Hammill Scholarship:** This scholarship is awarded to students majoring in Marketing in honor of Richard Hammill, past senior vice president of Marketing at The Home Depot. The criteria for selection require that the person be a current student with declared Marketing major who has completed more than the basic marketing course, has high scholastic achievement, high potential for a successful career in marketing, and financial need.
- **Homer R. Hannah, Jr. Memorial Scholarship**: Mrs. Joyce Hannah established this award in memory of Homer R. Hannah, Jr. This award is specific for undergraduate junior or seniors having a GPA of 2.5 or higher and who are Georgia residents. Recipients must be in good standing at the Robinson College and have a strong drive and commitment to completing their education.
- **Floyd S. Harper Award:** The late Dr. Harper was instrumental in the formation of the Georgia State Actuarial Science Program in 1958. The Department of Risk Management and Insurance presents this award annually upon graduation to the senior in actuarial science who exemplifies the qualities that Dr. Floyd S. Harper strove to develop in his students: scholastic achievement and character.
- **Sidney and Mary Harris Travel Award:** Dr. Sidney E. Harris, former dean of the J. Mack Robinson College of Business, and his wife, Dr. Mary Harris, established the Sidney and Mary Harris Travel Award to support Robinson College of Business students to internationalize their program of study.
- **Crowe Horwath LLP Outstanding Accounting Student Scholarship**: An outstanding junior accounting student with strong leadership skills receives a cash award from Crowe Horwath. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing. Candidates should apply to the School of Accountancy by January 10.
- **Hotel Equities Scholarship:** This scholarship was established by Hotel Equities, a full service hotel management company founded by GSU alumnus, Fred Cerrone, who now serves ad the company's CEO and President. Selection criteria include academic achievement, interest in pursuing a career in the hospitality industry, demonstrated leadership potential and commitment to participating in community service

- **Hunter Realty Scholarship**: This scholarship was established by Hunter Realty, leading hotel brokers since 1978. In addition to academic performance and work experience, preference is given to students with career plans in hotel development and double-majors in hospitality and real estate or finance.
- **Insurance Professionals of Atlanta**: This scholarship of up to $2,000 is awarded to an undergraduate or graduate female student who is a risk management and insurance major and plans to pursue a career in the insurance field. Selection is based on need and scholarship. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to February 1.
- **The E. A. Isakson Scholarship:** This scholarship established by the Atlanta Board of Realtors is in honor of Mr. Ed A. Isakson, past president of the Atlanta Board of Realtors. One or more scholarships will be provided each year for outstanding students majoring in real estate. The criteria for selection are need, scholastic achievement, and expression of a sincere interest in a professional career in real estate. Information is available from the Department of Real Estate. The application deadline is January 31.
- **International Council of Shopping Centers (ICSC) Undergraduate Real Estate Award:** This annual scholarship award by the ICSC Foundation is given to a junior or senior enrolled in an undergraduate real estate program who displays excellence academically and exhibits a career interest in the retail real estate sector. The recipient is selected each fall based on faculty nominations. Information is available from the Department of Real Estate. The application deadline is January 31.
- **Mrs. Josephine J. Isakson Scholarship:** This award is presented in memory of a prominent Atlanta-area real estate family to recognize superior academic achievement and potential. It may be awarded to either a graduate or an undergraduate student. Information may be obtained from the Department of Real Estate. The application deadline is January 31.
- **Mrs. Tommie Jackson Scholarship:** This scholarship, established by realtors, honors Mrs. Tommie Jackson, executive vice president of the Atlanta Board of Realtors. The earnings from this fund are to be used to provide one or more scholarships each year for outstanding students majoring in real estate. The criteria for selection are scholarship, achievement, and an expression of a sincere interest in a professional career in real estate. Information is available from the Department of Real Estate. The application deadline is January 31.
- **John Jordan Scholarship in Club Management**: This scholarship is in honor of John Jordan, General Manager of the Cherokee Town and Country Club for almost 45 years. It is awarded to a student who is majoring in hospitality with a club management focus. Selection is also based on academic achievement, work experience and club industry involvement.
- **Robert R. King Memorial Scholarship:** This scholarship is in memory of Robert King, a leader in Georgia's hospitality industry as president of Georgia Hospitality and Travel Association. It is presented to a hospitality major based on academic achievement, school and community involvement and work experience.
- **The Clyde Kitchens Delta Sigma Pi Award:** This award was established by the Clyde Kitchens Foundation, Inc., to provide a $1,000 scholarship to be awarded to an outstanding student in the Robinson College of Business. The award recipient is selected on the basis of academic performance and potential in the field of business.
- **KPMG Academic Excellence Scholarships:** KPMG recognizes two undergraduate accounting students and two graduate accounting/tax students who have excelled academically with cash awards.
- **KPMG/John T. Zellner Scholarship in Actuarial Science**: This scholarship was

established for undergraduate students who are studying actuarial science in the J. Mack Robinson College of Business. The recipients must be in good academic standing at Georgia State University, have a minimum GPA of 3.0 and have demonstrated financial need.

- **Louis Samuel Brook, Jr Scholarship:** This scholarship was established by the Louis Samuel Brook,Jr Foundation for the benefit of deserving students in the Robinson College of Business who have attended GSU for at least one year. Contact the Dean's Office for additional information
- **George E. Manners Scholarship**: This scholarship supports graduate students in business administration who are selected on the basis of scholastic achievement and potential in business administration. Students should have a minimum GPA of 3.85 and must have one faculty letter of recommendation. Contact the Dean's office for additional information
- **Connie and Ken McDaniel Scholarship**: This scholarship provides support to undergraduate students in the School of Accountancy who are in good academic standing in the Robinson College of Business with a minimum GPA of 3.5 and demonstrated financial need. Contact the Dean's office for additional information.
- **Annemarie Michaud Scholarship:** This annual scholarship, offered only in the Spring will provide support to students who wish to incorporate an international experience to their academic portfolio.Students must be able to demonstrate financial need as documented by the Student Financial Aid Office and have a minimum GPA of 3.0.
- **The Mills B. Lane/Bank of America Scholarship** The Mills B. Lane Scholarship was established by Bank of America in 1997 to benefit full-time students in the Robinson College who are juniors or seniors with academic achievement of 3.0 GPA or better and demonstrate potential for success in business. Contact the Dean's Office for additional information
- **Tasca A. Moore Scholarship**: This scholarship was established by Mr. Tasca A. Moore in memory of his parents, John Tasca Moore and Maggie Elizabeth Moore, as well as Dr. Leland C. Whetten, to provide support for students majoring in accounting, finance, or municipal financial management. Contact the Dean's Office for additional information
- **John W. Morgan Scholarship:** This $2,500 annual scholarship was endowed by Pritchard & Jerden, Inc. and 11 of its employees in honor of their friend and colleague John W. Morgan. The scholarship will be awarded to an undergraduate or graduate student who exhibits a strong interest in the claims function and is majoring in risk management and insurance. Selection will be made on the basis of scholarship, character, and need. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **The James W. Morton, Jr., Memorial Scholarship:** Up to $2,500 is awarded annually to an undergraduate or graduate student enrolled in any academic program offered by the Risk Management and Insurance Department. The scholarship honors James W. Morton, Jr., a man instrumental in the development of the State Farm Insurance organization in Georgia. Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance prior to February 1.
- **Lori Muse Study Abroad Scholarship Endowment:** The Lori Muse Study Abroad Scholarship Endowment was established in memory of a former student, Lori Muse and her love for international travel.
- **National Association of Black Accountants Leadership Award:** Each year, a member of the National Association of Black Accountants receives a cash award up to $500 in recognition of leadership ability and contributions to the Georgia State University chapter of the National Association of Black Accountants.

- **The National Association of Computer Consulting Businesses Scholarship (NACCB):** This scholarship was established in 1998 by a consortium of Atlanta businesses to assist a qualified undergraduate or graduate student (full-time). The annual award of $1000 is presented to a computer information system major who best demonstrates a combination of academic excellence and financial need.
- **National Restaurant Association Scholarships:** For hospitality majors specializing in the restaurant and foodservice areas, the NRA offers a number of scholarships that are awarded nationally. Contact the School of Hospitality for information on the specific scholarships and application details.
- **The Marketing Roundtable Outstanding Minority Marketing Student Scholarship:** Awarded annually to one or more outstanding undergraduate or master's level marketing students, currently enrolled in marketing courses, who are members of underrepresented minority groups. Students must be pursuing a degree in marketing with high academic standing and a high expectation of success in pursuing a career in marketing.Qualified students must have a minimum GPA of 3.0 and must be nominated and supported by a faculty member in Marketing.
- **North Point Hospitality Group Scholarship**: This scholarship was established by North Point Hospitality Group, a company that owns, develops and manages brand defining hotels. S. Jay Patel is the President and CEO of North Point, a company founded by his father in 1978, JK Patel. This scholarship is awarded to a hospitality major based on academic achievement, a demonstrated interesting in pursuing a career in the hotel/hospitality industry and demonstrated financial need.
- **Phyllis L. Parker Scholarship**: This scholarship was established in 2011 by GSU alumna Phyllis L. Parker to provide support to students who are majoring in any discipline in the Robinson College of Business. Recipients must be a first generation college student, and have at least one parent who emigrated to the U.S. and became a naturalized citizen or permanent resident. Contact the Dean's office for additional information.
- **The Rama Scholarship for the American Dream:** The Rama brothers, principals of JHM Hotels, established this scholarship. The scholarship is awarded annually to an undergraduate or graduate hospitality major. It is based on academic performance, hospitality work experience, financial need and extracurricular involvement. Administered by the American Hotel & Lodging Association, contact the School of Hospitality for additional information.
- **Real Estate Education Association Harwood Memorial Scholarship:** Named in honor of Dr. Bruce Harwood, these $250 scholarships are awarded to up to 10 students nationwide who plan careers in real estate. Recipients are selected based on academic achievement and letters of recommendation. Applications are available from the Department of Real Estate and should be returned directly to REEA by January 31.
- **Real Estate Educators Association Technology Scholarship:** Two $500 scholarships are awarded nationwide in honor of Dr. Donald E. Bodley. Recipients are selected based on academic achievement, letters of recommendation, and an essay on the role of technology in the future of the real estate profession. Applications are available from the Department of Real Estate and should be returned directly to REEA by January 31.
- **The Spurgeon Richardson Scholarship:** This scholarship is in honor of Spurgeon Richardson, a leader in Atlanta's hospitality community for decades. Richardson served as President and CEO of the Atlanta Convention & Visitors Bureau for 17 years. In this role, he positioned tourism as one of the city's top economic drivers and helped develop Atlanta to

become a world-class city. This scholarship is presented to a hospitality major based on academic achievement, school and community involvement and work experience.

- **Pickett Riggs Scholarship:** This scholarship was established by the Young Alumni Council of Georgia State to honor Mrs. Pickett Riggs, former teacher of quantitative methods (decision sciences), who was one of the university's most highly esteemed teachers. The scholarship will be awarded each year to the graduate or undergraduate student in the Robinson College of Business who exemplifies those ideals which Mrs. Riggs valued and encouraged: high scholastic achievement, leadership abilities, and commitment to Georgia State University. Applications may be obtained from the Office of Academic Assistance in the Robinson College of Business. Completed applications must be returned to the Alumni Office, G88 Dahlberg Hall, by February 28.
- **Risk Management and Insurance Alumni Club Undergraduate Student of the Year Award:** Selected by the faculty of the Department of Risk Management and Insurance, this award recognizes the most outstanding undergraduate student in the Risk Management and Insurance program. This is a $500 cash award.
- **Nita Robinson Scholars:** In honor of Mrs. Nita Robinson, J. Mack Robinson has pledged $1 million to perpetuate a program to encourage Robinson College of Business students to further their understanding of the global business environment. Awards are made to students who are involved in the College's Institute of International Business or students who plan to undertake a study abroad program or international internship. The Nita Robinson Scholars program will annually recognize up to 25 undergraduate and master's-level students.
- **The James R. Rozelle Memorial Fund:** This fund is awarded annually for the computer information system undergraduate major who has shown the greatest aptitude for computer programming as determined by grade point average and instructor nomination. This award was established to honor the late Dr. James Rozelle who was on Georgia State University faculty for over 25 years.
- **Dr. David Schwartz Memorial Scholarship:** Established in 2013 through a lead gift from GSU alumnus Lamar Smith and other GSU alumni and friends in memory of Dr. David A. Schwartz. He was a professor of marketing in the Robinson College of Business and was considered a leading American authority on motivation. Awarded to undergraduate marketing majors in good academic standing with a GPA of 3.0 or above. Contact the Dean's office for additional information.
- **The Sales Executive Roundtable (SERT) Svholarship:** Created by the Marketing department in 2014. Consideration will be given to currently registered students who have taken or are currently taking a sales courses in the department of Marketing and who have expressed an interest in pursuing a career in sales. The scholarship requires a student to demonstrate high academic achievement, and to demonstrate basic sales competencies as required for qualification for national sales competitions to be considered.
- **Michael S. and Cynthia C. Shannon Scholarship:** This scholarship will provide support to students in good standing in the Robinson College of Business to pursue a study abroad program. Recipients must have demonstrated financial need as documented by the Office of Financial Aid and a minimum GPA of 3.0. Preference will be given to students with no previous study abroad experience.
- **Nicholas and Anne Marie Shreiber Scholarship:** Nicholas and Anne Marie Shreiber established the Shreiber Scholarship in 2011 to provide support for an undergraduate student in the Robinson College of Business with a GPA of 3.3 or greater and who is a U.S. citizen and resident of Georgia. Contact the Dean's office for additional information

- **Don Sledge Scholarship:** This scholarship was established by Karen Mae Sledge in honor of her father, Don Sledge. Up to $200 is awarded to a full-time undergraduate student enrolled in any of the programs offered by the Risk Management and Insurance Department. Selection is based on merit, and the recipient will be invited to a luncheon to meet the donors. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Society for Information Management Scholarship (SIM):** This fund is awarded annually for the computer information system undergraduate major who has shown a combination of the greatest financial need combined with the highest academic capabilities. Academic aptitude is determined by grade point average and instructor nomination. This award was established by the Atlanta chapter of SIM, a major non-profit national IT professional organization.
- **Robert S. Spencer Memorial Foundation Scholarship:** The Robert S. Spencer Memorial Foundation, Inc. provides a scholarship of up to $10,000 to an undergraduate or graduate student who intends to pursue a career in risk management. The scholarship honors the late Robert S. Spencer, a leader in the development of the risk management discipline and past president of the Risk and Insurance Management Society (RIMS). Selection is based on merit. Candidates should contact the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance for the details by December 1.
- **The Sprint Scholarships:** These scholarships are four, $500 annual awards presented to deserving junior- or senior-level students. Students must have a minimum 3.5 GPA and demonstrate a financial need.
- **Howard S. and Marie H. Starks Scholarship:** Mrs. Marie H. Starks and her late husband, Howard S. Starks, funded the Howard S. and Marie H. Starks Scholarship Fund in 1992. The fund provides support to rising juniors or seniors with a 2.5 GPA or higher in the Robinson College of Business. Recipients must have a strong drive and commitment to complete their education. Contact the Dean's office for additional information
- **The C. V. Starr Scholarship Fund:** This fund, endowed by the Starr Foundation in honor of Cornelius Vander Starr, founder of the American International Group (AIG), provides scholarships of up to $4,000 to full-time students majoring in actuarial science or risk management and insurance. Priority is given to graduate students, although undergraduate students who have completed at least two years of course work and have outstanding potential may be considered. The scholarship may be held for two years. The amount of the scholarship may be adjusted on the recommendation of the Scholarship/Fellowship Committee. The scholarship is paid on a semester basis after review of the recipient's record. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Bennett Thrasher Accounting Scholarship:** An outstanding senior involved in Beta Alpha Psi receives a cash award from Bennet Thrasher.
- **Travelers Scholarship:** $2,500 is awarded to Juniors studying risk management and insurance (2) and actuarial science (1). Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.
- **Sam and Joyce Turner Scholarship**: $3,000-$5,000 is awarded to undergraduate or graduate students studying actuarial science. Selection is based on merit. Candidates should apply to the Scholarship/Fellowship Committee of the Department of Risk Management and Insurance by February 1.

- **Turner Broadcasting Systems, Inc Scholarship:** An ascending undergraduate student enrolled in the School of Finance in good academic standing with an emphasis on those active in student groups and/or the community.
- **Edie and Tim Twomey Scholarship**: This scholarship is for undergraduate students enrolled in the Robinson College of Business School of Accountancy. Recipients must be in good academic standing at Georgia State University and have a minimum 3.0 GPA. Contact the Dean's office for additional information.
- **Dexter & Karen Warrior Scholarship:** This scholarship is awarded by Dexter and Karen Warrior to an undergraduate or graduate student who has outstanding performance in the field of real estate. Information is available from the Department of Real Estate.
- **Leland Whetten Award:** This award is presented to an outstanding student in accounting theory or a senior accounting major. This award is given in honor of Dr. Leland C. Whetten, former professor of accounting at Georgia State University.
- **Eli A Williams Benator & Libby Scholarships:** An outstanding undergraduate student and an outstanding graduate student receive cash awards from Williams Benator & Libby. The scholarships are intended for deserving accounting students with a minimum GPA of 3.5 who demonstrate a high academic standing and excellent leadership skills. Candidates should apply to the School of Accountancy by January 10.

- **Zubay Actuarial Science Award:** The Department of Risk Management and Insurance presents this award annually to the undergraduate actuarial science major with the highest overall grade point average from among those with at least 90, but not more than 150, semester hours. In addition, the recipient must have completed at least 20 semester hours of actuarial science course work with no grade lower than a grade of B.
- **Chris Yannapoulos Memorial Scholarship:** Established in 1975, this fund is in support of Robinson College students in good standing and are Georgia residents. Contact the Dean's office for additional information.
- **Zera-Allen Scholarship:** GSU alumna, Angela Z Allen, and her husband, Sam. established the Zera-Allen Scholarship to provide support for undergraduate students in good standing in the Robinson College of Business. To be eligible for this scholarship, students must be first generation college students with a minimum GSU GPA of 3.0 and have demonstrated strong student and/or community service experience.

1300 University Academic Regulations

This chapter describes academic regulations that apply to all undergraduate students. See subsections within this chapter for specific policies and procedures.

1302 General Information

1302.10 University Academic Policies

All students at Georgia State University are responsible for learning and observing all regulations and procedures required by the University and by the college and program or status in which they are enrolled. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that he or she was not informed of a specific requirement by an advisor or other university authority. This chapter contains the academic regulations of the University. See the other parts of this catalog for information on the academic regulations of the various colleges and departments.

All students must become especially familiar with (1) this chapter, (2) the following chapter on university degree requirements and graduation, (3) their college's chapter of this catalog, (4) the offerings and requirements of their major, and (5) the enrollment process found by accessing PAWS (Panther Access to Web Services) at paws.gsu.edu and found on the University's web site www.gsu.edu, particularly under the Registrar and Student Financial Services pages, which contain more detailed information on the enrollment process.

While the provisions of this catalog will ordinarily be applied as stated, Georgia State reserves the right to change any provision listed in this catalog, including, but not limited to, academic requirements for graduation, without actual notice to individual students. The University will make every effort to keep students advised of any such changes. Students must note their responsibility to keep apprised of current graduation requirements for their particular degree programs.

1302.20 Student Computer Access Requirement

Each student enrolled at Georgia State University must have access to a computer, and any course offered at the University may require computer-based work. Further, the student's computer must provide access to e-mail accounts, the World Wide Web using a current browser, and spreadsheet and word processing software. Departments and other units may establish minimum machine capability and software requirements, including the requirement that a student in a certain degree program must own a computer. It is the responsibility of each student to ensure his or her access to a computer. Computers are available in the open-access computer laboratories on campus that provide the basic level of computer capabilities, but these laboratories are heavily used and cannot guarantee a student access to a computer at a particular time.

1302.25 Georgia State University Email

Every student is assigned an official Georgia State University email address at the time of acceptance. It is

essential that students regularly check this email account. Academic departments and student service units across campus use the University assigned email as a means of communicating with students about official university business, and students are held responsible for this information. Email from Georgia State will be sent to the student's official Georgia State e-mail address. It will not be sent to any other address (such as a Gmail or Yahoo account). However, students may configure their Georgia State account to forward to another address.

1302.30 Academic Calendar

Georgia State University is on a semester system, and academic credit is awarded in semester hours. The fall and spring semesters are approximately 14 weeks each with final exams normally held during the 15th week. Summer semester is composed of three-week classes in May as well as six-week and seven-week classes beginning in June. Enrollment in the three-week classes, six-week classes, or seven-week classes counts as having been enrolled in summer semester.

1310 Academic Advisement and Development

Academic advisement is an essential component of an education at Georgia State University, and the University is committed to providing the individual advice and assistance that students need at every step of their degree programs. All new freshmen (by admission category) are required to attend a new student academic orientation (i.e., Incept or the International Student Orientation). The Director of the University Advisement Center is authorized to waive this requirement, however, those freshmen who do not attend orientation are required to take GSU 1010 or enroll in a Freshman Learning Community during their first semester in attendance. Transfer students are strongly encouraged to attend a Transfer Incept session. All transfer students as well as transient students, and post baccalaureate students are required to complete the appropriate student online pre-orientation at webdb.gsu.edu/preorientation/login.cfm prior to registering for classes.

1310.10 Incept: New Student Orientation

Incept: New Student Orientation
Student Center, Suite 330
http://incept.gsu.edu/

Incept: New Student Orientation is the official Georgia State University new undergraduate student orientation program. Incept is **required** for new freshman and **strongly encouraged** for new transfer students. Our programs are designed to introduce you to the unique world of Georgia State and prepare you to make the most of both your academic and co-curricular experiences.

Students will receive a tour of Georgia State's unique urban campus in downtown Atlanta, learn about important campus resources such as campus safety, review financial aid, and more. Additional benefits of attending Incept are the connections made with fellow classmates as well as seasoned student leaders who will be assisting students throughout the Incept experience. At the end of the Incept day, students will receive academic advisement and register for classes.

We offer several Incept options which can meet your specific needs at a time that's convenient to your schedule. We offer one-day and two-day orientation programs for new freshman students and one-day and ½ day orientation programs for new transfer students. There is also a special parent and guest orientation program which runs concurrently with all student programs.

1310.20 Placement Testing

Math

A math placement test is recommended for all students who do not have credit for an Area A math course and is required for students who wish to take (or are required to take) Math 1111, College Algebra, or higher. Students may not register for a math course higher than that indicated by their placement test score. See Section 1410.15 for information about math course requirements for different majors.

Depending upon your status, new student, currently enrolled student, or returning student, see the following information that applies:

New Student (first semester at Georgia State)

All new students who wish to take (or are required to take) Math 1111 or higher should sign up for this exam on an available date and time as shown on their PAWS accounts. This is usually done prior to or in conjunction with Incept.

Current student (enrolled student that is presently taking classes at Georgia State)

Students who have enrolled at Georgia State during previous semesters will find test information at the Testing Center website (http://counselingcenter.gsu.edu/testing/tests/) where testing is available for first-time as well as for re-test ($50 fee applies) purposes on a walk-in basis.

Returning student (returning to Georgia State after a semester or more absence)

Testing for returning students is conducted during scheduled times in the University's Testing Center. See http://counselingcenter.gsu.edu/testing/tests/ and click on Tests, then Math Placement for these dates and times.

Chemistry

A diagnostic chemistry test is required in order to register for Chemistry 1211, which is the prerequisite for BIOL 2107 and CHEM 1212. The test is administered by the Chemistry Department on campus at selected times through the University Testing Center. Students with AP Chemistry scores of 2 or better, SAT subject scores of 600 or better, or those who have completed college level chemistry courses may be exempt from taking the test.
See http://chemistry.gsu.edu/undergraduate/resources/chem-1211-preregistration-placement-test/ for additional information.

Foreign Languages

Placement exams in French, German, and Spanish are available to help students determine the course most appropriate for their abilities in French, German, or Spanish. All students with any prior experience in these languages are strongly encouraged to take the placement exam before registering for any language classes. Prerequisites in these courses are enforced. (See Section 9000, Course Descriptions, for the prerequisites of French, German, and Spanish courses.) Students may satisfy a prerequisite either by taking the indicated prerequisite course or by taking the French, German or Spanish placement exam and earning a satisfactory score. Students may take the WebCAPE exam from any computer with internet access and a browser. (Go to http://mcl.gsu.edu/home/language-resources/placement-exams/webcape/ and click the link at the bottom for the WebCAPE placement exam. The user name is "gsu user" and the password is "panthers1!.) The WebCAPE takes approximately 20 minutes to complete, and students are given their score and class level at which they have been placed. As placement is strictly enforced, it is paramount that students take this test without any outside help or study aids. It is recommended that students print a copy of the email regarding their scores to keep for their records and academic advisement. Students who score between 200 and 399 points will be cleared automatically within 1 business day; email notifications will be sent to those with scores of 400 or higher. Only the first WebCAPE score within a 365-day period counts toward placement. Note: This exam is not part of Incept: New Student Orientation, so new students should take the exam prior to attending orientation or attempting to register for a French, German or Spanish course. Also, the WebCAPE exam does not grant credit and is for placement purposes only; if a student scores above 400 they may consider taking the CLEP Exam (see Section 1320.40) to obtain up to 6 credit hours for language classes at the 2001 and 2002 level. For placement in languages other than German, Spanish and French and for further information, students should contact the Department of World Languages and Cultures at http://mcl.gsu.edu/ or email at mclinfo@gsu.edu. For assessment and/or placement in any other languages taught by the Department of World Languages and Cultures, students are asked to contact the department directly.

1310.30 University Advisement Center

25 Park Place
Suites 1300 and 1400
advisement.gsu.edu

All freshman, sophomore and junior students are advised in the University Advisement Center until they have completed 89 semester hours of credit. Upon completion of 89 credit hours, students are transferred to the Office of Academic Assistance in the college of their majors for future advisement.

Advisors in the Center can assist students in the following ways:

- Evaluate transfer work and apply it to Georgia State University degree programs
- Explain catalog regulations
- Provide academic counseling
- Explain academic standing policies
- Discuss goals
- Assist with degree and major choices for undecided students
- Help students who are experiencing academic difficulties
- Provide direction to campus resources for further assistance

Students may schedule advisement appointments by calling or visiting the Center at 404-413-2300. Walk-in advisement for 10-minute consultations and brief questions is also provided daily.

1310.40 Undergraduate Studies

Office of Undergraduate Studies
224 Sparks Hall
success.students.gsu.edu

The Office of Undergraduate Studies provides leadership and administrative direction for programs designed to enhance the academic skills and engagement of Georgia State University undergraduate students. Programs coordinated by the Office of Undergraduate Studies include: Atlanta-Based Learning (ABL), the First-Year Book Program, Freshmen Learning Communities (FLC), Latino Services and Outreach, Supplemental Instruction (SI), Academic Coaching, the Early Alert Program, GSU 1010 New Student Orientation, the Scholarship Resource Center and college-wide offerings for the Perspectives courses.

Atlanta-Based Learning (ABL). Atlanta-Based Learning promotes academic and civic engagement and service learning within the greater Atlanta community. As an urban research institution in Atlanta, Georgia State University offers an opportunity for students to understand the context in which they are developing as learners. While engaged in "Campus Atlanta," students experience the advantages of attending an institution directly linked to its urban environs. Atlanta-Based Learning activities generate connections between the academic curriculum and the urban Atlanta environment.

First-Year Book Program. The First-Year Book Program at Georgia State University aims to provide all incoming freshmen with a common intellectual experience to stimulate discussion, to promote critical thinking, and to develop a sense of community among first-year students, faculty, and staff. All incoming freshmen will receive a copy of the first-year book selection during the Summer Incept orientation. Students are expected to read the book before the start of their first semester at Georgia State. Throughout the fall, programs and events related to the book will be offered. The book will also be covered in ENG 1101, English Composition, as well as the GSU 1010, New Student Orientation classes.

Freshmen Learning Communities (FLC). The Freshmen Learning Community (FLC) program is strategically aligned with university initiatives to provide quality undergraduate programs and to increase student success and retention. Learning communities provide first-semester college students with a formative, integrative academic experience on which to build lifelong strengths and perspectives as well as immediate connections to the Georgia State campus and its resources. FLCs are designed around five linked freshmen-level courses tailored to a specific theme. Students who share the same interest enroll in a learning community for one semester, taking their FLC courses together. Students and faculty in each FLC form a small, friendly community within the large research university. Every student in the FLC program is assigned a peer mentor who serves as a resource to them as they transition from high school. During their second semester, FLC students may remain together for one course in addition to scheduling other courses of their choice.

GSU 1010 New Student Orientation Course. The Office of Undergraduate Studies coordinates and administers the teaching of GSU 1010, the Georgia State new student orientation course. GSU 1010 is

taught in small classes of 25 to 30 students and assists new students in their academic and social transition to Georgia State University.

Graduation Counselors and Transition Advisors. Graduation Counselors and Transition Advisors are available in the Office of Undergraduate Studies to assist students in making timely progress toward their degrees. Transition Advisors are available to meet with students to help them evaluate whether to change majors and to decide whether a major is an appropriate choice consistent with their interests, aptitude and previous coursework. Graduation Counselors are available to help ensure students who are nearing graduation address any remaining requirements. Graduation Counselors and Transition Advisors work as a complement to the Offices of Academic Assistance and to the University Advisement Center. The services they offer are not intend to substitute for regular academic advisement within established units.

Latino Services and Outreach. The Latino Services and Outreach program provides a "one stop shop" for information regarding financial aid, scholarships, internships, academic advisement, and career counseling. The main goal of the program is to provide a comprehensive support system necessary for students to be successful in college. The office seeks to be a central resource for Latinos on campus and in the community to support and encourage Latino student persistence at and graduation from Georgia State.

Perspectives Courses. Perspectives Courses are an important part of the core curriculum at Georgia State. These university level courses encourage an interdisciplinary or international perspectives on contemporary issues. The Office of Undergraduate Studies coordinates the scheduling and administration of these classes. Perspectives Courses are designed to provide students with a better understanding of the comparative world through the study of different cultures and points of view as well as help students incorporate scientific approaches to issues such as the environment, public health, and technology.

Student Success Workshops. The Office of Undergraduate Studies sponsors a series of academic success workshops. These workshops are designed to enhance student academic skills and cover topics such as time management, note-taking, test-taking, increasing memory and concentration, and other related subjects. Each 50-minute workshop is oriented toward helping students develop the tools necessary to do well in their courses. The workshops are free and open to all students.

Supplemental Instruction (SI). Supplemental Instruction (SI) is a proven academic support program sponsored by the Office of Undergraduate Studies and specific departments across campus. It is based on the national model from the University of Missouri-Kansas City. It offers free, out-of-class, group study sessions for traditionally difficult courses. Sessions are led by students who have successfully completed the target course and have been selected to be SI leaders. These leaders attend class along with the students and are available to meet with students outside of class at specific times. The number and selection of SI supported courses varies each semester. Attendance at SI sessions is voluntary.

Academic Coaching. Academic Coaching allows students to enhance their basic academic skills by working with "coaches" to develop individualized action plans for how they can reach their academic and scholastic goals. Through the Academic Coaching program students have an on campus resource to assist them in identifying and implementing strategies to overcome obstacles to their academic success.

iCare:Early Alert Program. The iCare:Early Alert program assists first-year students who have been identified by their professors as doing unsatisfactory work before the mid-point of the semester. The goal of the program is to contact students who are having difficulties early in the semester to ensure that they are

aware of the academic resources available to assist them with their courses. Students who are identified as doing unsatisfactory work in more than 2 classes are considered at risk for retention. A hold will be placed on the next semester registration of these students and they will not be able to register until they meet with an academic professional in the Office of Undergraduate Studies. Staff in the Office of Undergraduate Studies will remove the student hold once a meeting to assist the student in addressing their academic challenges has been conducted.

Scholarship Resource Center. The Scholarship Resource Center assists students by helping them identify and apply for scholarships while enrolled at Georgia State University. The Resource Center maintains databases and other materials to aid students in finding external scholarships for which they may be eligible. Georgia State University also offers several hundred internal scholarships to help deserving students finance their educational dreams. The Resource Center helps students search for these scholarships and provides information to them on how to successfully complete the application process.

1310.50 Learning Support Program

The Learning Support Program (LSP) is for undergraduate students admitted on an exceptions basis who need remedial assistance in the areas of math, reading, and/or writing in order to be ready to take courses in the Core Curriculum.

Entering LSP

Students are placed into the LSP if they meet any of the following conditions:

- An SAT-Verbal score below 430 or an ACT-Verbal score below 17.
- An SAT-Mathematics below 400 or an ACT-Mathematics below 17.
- Failure to meet the College Preparatory Curriculum requirements in English or mathematics.

However, students who have exited an area of Learning Support at any institution in the University System of Georgia are not required to re-enter that area upon transfer to Georgia State.

While in LSP

It is very important that LSP students meet each term with an academic advisor for advice regarding course selection. For this reason, an advisement hold is placed on each LSP student's record each term. The hold is lifted after the student has seen an advisor. Here are the LSP courses and their placement criteria:

- Academic Reading EdRd 0071 COMPASS reading < 74
- Academic Writing Engl 0081 COMPASS writing < 60
- Elementary Algebra Math 0098 COMPASS math < 19
- Intermediate Algebra Math 0099 COMPASS math < 37

LSP courses do not count towards degree requirements or a student's GPA at Georgia State University. They are, however, used to calculate a GPA for HOPE, Pell and other financial aid awards, and the courses and grades earned appear on a university transcript. LSP courses are graded using the same system as other Georgia State courses.

Students must register for required LSP courses before registering for other courses. Until LSP requirements have been satisfied, students may not take credit courses which require the content or the skills of the LSP courses.

Students who have not completed their LSP requirements in reading may not take courses in Area A1, Area C1, or Area E. In Area D, students may only take Math and Computer Science courses.

Students who have not completed their LSP requirements in writing may not take courses in Area A1 or Area C1.

Students who have not completed their LSP requirements in mathematics may not take courses in Area A2 . In Area D, students may only take Astronomy, Biology, Geography, Geology, Computer Science and Psychology courses.

Students who have accumulated 30 semester hours of college-level credit at Georgia State and have not successfully completed required Learning Support courses may enroll only in Learning Support courses until all LSP requirements are successfully completed.

Students with LSP requirements who are enrolled in both LSP courses and other courses may not drop or withdraw from the required LSP courses unless they also drop or withdraw from all other courses. Any student experiencing difficulty and/or considering dropping or withdrawing from an LSP course must first meet with an advisor. The advisor will inform the student of the program's drop and withdrawal policies, including the right to apply for hardship withdrawal if an emergency situation exists.

Students are allowed a maximum of two attempts to exit reading and writing and a maximum of three attempts to exit mathematics. Students must pass all required courses and pass the exit exam. Any grade other than a W counts as an attempt. If a student does not complete the requirements for reading or writing in two attempts and mathematics in three attempts, the student will be suspended from the university until they have completed their LSP requirements. According to BOR policy, no appeals for attempts will be granted.

Exiting LSP

Students exit an LSP area by earning a grade of "C" or better in the exit level Learning Support course in the area and earning a passing score on the COMPASS test for the area. The passing COMPASS scores are:

- Reading, 74
- Writing, 60
- Math, 37 (on the COMPASS Algebra test)

Students who fail the exit test but have earned a grade of "C" or better in the relevant course, may retake the test one time.

Students who have passed an LSP course but not passed the COMPASS must re-enroll in the relevant LSP course. Students who have passed the COMPASS but not earned a grade of "C" in the relevant course must re-enroll in the relevant course.

Requests for waivers to any of the above regulations should be submitted to the Director of the University Advisement Center.

1310.55 Required High School Curriculum (RHSC)

The Board of Regents of the University System of Georgia requires all students to have completed sufficient English, math, science, social science and language courses in high school as preparation for college-level coursework. Students admitted to Georgia State with a deficiency in one or more of these areas must make up the deficiency by taking Georgia State core classes (science, social science, or language) or passing the COMPASS proficiency test (English or math). The University Advisement Center will advise students about which courses they can choose from to complete a RHSC requirement. Credits earned in courses taken to meet RHSC requirements do count toward graduation requirements. A grade of C or higher is required, and grades earned in these courses are counted in the student's GPA. Students must complete all RHSC-required courses before they earn 30 hours and in their first three semesters of enrollment. Otherwise they may not register for any courses except RHSC courses until all requirements are complete.

Some transfer students are admitted with RHSC requirements that were satisfied at a previous college or university. In this case, transfer courses used to satisfy RHSC requirements may not be used toward graduation requirements at Georgia State.

1310.70 University Career Services

260 University Center
career.gsu.edu

The central office for **University Career Services** (UCS) houses the comprehensive career center for the campus with programs, services, information, and counseling to assist students with career decisions, as well as preparation for and implementation of successful job and graduate /professional school searches. The central UCS office works with undergraduate and graduate students from the first year on campus through the one year anniversary of their graduation. Alumni beyond a year of graduation may enroll in **Alumni Career Services**, a program also housed within the office (Note: an Alumni Career Services fee is associated with some services). Students from all majors and areas of study, from all class levels, and from all colleges, are served..

Career Development services are available by appointment. Individual and group sessions are offered, always with the goal of helping students and alumni connect their passion and purpose with career opportunities. The career counselors also provide career assessments, which aid students in exploring career possibilities based on values, interests, and personality.

Workshops, information and career counselors are available to help students and alumni with their **career exploration** and assess their individual talents, skills, and interests, and to set career goals. Programs and materials, employer panels, employer information sessions, and career fairs provide up-to-date information for use in exploring careers and researching employers.

Through the **Employer Relations** team, University Career Services has programs and services that connect students, alumni, and employers for internship and career opportunities, as well as employment to meet expenses while attending school. Regular workshops, employer events such as mock interviews and résumé critique days, and online information help students prepare résumés, and develop interviewing and other job search skills.

The **Graduate and Professional School Planning** program assists students exploring advanced degree opportunities, either here at Georgia State University or at another campus within the United States or abroad. This program has materials to assist students in researching programs as well as support in making application. This program also sponsors the fall Graduate and Professional School Fair, which brings graduate school recruiters from across the country to meet interested Georgia State students.

The **Career Resource Center** (CRC) is the central point of contact for students and contains workstations with access to online career guidance, job postings, graduate/professional school information, and employer research databases. The CRC also houses career-oriented books and multimedia materials for researching career and advanced degree opportunities.

Résumania is the walk-in résumé and c.v. review service, available Monday through Friday, 9am to 3pm. No appointment is needed. Résumania takes place in the CRC, Room 260 University Center

All Georgia State University students have an account on **Panther Career Net**, a web-based career management system utilized by students, employers and the career services staff. Panther Career Net is free to all enrolled students. Activation of the account (completing a profile and uploading a résumé if seeking employment) provides 24/7 on and off-campus access to many of the Career Resource Center's online resources, as well as easy application to jobs, and information about career events and employers. Activation requires use of one's campus ID and password and can be done remotely.

University Career Services at Georgia State University is a consortium of student-focused departments within the Division of Student Affairs, offering to all Georgia State students, graduate and undergraduate, a wide range of highly supportive personal and professional development opportunities and services. University Career Services is comprised of the Office of Civic Engagement, Leadership Development, Employer Relations, Graduate and Professional School Planning, Career Development, and the Georgia Career Information Center.

For more information on career counseling, career assessment, career exploration, graduate and professional school planning, internship and career opportunities, and job search support, visit the central office of University Career Services in 260 University Center or call 404-413-1820 or visit the website at career.gsu.edu.

1310.80 International Student and Scholar Services

252 Sparks Hall
isss.gsu.edu

International Student & Scholar Services (ISSS) provides support for Georgia State University's non-immigrant international student, faculty, and researcher population, their dependents, and any foreign-

born citizens and permanent residents of the United States who may need services. Services include orientations, immigration advisement, international student and scholar insurance support, student advocacy, and other personal assistance in adjusting to and joining the university community. The office staff serves as a liaison with all academic departments, the diplomatic corps, and a variety of international agencies and publishes a newsletter focusing on issues of interest to international students. International Services also offers assistance to academic departments wishing to invite foreign scholars or hire foreign faculty. Information concerning programs and services is available in 252 Sparks Hall, by calling 404-413-2070 or online at isss.gsu.edu.

International Student Orientation - Prior to the beginning of each semester, an orientation program is offered to provide assistance to new students on nonimmigrant status. Students receive information and advice concerning federal immigration, the academic system in the United States, academic advisement and registration, the Atlanta community, and the mandatory health and accident insurance.

International Student Associations - Georgia State University has approximately twenty international student organizations that focus on celebrating the many countries and cultures represented on campus. They provide assistance for new and continuing international students, present cultural activities and events, and seek ways to share their culture with the campus. Information about the various associations and their umbrella group, the International Student Association Council, is available in the International Services office, and online at isss.gsu.edu.

International Student Health Insurance - Health insurance is mandatory for all international students and scholars in F and J status enrolled at Georgia State, and is optional for other nonimmigrant status students. A special international student health and accident insurance policy is made available each academic year, and payment of the insurance premiums is collected along with tuition during the process of registration. Individuals who may already be covered by a policy are required to request a waiver with the insurance company the semester before enrollment. More information is available online at www.studentcenter.uhcsr.com/gsu or through Student Accounts.

1316 Changes in Personal Data

As correct **personal** data is vital to the student's record, students are urged to have their records updated when these changes occur. PAWS (Panther Access to Web Services) at paws.gsu.edu allows students to update some of their student records (address, phone number, etc.) using a terminal or personal computer. Students who wish to change their names and other personal data not allowed on PAWS should contact the Enrollment Services Center, Room 227 Sparks Hall, to complete forms and provide the legal documents required for a name change.

1320 Course Credit

This section describes the various ways students may earn credit for Georgia State University courses without actually taking those courses at Georgia State.

1320.10 Transfer Credit Policy

When an applicant is accepted for undergraduate transfer admission, courses that parallel the curriculum of Georgia State University will be accepted for transfer credit. Credit must have been earned at institutions of higher education with full accreditation by one of the following accreditors:

- Middle States Association of Colleges and Schools
- New England Association of Schools and Colleges
- North Central Association of Colleges and Schools
- Northwest Commission on Colleges and Universities
- Western Association of Schools and Colleges
- Southern Association of Colleges and Schools

Courses completed at a two-year college will be granted lower-division credit.

The total number of hours that may be earned toward a degree by extension or correspondence courses may not exceed 30 semester hours.

Joint Services Transcript (JST) credits earned while serving in the Armed Services may also be evaluated for transfer credit on a case by case basis by the student's academic advisor in conjunction with the academic department offering the course.

In general, transfer credit will not be awarded for a course that a student has previously attempted at Georgia State (including attempts which resulted in a withdrawal). However, individual departments may waive this rule for their courses.

Because the university has a minimum academic residence requirement, the amount of transfer credit applicable to a degree program may be limited. (See Section 1440.) In addition, Colleges and Departments have their own transfer credit policies and this may also limit the amount of transfer credit applicable to a degree program. All such policies are stated in this Catalog in the following sections:

- 2000 Andrew Young School of Policy Studies
- 3020 College of Arts and Sciences
- 4050 College of Education
- 5020.10 Byrdine F. Lewis School of Nursing and Health Professions
- 7020.10 Robinson College of Business

Georgia State maintains a web site, http://advisement.gsu.edu/transfer-students/equivalency-charts/, which indicates courses at other institutions that will be accepted as transfer credit (subject to the restrictions noted in this section).If a course at another institution is not on this list, students should consult with the University Advisement Center.

The D Credit Grade Restriction applies to both resident and transfer credit. (See Section 1450.)

A student who takes a course at another institution will not receive transfer credit for that course until the end of the semester following the semester in which the course was taken. Therefore, students may not take courses for degree credit at another institution during the semester they plan to graduate from Georgia State.

Transfer Credit for Core Courses

1. Students will be granted credit for all of Areas A-E of the core and the Regents' Test if they hold one of the following:
    a. a baccalaureate degree from U.S. institution of higher education accredited by one of the six accreditors listed above
    b. for those who have graduated from a non-U.S. institution, the equivalent of a baccalaureate degree from a U.S. institution of higher education accredited by one of the six accreditors listed above as certified by Georgia State or a Georgia State-approved agency such as Joseph Silny and Associates, Inc.
    c. an associate's degree designed to transfer to a baccalaureate program from a University System of Georgia (USG) institution
2. However, there are two exceptions to the policy stated in 1 above.
    a. Students seeking a baccalaureate degree in biology, chemistry, computer science, geology, mathematics, physics, science education, or math education who do not hold a baccalaureate degree in one of these fields will only be granted credit for all of Areas B, C, and E. They will be granted credit in Areas A and D on a course-by-course basis.
    b. Students seeking a baccalaureate degree in nursing, nutrition or respiratory therapy will only be granted credit for all of Areas A, B, C, and E. They will be granted credit in Area D on a course-by-course basis.
3. Students who hold any other associate's degree, such as an associate's degree from a non-USG institution or an associate's degree not designed to transfer to a baccalaureate program, will be granted transfer credit for core courses on a course-by-course basis.

1320.20 Credit Transfer for Transient Students

Transient students are Georgia State University degree-seeking undergraduates who enroll temporarily at another institution with the intention of returning to Georgia State. Georgia State remains the student's home institution. Terms other than transient (such as visiting student, unclassified student, or special student) may be used at other institutions.

These regulations do not apply to credit earned through cross registration, which is considered resident credit.

A degree-seeking undergraduate student who wishes to be a transient student must obtain a transient letter from the Office of the Registrar. A transient letter is a type of letter of certification that offers information regarding a student's academic standing and is an official recommendation from Georgia State University that a student be admitted to another institution for a visiting term. Students request this letter of certification via the web. Students request this letter of certification by completing a transient form available in all academic offices.

A student may not take courses for degree credit at another institution during the semester he or she expects to graduate from Georgia State.

It is vital that students considering transient status review the rules regarding transfer credit (Section 1320.10), the rules regarding academic residency (Section 1440), the rules regarding credit for grades of D

(Section 1450), and individual college policies on the number of course attempts. The rules in these sections specify limits on the credits taken as a transient that will transfer to Georgia State as well as limits on the credits that will count towards the Georgia State degree requirements. Students are encouraged to check with their advisor and the transfer equivalency charts prior to enrolling in the course. See http://advisement.gsu.edu/transfer-students/equivalency-charts/.

It is the student's responsibility to comply with application procedures and any other requirements that the other institution may have regarding establishing status as a transient student there.

After completing the course, it is the student's responsibility to promptly request that an official transcript be sent from the other institution to: Georgia State University, Office of Undergraduate Admissions, P.O. Box 4009, Atlanta, GA 30302-4009. Questions about transfer credit for courses taken as a transient should be addressed to the University Advisement Center.

1320.30 Credit for Correspondence or Extension Programs

Students may apply no more than 30 semester hours of work earned through correspondence or extension programs of other institutions toward the requirements for an undergraduate degree. Students are cautioned to consult with their academic advisor for additional college regulations on correspondence or extension work. Students must obtain the permission of the dean of their college, or the designated college representative, prior to taking correspondence courses to be applied toward the completion of the degree program.

1320.40 Credit by Examination

Georgia State University recognizes that learning can take place in various modes and places other than the traditional college classroom. Knowledge gained through experiential learning and other means is evaluated for possible college credit through examination. The Advanced Placement Program (AP), the College Level Examination Program (CLEP), and the International Baccalaureate Program (IB) are the most commonly used tests for this purpose. These are standardized examinations administered nationally each year. For information on CLEP, contact the University Testing Office, http://counselingcenter.gsu.edu/testing/. For information on AP and IB programs contact your high school guidance counselor.

Other standardized exams or special departmental examinations may be approved for credit. For further information, contact the appropriate college.

Georgia State University serves as a DANTES (DSST) test center; however GSU does not accept DSST credit.

For information on approved examinations, course equivalents, and credit award policies and requirements, please review the section below.

1320.50 College Board Advanced Placement (AP) Examination

Official test scores should be mailed directly from the College Board to the Georgia State University Office of Undergraduate Admissions for review. Questions regarding credit awards should be directed to the Office of Undergraduate Admissions at admissions.gsu.edu. High school counselors can provide information concerning the time and place for testing. Credit will be awarded for approved AP examinations as follows:

Exam: (Score for Georgia State Course Credit) = equivalent course prefix and number or explanation

- Art History: (3, 4, 5) = AH 1700
- Studio Art: Drawing: (3, 4, 5) = ART 1010
- Studio Art: 2-D Design: (3, 4, 5) = ART 1020
- Studio Art: 3-D Design: (3, 4, 5) = ART 1030
- Biology: (3) = BIOL 1103K (4,5) = BIOL 1103K, 1104K These courses make up the non-majors biology series and are not recommended for Biology majors.
- Chemistry: (3) = CHEM1211K; (4) = CHEM 1211K and exempt CHEM 1212K if passed above median grade on ACS exit exam; (5) = CHEM 1211K, 1212K
- Chinese Language and Culture: (3) = CHIN 2001; (4,5) = CHIN 2001, 2002
- Computer Science A or Computer Science AB: (3, 4, 5) = CSC 2010
- Macroeconomics: (3, 4, 5) = ECON 2105
- Microeconomics: (3, 4, 5) = ECON 2106
- English Language and Composition/ English Literature and Composition: (3, 4) = ENGL1101; (5) = ENGL 1101, 1102
- Environmental Science: (4, 5) = BIOL 1104K
- French Language and Culture: (3) = FREN 2001; (4) = FREN 2001, 2002; (5) = FREN 2001, 2002 and 3000-level course to be determined after consultation with department
- French Literature: (3) = FREN 2001; (4) = FREN 2001, 2002; (5) = FREN 2001, 2002 and 3033
- Human Geography: (3, 4, 5) = GEOG 1101
- Italian Language and Culture: (3) = consultation with department required for placement (4) = ITAL 2001; (5) = ITAL 2001, 2002
- German Language: (3) = GRMN 2001; (4) = GRMN 2001, 2002; (5) = GRMN 2001, 2002 and 3000-level course to be determined after consultation with department
- Japanese Language and Culture: (3) = JAPN 3001; (4,5) = JAPN 3001, 3002
- United States History: (3, 4, 5) = HIST 2110
- European History: (3, 4, 5) = HIST 1112
- World History: (3, 4, 5) = HIST 1112
- Latin: Vergil: (3, 4) = LATN 2001, 2002; (5) = LATN 2001, 2002 and 3000-level course to be determined after consultation with department
- Latin: Catullus/Horace: (4, 5) = 3000-level course(s) to be determined after consultation with department
- Latin Literature: (3, 4) = LATN 2001, 2002; (5) = LATN 2001, 2002 and 3000-level course to be determined after consultation with department
- Statistics: (3, 4, 5) = MATH 1070
- Calculus AB: (3) = MATH 1113; (4, 5) = MATH 1113, MATH 2211
- Calculus BC: (3) = MATH 2211; (4, 5) = MATH 2211, 2212
- Music Listening and Literature: (3, 4, 5) = MUA 1930
- Music Theory: (3, 4, 5) = MUS1099

- Physics B: (3) = PHYS 1111K; (4, 5) = PHYS 1111K, 1112K
- Physics C, Mechanics: (3, 4, 5) = PHYS 2211K
- Physics C, Electricity and Magnetism: (3, 4, 5) = PHYS 2212K
- Government and Politics: (3, 4, 5) = POLS 1101
- Psychology: (3, 4, 5) = PSYC 1101
- Spanish Language and Culture: (3) = SPAN 2001; (4) = SPAN 2001, 2002; (5) = SPAN 2001, 2002 and a 3000-level course to be determined after consultation with department
- Spanish Literature: (3) = SPAN 2001; (4) = SPAN 2001, 2002; (5) = SPAN 2001, 2002 and a 3000-level course to be determined after consultation with department

1320.60 College-Level Examination Program (CLEP)

Georgia State University awards credit for some College-Level Examination Program (CLEP) subject exams, Tests should not be scheduled during the last semester before graduation because the limited time remaining may not be sufficient to allow for course validation and the awarding of credit. For credit to be granted, the examination score must be at least 50 or higher regardless of the ACE recommendation. Credit will be as follows:

Exam = Georgia State Course Credit

- American Government = Pols 1101
- American Literature (w/essay) = Engl 2130
- Analyzing and Interpreting Literature (w/essay) = Engl 2140
- General Biology = Biol 1103K
- Calculus = Math 2211
- General Chemistry = Chem 1099 (elective credit only)
- College Algebra = Math 1111
- College Algebra with Trig = Math 1113
- College Composition with Essay = Engl 1101
- College Mathematics = Math 1101
- English Literature (w/ essay) = Engl 2120
- College French-levels 1 & 2 = Fren 2001, 2002 (see below for additional information)
- College German-levels 1 & 2 = Grmn 2001, 2002 (see below for additional information)
- History of the United States I and History of the United States II 1865-present = Hist 2110
- Introductory Psychology = Psyc 1101
- Introductory Sociology = Soci 1101
- Precalculus = Math 1113
- Principles of Macroeconomics = Econ 2105
- Principles of Microeconomics = Econ 2106
- College Spanish-levels 1 & 2 = Span 2001, 2002 (see below for additional information)
- Trigonometry = Math 1099 (elective credit only)
- Western Civilization I: Ancient Near East to 1648 = Hist 1099 (elective credit only)
- Western Civilization II: 1648 to the Present = Hist 1099 (elective credit only)

Additional CLEP Information:

- The essay portion of all English exams is required in addition to the objective. Essay exams are reviewed by three readers, and the student must receive a grade of "Pass" from at least two readers.
- Foreign language credit awards are as follows:
    1. Spanish scores of 50-53 earn 3 semester hours of credit for SPAN 2001; Spanish scores of 54 and higher earn a total of 6 semester hours of credit for SPAN 2001 and 2002.
    2. German scores of 50-62 earn 3 semester hours of credit for GRMN 2001; German scores of 63 and higher earn a total of 6 semester hours of credit for GRMN 2001 and 2002.
    3. French scores of 50-51 earn 3 semester hours of credit for FREN 2001; French scores of 52 and higher earn a total of 6 semester hours of credit for FREN 2001 and 2002.
- If a student scores 50 or higher for American History I AND American History II, three semester hours will be granted for HIST 2110.
- Exams may be scheduled by contacting Georgia State University's Testing Center http://counselingcenter.gsu.edu/testing/.

1320.70 International Baccalaureate (IB) Examinations

The amount of credit that may be granted for IB courses is limited to 24. Credit for standard level exams will only be granted to students who hold the IB diploma. Students who have only IB certificates will not be granted credit for standard level exams. Within these limits, departments have the authority to determine how much course credit will be awarded for International Baccalaureate examinations.

The following is the list of credit for IB exams:

SL = Standard Level
HL = Higher Level

Anthropology:

- SL 5 = ANTH 1102
- SL 6-7 = ANTH 1102, 2020
- HL 4 = ANTH 1102
- HL 5 = ANTH 1102, 2020
- HL 6-7 =ANTH 1102, 2020, and a 3000-level course to be determined by the Department

Art:

- SL 5 = ART 1010
- SL 6-7 = ART 1010, 1020
- HL 4 = ART 1010
- HL 5 = ART 1010, 1020
- HL 6-7 =ART 1010, 1020, and a 3000-level course to be determined by the Department

Arabic:

- SL 5 = ARBC 2001
- SL 6-7 = ARBC 2001, 2002

- HL 4 = ARBC 2001
- HL 5 = ARBC 2001, 2002
- HL 6-7 =ARBC 2001, 2002, and a 3000-level course to be determined by the Department

Biology:

- SL 5 = BIOL 1103K
- SL 6-7 = BIOL 1103K, 1104K
- HL 4 = BIOL 1103K
- HL 5 = BIOL 1103K, 1104K
- HL 6-7 = BIOL 1103K, 1104K, and a 3000-level course to be determined by the Department

Chemistry:

- SL 5 = CHEM 1211K
- SL 6-7 = CHEM 1211K, 1212K
- HL 4 = CHEM 1211K
- HL 5 = CHEM 1211K, 1212K
- HL 6-7 = CHEM 1211K, 1212K, and a 3000-level course to be determined by the Department

Chinese:

- SL 5 = CHIN 2001
- SL 6-7 = CHIN 2001, 2002
- HL 4 = CHIN 2001
- HL 5 = CHIN 2001, CHIN 2002
- HL 6-7 =CHIN 2001, 2002, and a 3000-level course to be determined by the Department

Computer Science:

- SL 5 = CSC 2310
- SL 6-7 = CSC 2310, 2010
- HL 4 = CSC 2310
- HL 5 = CSC 2310, 2010
- HL 6-7 = CSC 2310, 2010, and a 3000-level course to be determined by the Department

Economics:

- SL 5 = ECON 2100
- SL 6-7 = ECON 2105, Econ 2106
- HL 4 = ECON 2100
- HL 5 = ECON 2105, 2106
- HL 6-7 =ECON2105, 2106, and a 3000-level course to be determined by the Department

English:

- SL 5 = ENGL1101

- SL 6-7 = ENGL 1101, 1102
- HL 4 = ENGL 1101
- HL 5 = ENGL 1101, 1102
- HL 6-7 = ENGL 1101, 1102, and a 3000-level course to be determined by the Department

French:

- SL 5 = FREN 2001
- SL 6-7 = FREN 2001, 2002
- HL 4 = FREN2001
- HL 5 = FREN 2001, 2002
- HL 6-7 = FREN 2001, 2002, and a 3000-level course to be determined by the Department

Geography:

- SL 5 = GEOG 1101
- SL 6-7 = GEOG1101, 1113
- HL 4 = GEOG 1101
- HL 5 = GEOG 1101, 1113
- HL 6-7 = GEOG 1101, 1113 and a 3000-level course to be determined by the Department

German:

- SL 5 = GRMN 2001
- SL 6-7 = GRMN 2001, 2002
- HL 4 = GRMN 2001
- HL 5 = GRMN 2001, GRMN 2002
- HL 6-7 =GRMN 2001, 2002, and a 3000-level course to be determined by the Department

U.S. History:

- SL 5 = HIST 2110
- SL 6-7 = HIST 2110, 3200
- HL 4 = HIST 2110
- HL 5 = HIST 2110, 3200
- HL 6-7 = HIST 2110, 3200 and a 3000-level course to be determined by the Department

European History:

- SL 5 = HIST 1111
- SL 6-7 =HIST 1111, 1112
- HL 4 = HIST1111
- HL 5 =HIST 1111, 1112
- HL 6-7 = HIST 1111, 1112, and a 3000-level course to be determined by the Department

Mathematics:

- SL 5 = MATH 1111
- SL 6-7 = MATH 1111, 1113
- HL 4 = MATH 1220
- HL 5 = MATH 1220, 2211
- HL 6-7 = MATH 1220, 2211, and a 3000-level course to be determined by the Department

Music:

- SL 5 = MUA 1500
- SL 6-7 = MUA 1500, 1900
- HL 4 = MUA 1500
- HL 5 = MUA 1500, 1900
- HL 6-7 = MUA 1500, 1900, and a 3000-level course to be determined by the Department

Philosophy:

- SL 5 = PHIL 2010
- SL 6-7 = PHIL 2010, 2050
- HL 4 = PHIL 2010
- HL 5 = PHIL 2010, 2050
- HL 6-7 = PHIL 2010, 2050, and a 3000-level course to be determined by the Department

Physics:

- SL 5 = PHYS 2211K
- SL 6-7 = PHYS 2211K, 2212K
- HL 4 = PHYS 2211K
- HL 5 = PHYS 2211K, 2212K
- HL 6-7 = PHYS 2211K, 2212K, and a 3000-level course to be determined by the Department

Psychology:

- SL 5 = PSYC 1101
- SL 6-7 = PSYC 1101, 2101
- HL 4 = PSYC 1101
- HL 5 = PSYC 1101, 2101
- HL 6-7 = PSYC 1100, 2101 and a 3000-level course to be determined by the Department

Spanish:

- SL 5 = SPAN 2001
- SL 6-7 = SPAN 2001, 2002
- HL 4 = SPAN 2001
- HL 5 = SPAN 2001, 2002
- HL 6-7 =SPAN 2001, 2002, and a 3000-level course to be determined by the Department

Credit for other languages will be granted following the pattern set in the languages above.

1320.80 Credit for End of High School Examinations from Countries Other than the United States

Georgia State will consider awarding college credit for subject examinations taken at the end of the high school in countries other than the US. To be eligible for consideration, the examinations must be given nationally and must report scores by subject (not merely a total score). Students who wish for the University to consider awarding college for subject examinations taken at the end of the high school in countries should contact the Office of Admissions for more information.

1320.90 Credit for Massive Open Online Courses (MOOCs)

At Georgia State University, the granting of credit for MOOCs taken at other institutions is governed by the rules for transfer credit and credit by examination. If a MOOC was taken and transcripted at an accredited institution of higher education, decisions about credit for the MOOC are made according to the rules for transfer credit. (See Section 1320.10.) In some cases, credit for MOOCs may be earned according to the rules for credit by examination. (See Section 1320.40.)

1322 Transcript Requests

A student who has no unmet financial obligations to Georgia State University is entitled to receive, upon request, a copy of his or her transcript. Official transcripts of academic work completed at Georgia State University may be ordered viaPAWS at paws.gsu.edu. A student is entitled to five free lifetime official transcripts. Once a student has requested the five free, official transcripts, Georgia State will charge a $10.00 processing fee for each transcript processed thereafter. Students can print unofficial transcripts at no charge on PAWS. Processing an official transcript may take up to five to ten business days depending on when the request is made. Picture identification is required to pick up transcripts.

Transcript requests will not be processed until complete payment is received. Credit card payment is required for web requests.

Copies of official transcripts received from other institutions will not be made. Such requests must be directed to the institution holding the student's original records.

Routine copies of other information in the student's education records, with the exception of transcripts from other institutions and other items excluded from copying by practice or regulation will be provided upon written request. A fee may be charged to cover the cost of copying. Special certifications based on educational records will be provided upon written request when permissible.

Additional information on transcripts can be found on PAWS and on the University web site at http://registrar.gsu.edu/academic-records/transcripts.

Enrollment verification is obtained via the web at no cost to students and takes approximately 7 business days to process. Official enrollment verifications can be requested after the second week of the term.

1324 Enrollment and Degree Information

Enrollment Verification

To obtain proof of enrollment, students should access PAWS at paws.gsu.edu. At this site, students can do the following:

- Print a Certificate of Enrollment that can be forwarded to a health insurer, housing provider, employer, credit issuer, or other student services provider;
- View the electronic notification and deferment forms that have been sent to a lender; and
- View a list of lenders and real-time student loan information detail, such as outstanding principal balance and next due date that some lenders provide.

Once a student drops a course, those hours cannot be used for verification of enrollment purposes. A student's enrollment status may change if he/she drops or withdraws from a course or withdraws from the university. If a student is co-enrolled at another collegiate institution during the same semester he or she is enrolled at Georgia State University, only the enrolled hours at Georgia State can be used for enrollment verification purposes.

Degree Verification

To obtain proof that a degree has been awarded, students should go to http://registrar.gsu.edu/graduation/degree-conferral-and-diploma-information.

At this site students can provide proof of degree to such agencies as third-party verifiers, credit card companies, and credit approval agencies. This is a website of the National Student Clearinghouse. The Clearinghouse provides degree verification services to Georgia State students.

Additional information on enrollment and degree verification can be found on the Office of the Registrar web site at http://registrar.gsu.edu.

1330 Registering for Classes

1330.05 Office of the Registrar

2nd Floor Sparks Hall, Enrollment Services Center
http://registrar.gsu.edu/assistance/

1330.10 Registration Procedures

Students may not attend a course unless they have registered and paid for that course. Each semester students should go online for detailed information concerning the enrollment and registration process.

Registration information can be found on registrar.gsu.edu and by accessing PAWS (Panther Access to Web Services) at paws.gsu.edu.

Students are urged to become knowledgeable about the entire enrollment process, which includes ensuring financial aid eligibility for the term and ensuring paying of tuition and fees by the payment deadline for that particular term. Information on payment deadlines can be found on the Student Financial Services website at sfs.gsu.edu.

Where Registration Takes Place

Registration for courses takes place through PAWS where a list of courses offered for the semester can be found, as well as time ticket information, the registration agreement and student holds that need to be addressed to permit registration for the term.

Preparing and Registering for Classes – Enrollment Process

Registering students should prepare a registration worksheet and ensure they meet all course prerequisites. Unless approved by the department chair, a student may only register for one section of a given course in a given session/term. **All transactions can be completed on PAWS.**

Step 1: Run a Program Evaluation to Review Remaining Course Requirements and Schedule Advisor Appointments as Necessary

Step 2: Register for Classes

Step 3: Check Financial Aid Requirements for Eligibility and Accept Aid

Step 4: View and Pay Charges on Panther Pay

Step 5: Print your Course Schedule

Step 6: Print the Semester Academic Calendar on the Registrar's page

Any deviation from the prescribed procedure may result in unnecessary delays in registration or errors in the resulting schedule. The Office of the Registrar cannot be held responsible for errors resulting from the student's failure to follow the prescribed registration, schedule adjustment and payment procedures. Any problems experienced with registration should be reported to the Enrollment Services Center in person, at 227 Sparks Hall within 24 hours of the occurrence.

1330.12 Registration Notifications When Returning to Georgia State

All students must notify the Office of Undergraduate Admissions prior to registering if the student has attended another school since last attending Georgia State. The student must have an official transcript of credits sent from the school he or she attended. The student must be eligible to reenroll at the last school attended before he or she returns to Georgia State. Failure to submit this transcript by the midpoint of the first term after returning to Georgia State could result in the placing of a registration hold on the student's

record.

1330.15 Registration Time-Ticket Assignments

Students who are eligible to register will be given a registration time-ticket assignment approximately two weeks before registration begins. Students can find their registration time-ticket assignments by accessing PAWS at paws.gsu.edu.

Students will also receive an email referring them to PAWS where they can view their registration time-ticket assignments.

A student's time-ticket assignment is valid beginning at the student's assigned time and continues through the last day of registration. Time-tickets are assigned with priority to students scheduled to graduate during the upcoming term, students in the Honors College, and approved student groups with documented limitations on their ability to register. Other continuing students are assigned tickets according to the total credit hours earned. Once a student is allowed access, the student can adjust his or her schedule on a first-come, first-served basis during the remaining registration period. Many classes fill up quickly. It is to the student's advantage to attempt to register as soon as he or she is allowed access to the registration system.

1330.18 Late Registration

Registrations are considered late once the semester has begun. During late registration, access is on a first-come, first-served basis. It is important that students register prior to the semester beginning in order to have the best opportunity to enroll in courses needed for degree completion. If a student's first attempt to register is during late registration, a $50 non-refundable late fee will be charged. This $50 fee will also be charged if a student is dropped for nonpayment of fees and attempts to re-register during late registration.

If a student appeal to add a class after late registration has ended, after the 1st Friday of the term, is approved, the student will be charged a $37.50 manual schedule adjustment fee. This fee is charged for each appeal approved. Appeals should be directed to the department that teaches the course the student wishes to add. If a student decides not to attend the course once the appeal has been approved and added to the student's schedule, the student must officially withdraw from the course on PAWS, prior to the semester midpoint.

1330.20 Immunizations

Immunization Office
141 Piedmont Avenue, Suite D
health.gsu.edu

All new students attending regularly scheduled classes on campus or receiving resident credit are required to submit a certificate of immunization prior to registering for and attending such classes.

The immunizations required are Measles, Mumps & Rubella (MMR), Tetanus/Diphtheria/Pertussis

(Tdap), Varicella (chicken pox), and Hepatitis B. In addition, the Meningitis Law requires students residing in university housing to have the Meningococcal vaccine. For more information, see the Georgia State Clinic website updates at health.gsu.edu.

Every student attending classes on campus must complete the immunization requirements of the University System of Georgia. The requirement varies according to the age of the student as follows:

- Students 18 years or younger at the beginning of the term must show proof of immunity to Hepatitis B, MMR, Tdap, and Varicella (chickenpox).
- Students 19 years and older at the beginning of the term are strongly recommended to be immunized for Hepatitis B, but they are not required to show proof of immunity to Hepatitis B. They are required to show proof of immunity to MMR, Tdap and Varicella.
- Students born *outside* the United States on or before 12/31/1956 must show proof of immunity to Tdap and Varicella only.
- Students born *in* the United States on or before 12/31/1956 are required to show proof of Tdap only.
- Students born *in* the United States on or before 12/31/1980 are exempt from showing proof of the Varicella vaccine. They are required to submit proof of immunity for MMR, Tdap.
- Students born 12/31/1980 or later must submit proof of MMR, Varicella and Tdap.
- Students born *outside* the United States 01/01/1957 or later must provide proof of MMR, Tdap, and Varicella.

The Immunization Office must receive these records two weeks before the last day of late registration. It will take two to three business days to enter the data into the system. Immunization holds will be placed on student accounts to prevent registration and drop/add until the requirement is satisfied.

Students seeking exemption for religious reasons must submit a completed Georgia State University *Certificate of Immunization* form to the Immunization Office indicating their religious exemption request. Students with medical reasons for exemption must submit a doctor's letter indicating if this is a permanent or temporary exemption, and, if temporary, the date of expiration. When the temporary exemption expires, the student must complete all immunization requirements. In the event of an epidemic or a threatened epidemic of any disease preventable by immunization, and when an emergency has been declared by appropriate health authorities, additional steps will be undertaken to protect the health of the University community. In the event of a declared public health emergency, persons who do not have proof of immunization on file will not be allowed to participate in classes or other activities on campus.

Students seeking military exemptions must show their DD214 form or Military ID proving active within the last 2 years.

Additional information and copies of the immunization certification form may be obtained by contacting the Immunization Office located in 141 Piedmont Avenue, Ste. D, or by telephone at 404-413-1940, or online at health.gsu.edu.

Meningitis: Georgia law requires that students residing in campus housing be provided information on meningococcal disease and vaccination. After reviewing information about the risks for the disease and the benefits of prevention by the meningitis vaccine, students 18 years and older are required to sign a form kept on file in the Housing Office. Students less than 18 years of age must show their parent or guardian's

signature on the form. This "Meningococcal Disease Notification" form documents that the information was reviewed and the option of the vaccine was provided, and/or date the vaccination was elicited. Compliance with the state law is a requirement for residing in campus housing and is part of the housing contract. Forms and further information are available from the Housing Office at 404-413-1800 or by email at housing@gsu.edu.

1330.25 Audit Status

Enrolled students who wish to audit a course must get approval from the course instructor. Registration for an audit is done in the Office of the Registrar, 225 Sparks Hall. Students should not pre-register for courses they wish to audit. Any fees for auditing a class are assessed just as they are for courses taken for credit. Any requirements for prerequisites must be satisfied before registering to audit a course. No academic credit is earned in this status. Audit status is not covered by financial aid, and audit hours do not apply toward full-time enrollment. Students may not transfer from audit to credit status or vice-versa after the last day to register for courses.

1330.30 Course Load

Full-time Course Load: To be certified as full-time students, students must carry a minimum of 12 semester hours. However, a course load of 30 semester hours per year is required in order to complete an undergraduate degree program in four years.

A student who is enrolled in less than a full-time course of study at Georgia State may be in jeopardy of the following:

- Losing insurance coverage under his or her parent/guardian's insurance policy;
- Being placed on a loan repayment schedule by a lender or guarantor if the student is the recipient of federal financial aid; and/or
- Losing a scholarship if the guidelines for receiving the scholarship require full-time enrollment.

Half-time Course Load: Half-time enrollment is 6 to 11 semester hours for students.

Increased Course Load: A student may schedule as many as 18 semester hours without special permission. Requests for exceptions to the maximum course load of 18 semester hours will be considered by the University Advisement Center or the Office of Academic Assistance of a student's college if the student has completed a course load of 15 semester hours in some previous semester at Georgia State University with a grade point average of at least 3.00 for the semester and if either of the following conditions is met:

- The student attained the President's List designation during his or her most recent enrollment at Georgia State and, if a reentering student, has achieved a grade of A for all credit hours earned elsewhere since the most recent enrollment at Georgia State; or
- The student has earned 60 semester hours of credit and has a cumulative grade point average of at least 3.00 for the preceding two semesters of residence.

International Students: International students in the student visa status of F and J are required to carry a full-time course load as defined by the Department of Homeland Security (currently 12 credit hours per semester for undergraduate students). An international student who is enrolled on a student visa may be in jeopardy of being out of compliance with the Department of Homeland Security if enrolled in less than a full-time course of study. Additionally, those F and J international students enrolling for the first time in summer school must carry six credit hours to be considered full-time for immigration purposes.

1330.33 Registration Restrictions

Registration in some courses in some majors is restricted. See the following sections of this Catalog for more information.

All majors in the Robinson College of Business	Section 7000
Criminal Justice	Section 2105
Exercise Science	Section 4120
Film and Video	Section 3270
Journalism	Section 3380
Nursing	Section 5030
Teacher Education	Section 1605
Social Work	Section 2140

1330.35 Taking a Course More Than Once

Colleges may limit the number of times a student can take a course for a grade. Colleges may place this limit on some courses but not others, and different courses may have different limits. All limits are stated in the catalog. For purposes of this policy, a student takes a course for a grade when they receive a grade notation included in the grade point average calculation. For example, a student who earns an A or a WF has taken the course for a grade, but a student who earns an S or W has not. If a student takes a course multiple times at another institution or at Georgia State, the grade earned in the final attempt will determine the applicability of the course to the degree requirements. A student who wishes to take a course more times than authorized by the college must enroll as an auditor.

1330.40 Cross Registration

Georgia State University students may enroll in courses offered by member institutions of the Atlanta Regional Consortium for Higher Education (ARCHE) under a cross registration agreement. Students who wish to cross register must meet all eligibility requirements under the ARCHE agreement and the University. Courses taken through cross registration are considered resident credit. Students may learn more about cross registration or obtain an ARCHE Cross Registration Application at http://registrar.gsu.edu/registration/cross-registration/.

Cross Registration Application Deadlines

- Fall Semester: July 26
- Spring Semester: December 1
- Summer Semester: May 1

Eligibility Criteria

- Students must be in good standing and have a minimum Georgia State University cumulative GPA of 2.0 and the required GPA to enroll in the Georgia State course which is most similar to the course the student wishes cross register
- Students must be concurrently enrolled in at least one Georgia State course.
- Students must meet prerequisites for requested course(s) as defined by Georgia State University and the host institution.
- Students must meet the host institution's immunization and health requirements.
- First-semester freshmen may not cross register (unless cross registering in courses for purposes of ROTC training or marching band).

Course Restrictions

Students may not cross register for a course if

- The course is offered at Georgia State that semester.
- The course has been previously attempted at Georgia State (including attempts which resulted in a withdrawal or an unsatisfactory grade).
- The course or an appropriate substitute is routinely available at Georgia State (that is, offered each semester or on a specified regular basis, such as every fall). Determination of whether the course is routinely available is made by the advisement office in consultation with the chair or director of the academic unit that offers the course.
- The College and/or degree program has restrictions or departmental requirements for the specific course.
- The student expects to graduate from Georgia State during the semester the student wishes to cross register a course.

Students are limited to two cross-registered courses per semester, and the combined course load at Georgia State University and the host institution may not exceed 18 credit hours.

The student's transfer credit, cross registration credit, and credit by examination applicable to their degree program may not exceed 75 percent of their degree requirements.

Procedures

Students who wish to cross register must complete and submit an ARCHE Cross Registration Application to the Office of the Registrar, room 225, Sparks Hall. Cross Registration Applications are available online: http://registrar.gsu.edu/registration/cross-registration/.

Students who wish to take academic courses at an ARCHE institution must obtain written approval in advance from the University Advisement Center or the Office of Academic Assistance in the student's

college. Course outlines (syllabi) and catalog information may be required so content can be evaluated before approval is granted by the Office of Academic Assistance.

Students are not allowed to pre-register in courses they wish to cross register. Once all approvals have been obtained, the host institution's Cross Registration Coordinator will register students for the approved course(s) on a space-available basis after the host institution's regularly enrolled or continuing students have had first priority for registration. The host institution's Cross Registration Coordinator will inform the student of approval and registration status.

Georgia State University's students will pay Georgia State University's tuition and fee rates via PAWS. However, special fees (lab fees, parking and equipment lease) and security deposits must be paid to the host institution.

Students must abide by all host institutions' policies and schedules regarding immunization requirements, grades, exam dates, absences, and add/drop/withdrawal deadlines. To withdraw from a course, both Georgia State University and the host institution's withdrawal procedures must be followed. Changes in registration must be approved by Georgia State University and the host institution's Cross Registration Coordinators.

Upon completion of the course, the host institution's Cross Registration Coordinator will send a final transcript to Georgia State University. Students who receive a grade of Incomplete at a host institution should recognize that the time limit for removal of a grade of Incomplete must not exceed Georgia State University's deadline for removal of a grade of incomplete (see section1350.30 Changes in Grade). It is the student's responsibility to request an official transcript from the host institution once the grade of Incomplete has been satisfied and a final grade has been assigned.

Students must complete a new ARCHE Cross Registration Application for any subsequent term.

Cross registration is available in the summer on a limited basis. Consult the Office of the Registrar for more information. The participating ARCHE member institutions are: Agnes Scott College, Atlanta College of Art, Brenau University, Clark Atlanta University, Clayton State University, Columbia Theological Seminary, Emory University, Georgia Gwinnett College, Georgia Institute of Technology, Interdenominational Theological Center, Kennesaw State University, Mercer University Atlanta Campus, Morehouse College, Morehouse School of Medicine, Oglethorpe University, Savannah College of Art and Design – Atlanta, Southern Polytechnic State University, Spelman College, State University of West Georgia, and University of Georgia.

Cross registration credits count as resident credit and all grade requirements apply. (See Sections 1440, 1450, 1460, and 1480.)

1330.55 Off-Campus Courses

Many courses are offered to Georgia State University students at satellite locations. Students taking these courses must meet the same academic requirements and deadlines as students attending classes at the downtown campus. Each semester a list of off-campus courses can be found by accessing the online registration system in PAWS at paws.gsu.edu.

1332 Revision of Class Schedules (Add/Drop/Withdraw)

Students who wish to revise their class schedules must follow the procedure appropriate for the period of time in the semester (see section 1332.10 below). **During the published registration periods for each semester, students may revise their schedules by accessing PAWS**. Schedule revisions are defined as any changes to a student's schedule and include dropping and/or adding classes.

To remove a course from a class schedule during the published registration period is referred to by the University community as "dropping" a course. Dropped courses do not appear on the student's official record. After the last day to add/drop a course, students may "withdraw" from a course when they decide to stop attending. Withdrawn courses appear on the student's official record. Withdrawing from a course prior to the midpoint of the term makes the student eligible for a grade of W if the withdrawal limit has not been exceeded. This grade is reflected on the student's official record. After midpoint, the student will receive the grade the instructor assigns.

All schedule adjustments must be completed by the official last day to register for courses as published in the online Semester Calendars at paws.gsu.edu. Printable calendars can also be found on gsu.edu under the Registrar's page. If an institutional error has occurred, and a student wishes to be allowed to register for a course after the deadline, the student should contact the department offering the course.

1332.10 Dropping Classes and Voluntary Withdrawal

Students are responsible for formally dropping or withdrawing from courses using the online registration system, PAWS at paws.gsu.edu. Students should not simply stop attending. Students should be aware of the financial and academic consequences of dropping and withdrawing from courses by consulting with an academic advisor and referring to information concerning the tuition refund schedule found on the Student Financial Services' web page, which is located on the www.gsu.edu website.

Georgia State University reserves the right, at any time during the semester, to drop any student from classes for failure to pay tuition and fees. However, students should not assume that Georgia State will drop them from classes for failure to pay tuition and fees.

A. Registration Time Periods
    1. **Adding/Dropping Time Period:** When registration opens for the term up until 5 p.m. the first Friday of the term, students may:
        - Add courses on PAWS
        - Drop courses on PAWS to no longer appear on the student's official transcript. Note: Students will no longer be charged tuition for courses that are dropped at this time unless an equal credit hour course is added as well. (Refer to the tuition refund schedule on the Student Account web page at gsu.edu. Note: dropping courses and lowering your credit hours for the term may have consequences academically and for financial aid eligibility)
        - After this time, students will not be able to add or drop courses on their own.

2. **Schedule Adjustment – After the first week of classes up until the Midterm**
    - Students may withdraw from a class or classes on PAWS.
    - Students will receive a grade of W or WF for any class withdrawn during this period depending on whether or not they have exceeded their limit of withdrawals with a grade of W.
    - Specifically, students will automatically be awarded a W if they have not exceeded their limit and a WF if they have. Grades of W and WF appear on the student's transcript. (Note: A grade of WF is treated as an F for GPA calculation purposes.)
    - Note: The last day for a student to add a class in PAWS is the first Friday of the term at 5 p.m.
    - As of the second week of classes, faculty have the discretion to request to add or drop students from classes if an administrative academic error has occurred. Factors such as space availability and health and safety regulations may apply to such requests. During the second week of classes, faculty have until Friday at 5 p.m. to submit a request to add or drop students from classes.
3. **After the midpoint of the term**: During this period, voluntary withdrawals are not allowed via PAWS.
    - Students can no longer voluntary withdrawal from classes
    - Grades will be posted based on those assigned by instructors.
    - Students are responsible for consulting the course syllabus for specific instructor policies regarding such matters as penalties for missing the first class, an exam, an assignment or a project. These may include, among the other things, being dropped or withdrawn from a course.

B. Limits on Withdrawals with a Grade of W

1. Students are allowed to withdraw with a grade of W a maximum of six times in their undergraduate careers at Georgia State.
2. The limit on withdrawals does not apply if a student withdraws from all classes during a term before the midpoint. However, students are only allowed to withdraw from all classes prior to the midpoint twice without having their withdrawals count against the limit. Students who withdraw from all classes a third or subsequent time will automatically receive a grade of WF in their classes if they have reached their limit of Ws.
3. It is possible that a student will withdraw from more than one class in a particular semester and not have enough Ws left to use a W in all those classes. In that case, classes will be awarded a W based on the date and time the student initiated the withdrawal from that class. For example, if a student had taken five Ws in their career at Georgia State and then withdrew from three of the four classes in which the student is enrolled, the student's sixth W allowed would be assigned to the class from which the student withdrew first. The student would receive a WF in the other two classes. In these cases, students may make an appeal to the University Advisement Center or the student's Office of Academic Advisement to shift the W from one class to another. Such requests must be made no later than the end of the subsequent semester in which the student withdrew from the classes. (Whether a student is enrolled in the semester after the semester in which the student withdrew from the classes does not change this time limit.) Students may not shift Ws between semesters.
4. The following types of withdrawals do not count against the limit on withdrawals with a grade of W.
    - Emergency withdrawals (see Section 1332.40).
    - Grades of WF (withdrawal failing).

    - Grade of WM (withdrawal military).
    - Grade notation of – before the grade of W indicating non attendance documented by the professor.
    - Withdrawals taken in semesters before Fall Semester 2006.
    - Withdrawals taken at other institutions.
5. This policy applies to all degree-seeking undergraduate students. It does not apply to non-degree students (such as post baccalaureate and transient students).

Students formally withdrawing from **all** classes may be entitled to a partial refund of their fees (see Section 1240).

In an emergency situation that precludes personal action to withdraw from classes, a student may communicate with the Office of the Dean of Students, http://deanofstudents.gsu.edu/.

1332.20 Withdrawals and Drops from Off-Campus Courses and Cancelled Courses

In general, if a student voluntarily withdraws from an off-campus course, then the normal withdrawal policy applies (see section 1332.10). If the off-campus course's schedule does not match a Georgia State University term, then the mid-point of the course will be the mid-point of the period from the first off-campus meeting of the course to the last meeting of the course.

If a course is cancelled by Georgia State after the first week of classes, then the student may choose between the following options:

- They may have the course dropped from their schedule (even if the course is cancelled after the end of Late Registration), or
- They may take a W in the course, or
- In coordination with the course instructor and the department chair, the student may develop an academically appropriate plan to complete the course. These plans must be approved by the instructor and the department chair.

1332.30 Involuntary Withdrawal

Students are expected to observe all policies governing the class. Faculty must clearly state these policies in the course syllabus. When a faculty member determines that a student is in violation of one of the class policies (for example, has missed a required assignment or has excessive absences), that faculty member may withdraw the student from the course. Students involuntarily withdrawn prior to the midpoint of the course will be assigned a grade of W unless they have exceeded their maximum number of withdrawals allowed (see Section 1332.10). Students involuntarily withdrawn after the midpoint of the course will be assigned a grade of WF. Note that a WF is treated as an F for GPA calculation purposes. Using the official Georgia State University email system, the instructor will notify a student who is involuntarily withdrawn, and within ten days of this notification, the student may petition to the department chair for reinstatement in the course.

Students involuntarily withdrawn from all classes may be entitled to a partial refund of their fees (see

Section 1210).

1332.40 Emergency Withdrawal

Students may request an emergency withdrawal when a non-academic emergency situation occurs that prevents them from completing their course work (e.g., severe medical problems, traumatic events) and when the timing or nature of the emergency prevents them from voluntarily withdrawing from their classes. (See Section 1332.10.) Emergency withdrawals are subject to the following restrictions:

- Students must initiate an application for an emergency withdrawal no later than two academic years after the semester in which the courses were taken.
- Students may request emergency withdrawals in a maximum of two semesters of their enrollment at Georgia State.
- Students may not request an emergency withdrawal after degree conferral.

Emergency withdrawals normally apply to all the courses a student took in a semester. In exceptional cases, emergency withdrawals may be granted for some of a student's courses. Students requesting an emergency withdrawal in some but not all of their courses must provide documentation to justify a partial withdrawal.

If a student is granted an emergency withdrawal, W grades will automatically be awarded. W grades awarded as a result of the emergency withdrawal process do not count against the student's voluntary withdrawal limits. (See Section 1332.10.)

For further information on emergency withdrawals, contact the Office of the Dean of Students at deanofstudents.gsu.edu.

1332.45 Military Withdrawal

Withdrawal for Military Service: Refunds and Grades

Full refunds of tuition and mandatory fees and pro rata refunds of elective fees may be considered for students who are:

1. Military reservists (including members of the National Guard) who, after having enrolled in courses and paid tuition and fees, receive orders without prior notice to active duty, reassigned for temporary duty, or mandatory training and the orders prevent completion of the term;

2. Commissioned officers of the United States Public Health Service Commissioned Corps (PHSCC) who receive deployment orders in response to a public health crisis or national emergency after having enrolled in courses and paid tuition and fees and the orders prevent completion of the term;

3. Active duty military personnel who, after having enrolled in courses and paid tuition and fees, receive reassignment, a temporary duty assignment, or a training assignment without prior notice and the orders prevent completion of the term; or,
4. Otherwise unusually and detrimentally affected by the activation of members of the reserve

components or the deployment of active duty personnel of the Armed Forces of the United States who demonstrate a need for exceptional equitable relief.

This policy does not apply to a student enlisting in the Armed Forces prior to or during a semester, unless the student presents documentation showing his/her date to report to initial training was changed without the student's prior knowledge and the new reporting date prevents completion of the term.

Students must officially withdraw and submit official orders to the Office of the Registrar, Military Outreach Center. The student is not eligible for a military withdrawal in any course in which the student has completed the course requirements (for example, taking the final exam or submitting the final paper) and/or a grade has been assigned. Elective fees are to be prorated according to the date on which the student officially withdraws. Students who withdraw and receive a full tuition refund will receive a grade of "WM" (military withdrawal) for all courses from which the student has withdrawn.

Withdrawal for Military Service: Refunds and Grades

Appeals Committee

Per the BOR's policy on Military Service Refunds, 7.3.5.3, requests for exceptional relief are made directly to the president of the institution and the president will make a determination on each request expeditiously.

Requests for course withdrawals due to military service will first be considered by the certifying officials in the Office of the Registrar, Military Outreach Center. If a student's request is denied and the student feels his/her case requires exceptional relief due to an unusual or detrimental activation, then the request will be considered by the Military Outreach Committee.

The Military Outreach Committee consists of academic advisors, VA benefit certifying officials, ROTC representatives, associate deans and university representatives from the Counseling Center and Affirmative Action. This committee will make recommendations to approve or deny students' requests to the Vice President for Enrollment and Provost/VP for Academic Affairs.

Appeals of the decision of the Vice President for Enrollment and Provost/VP for Academic Affairs may be initiated by the student within 5 business days of notification of the Vice President for Enrollment's decision and will be considered by the Provost.

Appeals of the decision of the Provost may be initiated by the student within 5 business days of notification of the Provost's decision and will be considered by the President.

1332.50 Non-Academic Withdrawal

In the judgment of the Dean of Students, a student may be withdrawn from the university for non-academic reasons when it is determined that the student has demonstrated behavior that: (a) poses a significant danger or threat of physical harm to the person or property of others; or (b) interferes with the rights of other members of the university community or with the exercise of any proper activities or functions of the university or its personnel. Except in situations where the student is believed to be an

imminent threat to others, as determined at the sole discretion of the University, a student shall, upon request, be accorded an appropriate hearing prior to the final decision concerning his or her continued enrollment at the university. In situations involving an imminent threat, the student will be provided a hearing as soon as possible after the withdrawal occurs. The instructor will assign students who are non-academically withdrawn a grade of W or WF (depending on whether they have exceeded their maximum number of withdrawals allowed) if they are withdrawn before the semester midpoint and a WF if they are withdrawn after the semester midpoint.

1334 Class Attendance

The resources of the University are provided for the intellectual growth and development of its students. The University expects each student to take full responsibility for his or her academic work and academic progress. Students are expected to attend classes in order to gain command of the concepts and materials of their courses of study. As such, the University does not mandate the number or percentage of absences that are acceptable but suggests a guideline of 15 percent for determining an excessive level of absence. The specific class attendance policies for each class are at the discretion of the instructor, in accordance with the policies of the department and college.

All matters related to student absences, including making up work missed, are to be arranged between the student and the instructor before the semester begins or on the first week of classes. All instructors will, at the beginning of each semester, make a clear statement in the course syllabus for each of their classes, describing their policies for handling absences. Students are obligated to adhere to the requirements of each course and of each instructor. Instructors are encouraged to provide avenues for students to make up examinations and other work missed due to an excused absence.

Excused absences are recognized in the following cases:

1. **University-Sponsored Events.** Absences due to activities approved by the Office of the Provost, in which a student is an official representative of the University will be recognized as excused when the student informs the instructor in writing during the first week of the semester of his or her participation in an activity that may generate excused absences and the dates of planned absences for the semester. If requested, the appropriate university official will provide a memo stating the official nature of the university business in advance of the activity. Absences due to similar events, which could not have been anticipated earlier in the semester, will be recognized as excused absences upon advance notification of the instructor by an appropriate faculty advisor or administrator.
2. **Legal Obligations.** Absences due to legal obligations (for example, jury duty, military orders) will be recognized as excused absences. The student must provide the instructor with written documentation of such absences at the earliest possible date.
3. **Religious Observances.** Students wishing to have an excused absence due to the observation of a religious holiday of special importance must provide advance written request to each instructor by the end of the first week of classes.

Class Attendance by Veterans

The Department of Veterans Affairs requires that institutions of higher learning immediately report to them when a student discontinues attendance for any reason. Instructors must report to the Registrar's

Office the absence of a veteran student as soon as it is known that the veteran student will not be returning to class. Generally, this should be reported after one week of absences and no later than two weeks of nonattendance by a veteran student.

In addition, it is suggested that the faculty give due consideration to absences relating to the following events: death or major illness in student's immediate family, illness of a dependent family member, illness that is too severe or contagious for students to attend class.

1336 Final Examinations

A student shall not be required to take more than two examinations within one 24-hour period during the published final examination period. More than two examinations within 24 hours are referred to as clustered examinations. A student who discovers an exam scheduling conflict should notify his or her professor at least 14 days prior to the final exam period beginning.

A student is considered to have an inappropriate clustering of final examinations when more than two examinations fall within 24 hours (for example, examinations at 8:30 a.m., 11:30 a.m., and 6:00 p.m. on the same day, or examinations at 6 p.m. on one day, and at 8:30 a.m. and 2:30 p.m. on the following day); the student is not considered to have an inappropriate clustering of examinations if the third examination in sequence begins at the same time on the subsequent day as the first examination (for example, 6:00 p.m. on one day, and 2:30 p.m. and 6:00 p.m. on the following day).

Students who have three or more clustered examinations may request of one professor that the examination be rescheduled according to the following procedure:

- If a final examination was rescheduled and thereby created a "cluster," the instructor of the rescheduled examination will provide a special administration for the adversely affected student.
- If one or more of the clustered examinations is a "common examination" with an established conflict resolution time, the student may request to resolve the conflict by taking one of the common examinations in the conflict resolution time. If two or more of the examinations are "common examinations," the student may choose which "common examination(s)" is to be rescheduled.
- If one of the clustered examinations is not a common examination or the result of rescheduling, the instructor of the middle examination(s) will provide a special administration for the adversely affected student.

Students must inform the instructor, in writing and at least 14 days before the beginning of the final exam period, that a clustered examination situation exists with respect to that instructor's course and that the student will need to take the final examination as a special administration. If a student fails to inform the instructor, in writing and at least 14 days before the beginning of the final exam period, the instructor is not required to provide a special administration of the final examination.

Once a student has taken an examination, he or she cannot request a reexamination on the basis of this policy.

1340 Classification of Students and Courses

1340.10 Class Standing

Students are classified on the basis of total earned hours of academic credit as follows:

Student Status	Semester Hours
Freshman	0-29
Sophomore	30-59
Junior	60-89
Senior	90 or more

The classification under which a student registers at the beginning of any semester will continue through that semester.

1340.20 Change of Catalog Edition

Students must normally satisfy the degree requirements of the catalog in effect at the time they enter Georgia State University. However, in some circumstances, revisions may be required to provide more effective programs. The term "degree requirements" refers to the courses and grades required to earn the degree. Changes in academic regulations affect all students, regardless of the catalog edition; examples include the scholastic discipline policy, procedures for removing incomplete grades, and appeals procedures.

There are several instances when a student will be required to change catalog editions and satisfy the curricular degree requirements of the catalog in effect at the time he or she:

- Officially changes colleges within the university;
- Officially changes their degree;
- Officially changes majors within a college;
- Officially changes from post baccalaureate status to any degree-seeking status;
- Reenters the university after an absence of three or more semesters
- Reenrolls at Georgia State after attending another institution as a transient student with the intention of transferring credits earned at the other institution to Georgia State without having followed protocol as outlined on the Registrar's Transient Request Form. This regulation applies to any length of absence from the university. In such cases, students are considered to be transfer students;
- Reenrolls at Georgia State after attending another institution as a transfer student. This regulation applies to any length of absence from the university; and
- Has not graduated by the time his or her catalog edition is ten years old.

Students may choose to satisfy the degree requirements of a later catalog, but, if they choose to do this, they must meet all the requirements of the later catalog. Degree requirements of more than one catalog edition cannot be combined. Students who choose to satisfy requirements of a later catalog must notify the University Advisement Center or the Office of Academic Assistance of their college.

Any requests for exceptions to the "change of catalog edition" policy must be submitted as an appeal of academic regulations and graduation requirements and processed as a University level petition.

1340.30 Declaration of Major

All applicants other than freshman must declare a degree and major at application. All freshmen must declare a degree and major one calendar year after their first enrollment at Georgia State. Students are encouraged to declare a major as early as possible. This is especially true for students following a track in natural sciences, health sciences, or mathematics. Colleges and departments may require students to declare a degree and major earlier than indicated above. The Director of the University Advisement Center is authorized to grant exemptions to this policy.

1340.35 Change of Degree Major and College

Students may request to change majors within one college at Georgia State University or change to another college. If the request is approved, students will transfer their academic standings (good, warning, supervision, or probation). Some programs have special requirements for admission, so students should contact the University Advisement Center or the Office of Academic Assistance of the desired college to determine if special criteria apply.

To request a change of degree, major, or college, students should contact the University Advisement Center or the Office of Academic Assistance of the college in which they are currently enrolled. Students who change degree, majors or colleges will be required to satisfy the degree requirements in effect at the time the change is officially recorded. Students who have applied to graduate must declare their degree, major, and minor/concentration (if applicable) with their advisement office prior to their final semester to avoid a possible delay in graduating.

1340.40 Double Major

A double major consists of two separate majors in the same baccalaureate degree (for example, B.S. with majors in Criminal Justice and Psychology), regardless of the college or colleges in which that degree is awarded. A double major is earned when the student completes all requirements for each of the majors and all requirements for the degree. The minimum residence requirement of 39 semester hours at Georgia State University in courses numbered 3000 or above must be met for the first major. If the second major is completed concurrently with the first major, or within five calendar years of the first major, this requirement shall be deemed to have been satisfied for both majors.

After five years from the date of the awarding of the first major, credit that was used to satisfy the university's academic residence requirement cannot be applied toward the university's residence requirement for the second major. Regardless of when the second major is completed.

At least one-half of the courses comprising both majors must be taken at Georgia State.

Whether in one degree or two, a student may not graduate with more than two majors. (For example, a

student may not earn a B.S. with a double major in Economics and Psychology and also a B.A. in English. This would constitute three majors and would not be permissible.)

Students who wish to earn double majors should consult with the University Advisement Center or the Office of Academic Assistance of their current college and, if the second major is offered by another college in the university, with the Office of Academic Assistance of the relevant college for information on procedures to follow.

The Dean of the Honors College may, in exceptional circumstances, allow a student in the honors program to complete three majors in one or two degrees.

1340.45 Dual Degrees

Dual degrees are earned when a student satisfies all requirements for two different baccalaureate degrees (for example, B.A. and B.S.) within one or more colleges of Georgia State University. The minimum residence requirement of 39 semester hours at Georgia State University in courses numbered 3000 or above must be met for the first degree. If the second degree is completed concurrently with the first degree, or within five calendar years of the first degree, this requirement shall be deemed to have been satisfied for both degrees. After five years from the date of the award of the first degree, credit that has been used to satisfy the university's academic residence requirement for this degree cannot be applied toward the university's minimum academic residence requirement for the second degree. Regardless of when the second degree is completed, both degrees require that at least one-half of the courses comprising the major must be taken at Georgia State. If a department offers more than one degree, it may prohibit a student from earning more than one degree in that department. This restriction will appear in the Program Degree Requirements section of the description of the major.

Students who wish to earn dual degrees should consult with the University Advisement Center or the Office of Academic Assistance of their current college and, if the second degree is offered by another college of this university, with the Office of Academic Assistance of the relevant college for information on procedures to follow.

1340.50 Dual Undergraduate/Graduate Degree Programs

Georgia State offers a number of dual undergraduate/graduate degree programs where select, high caliber students can complete both the bachelor's degree and one of several prestigious graduate degrees in up to a year's less time than it would take to pursue the two degrees consecutively. A list of the specific dual degree programs offered and information regarding admission qualifications can be found at http://enrollment.gsu.edu/catalogs/dual-undergraduate-graduate-degree-programs/.

1340.60 Classification of Courses

Courses are numbered as follows:

Student Status	Number Range

Prefreshman	0001-0099
Freshman	1000-1999
Sophomore	2000-2999
Junior	3000-3999
Senior	4000-4999
Graduate	5000 or higher

1350 The Grading System

1350.10 Grades

The following grades are used to specify level of performance in academic courses:

A: Excellent
B: Good
C: Average
(Minimum grade required for certain courses, as specified elsewhere in this catalog.)
D: Poor
A grade of D, while earning credit hours, will not apply toward the degree in courses requiring a grade of C or higher. Georgia State University will allow no more than 12 semester hours of D grades to apply toward degree requirements. Certain programs limit this further. See Section 1450 for more details.
F: Failure
This grade indicates failure. No credit toward graduation is given for a course in which a grade of F was received.
WF: Withdrawal while Failing
This grade indicates failure. No credit toward graduation is given for a course in which a grade of WF was received. A WF and F are treated the same for GPA calculation purposes.

The grades listed below are approved for use in the cases indicated but will not be included in the determination of a student's cumulative grade point average:

W: Withdrawal
This symbol indicates that a student was permitted to withdraw from the course without penalty. (See "WF: Withdrawal While Failing" above, and Section 1332)
WM: Military Withdrawal
This symbol indicates that active duty military personnel and military reservists (including members of the National Guard) received emergency orders to active duty or reassignment during the term (see Military Withdrawal, Section 1332.45).
I: Incomplete
The notation of I may be given to a student who, for nonacademic reasons beyond his or her control, is unable to meet the full requirements of a course. In order to qualify for an "I", a student must:

- Have completed most of the major assignments of the course (generally all but one); and
- Be earning a passing grade in the course (aside from the assignments not completed) in the judgment of the instructor.

When a student has a nonacademic reason for not completing one or more of the assignments for a course, including examinations, and wishes to receive an incomplete for the course, it is the responsibility of the student to inform the instructor in person or in writing of the reason. A grade of incomplete is awarded at the discretion of the instructor and is not the prerogative of the student. Conditions to be met for removing a grade of incomplete are established by the instructor. Registering in a subsequent semester for a course in which a grade of incomplete has been received will not remove the grade of incomplete. (See Section 1350.30, paragraph 2.) No student may graduate with an "I" on his or her record for that degree program. If the requirements to remove a grade of incomplete are not met prior to the deadline, the grade of I will convert to a grade of F.

IP: In Progress

This symbol indicates that credit has not been given in courses that require a continuation of work beyond the term for which the student registered for the course. The use of this symbol is approved for dissertation, thesis, study abroad and project courses (such as student teaching, clinical practice and internships). The IP notation may be replaced with an appropriate grade by the instructor. This symbol cannot be substituted for an "I."This grade is used in the Learning Support Program (LSP) to indicate that a student has demonstrated academic growth in the course; however, the level of achievement is not sufficient to meet all of the course requirements. In LSP, the grade of IP is a permanent grade and does not meet the minimum exit criteria for any course in the program.

S: Satisfactory

This symbol indicates that credit has been given for completion of degree requirements other than academic course work. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. This symbol is also used in a Regents' Test Preparation Course when the Regents' Test was passed.

U: Unsatisfactory

This symbol indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. No credit will be given. The use of this symbol is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. This symbol is also used in a Regents' Test Preparation Course when the Regents' Test was not passed.

V: Audit

This notation is used when a student has audited a course. Students do not earn academic credit for such courses. See Section 1330.25.

K: Credit-by-examination

This symbol indicates that a student was given credit for a course based on successful performance on an examination approved for this purpose.

NR: Not Reported

This symbol indicates that a student's grade was not reported to the Registrar's Office by the deadline for reporting grades for the term as published in the on-line *Registration Guide*. The grade will be updated as soon as the instructor reports the grade.

GP: Grade Pending

This symbol indicates a grade will be assigned pending the outcome of an academic honesty case. See Section 1380.

1350.20 Cumulative Grade Point Average (GPA)

Georgia State University has three cumulative grade point averages that are used to determine academic progress and appear on student's permanent records.

Institutional GPA – Based on courses taken at Georgia State University

This cumulative grade point average is calculated by dividing all hours attempted at Georgia State University into total quality points earned. Quality points are calculated by multiplying hours earned for each course by the numerical value of the grade earned. (See the following table for numerical equivalents of letter grades.) Credits earned in other institutions, credit by examination, credits which carry S/U grades, CLEP credit, IB credit, AP credit, remedial courses and courses specifically excluded by University policy are not used in computing the grade point average.

The institutional grade point average is used in determining your academic standing, and determines your eligibility for graduation. (A 2.00 is required for undergraduate students for graduation.)

Overall Grade Point Average: – Based on courses taken at Georgia State University and transfer grades.

The overall grade point average is calculated by dividing all hours attempted at Georgia State University and those transferred into total quality points earned. Quality points are calculated by multiplying hours earned for each course by the numerical value of the grade earned. (See the following table for numerical equivalents of letter grades.) Credit by examination, credits which carry S/U grades, CLEP credit, IB credit, AP credit, remedial courses, and courses specifically excluded by University policy are not used in computing the grade point average.

This GPA is used by some departments that require admission to a major. See specific admission requirements within the program descriptions.

HOPE Grade Point Average: The HOPE grade point average is calculated by dividing all hours attempted since high school graduation. This will include credits attempted for remedial courses. The calculation of this GPA does not include plus or minus attributes. For example, both a B+ and B- will be treated as the equivalent of a B. All grades from previous institutions attended are calculated in this grade point average.

This GPA is used to determine eligibility for the HOPE scholarship.

All grade point averages are rounded to the hundredth place. For example, 2.676 is rounded to 2.68.

All attempts at all academic courses taken are included in these calculations, based on the definitions listed above, of total number of grade points earned and the total number of semester hours attempted.

The numerical value (grade point) for academic letter grades are as follows:

A+	4.30
A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
D	1.00
F	0.00
WF	0.00
IP	0.00

The symbols I (Incomplete), IP (In Progress), W (Withdrawal), S (Satisfactory), U (Unsatisfactory), V (Audit), K (Credit-by-examination), and NR (Not Reported) do not have numerical equivalents and are not used in calculating grade point averages. The Department of Veterans Affairs defines the U and V as non-punitive grades; however, veteran students should notify the veterans' counselor immediately upon receiving a grade of U or V.

1350.25 Repeat to Replace Policy

Under the conditions outlined below, undergraduate students who have retaken courses and earned a higher grade may request to have the first grade excluded from their institutional GPA. If the request is approved, the Office of the Registrar will make appropriate notations next to the original course and the retaken course on the student's official transcript. Grades for all attempts at the course will appear on the student's official transcript regardless of whether or not the grade has been excluded from the student's GPA. This policy has no effect on any GPA requirements set by state or federal laws/regulations (such as the GPA requirements set by the HOPE scholarship program). A copy of the request and approval will become part of the student's permanent record file. The attempt to repeat must be made in Fall 2011 or thereafter. Students who have repeated courses prior to this date will not be allowed to delete earlier attempts from their GPA calculation. Units may prohibit students from repeating certain courses.

An undergraduate student may request to have a grade excluded from GPA computation under the following conditions:

- Before requesting to apply the repeat-to-replace policy, a student must have retaken the same undergraduate course (or the renumbered substitute for that course) in the same department at Georgia State and earned a higher grade in the course retaken.
- No more than a total of four course grades (from four different courses) may be replaced and excluded from the student's GPA.
- Requests must be submitted before the beginning of the term of graduation.
- Once a request has been approved the request cannot be revoked or reversed.
- This policy applies only to the first recorded grade in a course that a student has repeated. For example, suppose that a student took a course three times. The student may use the second or third grade to replace the first grade. The student may not use the third grade to replace the second grade.

- Only grades that are part of a student's GPA may be replaced. For example, Ws, Ss, and Us cannot be replaced.
- This policy does not apply if the original grade was assigned as a result of a violation of the Academic Honesty policy. (The University maintains internal records of violations of the Academic Honesty policy. In addition, in some cases, violations of the Academic Honesty policy are noted on the transcript. Whether the violation is recorded internally or on the transcript, a student may not replace a grade that was awarded as a result of a violation of the Academic Honesty policy.)
- The Repeat-to-Replace applies only to degree-seeking students pursuing their first undergraduate degree at Georgia State.
- Students may not use this policy to replace grades awarded prior to semester conversion (for example, quarter courses).

1350.30 Changes in Grade

A course grade that has been reported by the instructor to the Office of the Registrar and recorded on the student's academic record cannot be changed except in the following circumstances:

- **Error in grade**. If a student believes that there is an error in a grade, the student should discuss the situation with the instructor. A request for a change of grade assigned by an instructor who has left the University should be addressed to the chair of the department.
- **Removal of an Incomplete**. A student receiving a grade of I (incomplete) is expected to consult with the instructor within the prescribed time limit and to complete all necessary work. The period of time given to a student to remove a grade of I is established by the instructor, subject only to the maximum time limit set by the University. The University requires that a grade of I be removed no later than the end of the second academic term after the grade of I was assigned (whether or not the student was enrolled during these two terms). The Office of the Registrar will assign a grade of F at the end of the second academic term unless the Office of the Registrar receives an approved grade change request from the instructor. (If the student enrolled for S/U grading, a U will be assigned.). Using the grade change request process, instructors may or may not change this F/U to an authorized academic grade (i.e., A, B, C, D, S or WF) but may not change it back to an I. Instructors may not change an I to a W unless an Emergency Withdrawal is awarded. In exceptional cases, departments may authorize students to have an I grade for more than two semesters. Such authorizations must be approved by the department chair. The authorization to extend the I beyond two semesters must be renewed each semester. Registering in a subsequent semester for a course in which a grade of incomplete has been received will not remove the grade of incomplete. (See Section 1350.30, paragraph 2.) No student may graduate with an "I" on his or her record for that degree program. If the requirements to remove a grade of incomplete are not met prior to the deadline, the grade of I will convert to a grade of F.

1350.40 Posthumous Grades

When a student passes away before completing all assignments in a course, that student will be awarded a grade of W in the course. However, if the student has completed more than half the work required for the course and earned a grade of A or B in that work, the instructor may award the student an A or a B.

See section 1490.40 concerning requests for a posthumous degree.

1352 Academic Recognitions

President's List: Degree-seeking students with a minimum Georgia State University cumulative grade point average (GPA) of 2.00 who complete at least nine semester hours of academic credit in fall or spring term (or six semester hours in summer term) with no Incompletes for the semester and who earn a 4.00 GPA will be placed on the President's List for the semester.

Dean's List: Degree-seeking students with a minimum Georgia State cumulative grade point average (GPA) of 2.00 who complete at least nine semester hours of academic credit in fall or spring term (or six semester hours in summer term) with no Incompletes for the semester and who earn a GPA of at least 3.50 shall be placed on the appropriate Dean's List for the semester.

President's and Dean's Lists are posted on the university website three to four weeks in the subsequent semester.

1352.20 Signature Experiences

A signature experience is an experience in which learning comes alive and students are encouraged to be active in their own education. Specifically, in a signature experience students:

(1) Apply what they are learning in the classroom to the experience

(2) Engage in an experience over a sustained period of time

(3) Learn through experiences that are not typically encountered in the standard classroom and

(4) Produce a final product that is evaluated by a faculty member.

The central learning outcome of a signature experience is the ability to apply knowledge/skills outside of a standard classroom context. Final products include (but are not limited to) research papers, conference presentations, presentation of works of art, case studies, and reflection papers. Signature experiences are offered as part of courses that earn course credit. Courses that have multiple sections can be either stand-alone signature experiences, where all students in every section participate in the signature experience component, or the course may have only specific sections with a signature experience dimension." Every major offers at least one signature experience. Common types of signature experiences offered by departments include Study Abroad, Practicums, Internships, Field Studies, and Research opportunities as well as the preparation of an Honor's Thesis.

There are six categories of signature experiences:

- Students have an Arts Signature Experience when they participate in the production or presentation of creative works.
- Students have a City Signature Experience when they participate in activities that are related to the unique challenges of urban environments.

- Students have a Global Signature Experience when they participate in activities that offer them the opportunity to learn and engage as global citizens.
- Students have a Professional Signature Experience when they participate in work-related experiences.
- Students have a Research Signature Experience when they work on a research project.
- Students have a Service Signature Experience when they integrate service and learning activities to address a community need.

Units may place appropriate prerequisites on admission to their signature experience courses. They may also limit the number of students who may enter a signature experience program and set up appropriate admissions processes to determine who is accepted into a signature experience.

1352.30 Global Scholars

At graduation, students who who earn a B or better in five 3000-4000 courses with a global perspectives designation will be recognized as Global Scholars.

To be eligible to be a Global Scholar, students must have an overall GPA of 3.0 when they become juniors. (Students who are juniors when they first enroll at Georgia State must have a transfer GPA of 3.0.) In addition, Global Scholar must have an overall GPA of 3.0 at graduation.

At least two of these five courses must be outside the discipline of the student's major. However, in cases, where a major gives credit for 3000-4000 courses outside its discipline, those courses count as being outside the discipline of the student's major. For example, the pre-education concentration of the major in African-American Studies (AAS) allows students to meet some of the requirements of the AAS major with courses other than those with the AAS prefix. Courses with HIST, POLS, GEOG, ECON, and EDUC prefixes count towards the AAS major. For the purposes the Global Scholars program, the courses with HIST, POLS, GEOG, ECON, and EDUC prefixes are outside the discipline of the student's major.

Global competence is defined as "the skills, knowledge, and awareness that enhance the ability to function in a global environment." Each of these aspects of global competence can be further subdivided as follows:

Skills

- Foreign language skills: the ability to communicate in a language other than English
- Communication skills: the ability to communicate with diverse audiences and with people from different backgrounds and learning styles
- Analytical skills: the ability to analyze and synthesize comparative and cross-cultural information with sound judgment

Knowledge

- Comparative grasp of political systems, histories, religions, cultures, literatures, economies, etc.
- Recognition of global interconnectedness and conflict
- Ability to think critically about the U.S. and see it in a global context

Awareness

- Openness to different thoughts, ideas, and perspectives; curiosity; adaptability; flexibility in ambiguous or unfamiliar situations as well as in international or intercultural environments
- Willingness to stay abreast of international current events and seek out new intercultural opportunities at home or abroad
- Appreciation of and respect for difference and diversity and a highly developed sense of empathy, awareness, and concern

1352.40 City Scholars

At graduation, students who earn a B or better in five 3000-4000 courses with a cities perspectives designation will be recognized as City Scholars.

To be eligible to be a City Scholar, students must have an overall GPA of 3.0 when they become juniors. (Students who are juniors when they first enroll at Georgia State must have a transfer GPA of 3.0.) In addition, City Scholars must have an overall GPA of 3.0 at graduation.

At least two of these five courses must be outside the discipline of the student's major. However, in cases, where a major gives credit for 3000-4000 courses outside its discipline, those courses count as being outside the discipline of the student's major. For example, the pre-law concentration of the major in philosophy (PHIL) allows students to meet some of the requirements of the PHIL major with courses other than those with the PHIL prefix. For example some courses with HIST or POLS prefixes count towards the PHIL major. For the purposes the City Scholars program, the courses with HIST and POLS prefixes are outside the discipline of the student's major.

Courses are designed to help students develop competence in urban issues and thus help them to become leaders in understanding the complex challenges of cities and in developing effective solutions to those challenges.

City courses at Georgia State are ones that meet one or more of the following criteria:

1. Have as a substantial focus the historical, geographical, social, cultural, economic, environmental, political, policy & planning, and/or design dimensions of city life.
2. Provide students with hands-on experience in addressing or investigating problems or opportunities inherent in city life.

Competence in urban issues is defined as "the skills, knowledge, and awareness that enhance the ability to understand and address the problems and possibilities of cities."

Skills

- Analytical skills: the ability to analyze and synthesize comparative and diverse information about cities with sound judgment
- Communication skills: the ability to communicate with diverse audiences and with people from different backgrounds and learning styles

- Organizational skills: the ability to recognize diverse contributing partners and find ways to integrate other disciplines toward a constructive end

Knowledge

- Recognition of the complex interconnectedness of cities in urban systems
- Ability to think critically about the complex challenges posed by the city as a creative force in society

Awareness

- Interest in new and different thoughts, ideas, and perspectives; curiosity; adaptability; flexibility in ambiguous or unique situations
- Appreciation of and respect for differences and diversity, coupled with a developed sense of openness, empathy, and concern
- Advocacy for effective solutions that contribute to livable communities and sustainable cities

1360 Academic Support

1360.10 Scholastic Discipline

There are four levels of scholastic discipline for all students regardless of status or program: warning, supervision, probation, and exclusion. A student who is eligible to enroll in courses is in good standing.

Students are placed on:

- **Warning** when their cumulative Georgia State University GPA is below 2.0 and they were not on supervision or probation the previous semester in attendance.
- **Supervision** when their cumulative Georgia State GPA is below 2.0 and they were on warning the previous semester in attendance. However, students on warning who attempt 6 or more semester hours in the subsequent semester and earn a Georgia State term GPA of 2.3 or better will remain on warning.
- **Probation** when their cumulative Georgia State GPA is below 2.0 and they were on supervision the previous semester in attendance. *However, students on supervision who attempt 6 or more semester hours and earn a Georgia State term GPA of 2.3 or better will remain on supervision.*
- **Exclusion** when their cumulative Georgia State GPA is below 2.0 and they were on probation the previous semester in attendance. However, students on probation who attempt 6 or more semester hours and earn a Georgia State term GPA of 2.3 or better will remain on probation.

Students on warning, supervision or probation may be allowed to enroll with specific restrictions (see Section 1360.20). Students on exclusion are not eligible to enroll in any undergraduate program or under any status at Georgia State. **No transfer credit will be accepted for courses taken at other institutions while on exclusion.**

Students on warning, supervision, or probation should refer to Section 1360.20 and consult with an advisor in the University Advisement Center for additional information about scholastic discipline.

1360.20 Academic Improvement Program (AIP)

The Academic Improvement Program (AIP) is intended to assist students in extricating themselves from scholastic discipline and to meet the graduation requirement of a cumulative Georgia State University GPA of 2.0 or higher. The elements of AIP are registration approvals by an advisor, course load limits, and survival skills instruction. For further information about AIP, please contact the University Advisement Center at advisement.gsu.edu.

Students on **warning or supervision** are required to participate in AIP as follows: (a) have their registration approved by an academic advisor; (b) register for no more than 13 semester hours; (c) and take any other steps required by the academic advisor (for example, seeing their major advisor, participating in an assessment by the Counseling Center, etc.). Students on supervision for a second or subsequent semester must continue to participate in AIP until their cumulative Georgia State GPA is 2.0 or higher.

A college may, at its option, require students on **probation** not to enroll at Georgia State for one semester. If students on probation are allowed to enroll, they are required to participate in AIP as follows: (a) have their registration approved by an academic advisor; (b) register for no more than 13 semester hours; and (c) take any other steps required by the academic advisor (for example, seeing their major advisor, participating in an assessment by the Counseling Center, etc.). Students enrolling while on probation must continue to participate in AIP until their cumulative Georgia State GPA is 2.0 or higher.

Students participating in AIP may be assigned to GSU 1050, Survival Skills for College. GSU 1050 may be taken only once and does not count toward credit hour requirements for graduation. Credit hours enrolled in GSU 1050 count toward the 13 semester hour course load limit for students participating in AIP. Grades received for GSU 1050 are used to calculate the cumulative GPA and the term GPA.

Students on **exclusion** are not eligible to enroll in any undergraduate program or under any status at Georgia State and may not participate in AIP.

Appeals for exemption from some or all of the requirements of AIP should be submitted to the director of the University Advisement Center. Appeals of decisions by the director of the University Advisement Center may be filed in accordance with the procedure for petition of university regulations. Information about AIP and appeals of AIP requirements is available from the University Advisement Center.

1360.30 Academic Renewal

Under certain conditions, Georgia State University allows its former undergraduate students to apply for academic renewal. This provision is intended to allow Georgia State degree-seeking students who have experienced academic difficulty to make a fresh start and to give them a final opportunity to earn a bachelor's degree. It can apply to individuals on scholastic exclusion. These are the provisions of academic renewal:

Eligibility for Academic Renewal

- A minimum of five calendar years must have passed since last enrollment at Georgia State University.
- Former Department of Academic Foundations (formerly Division of Learning Support Programs and Developmental Studies) students may apply for academic renewal only if they completed all learning support programs requirements prior to the five-year absence.
- A student can be granted academic renewal only one time.
- A student who was excluded from Georgia State and has attended another college or university during the absence from Georgia State is not eligible for academic renewal.
- A student who was not excluded from Georgia State but attended another college or university during an absence of five or more years may choose one of these options, but not both:
    1. Return to Georgia State, having attended another accredited institution, subject to all relevant transfer and reentry policies. The student will not be eligible for academic renewal but transfer credit will be granted for applicable courses taken during the absence and previously earned Georgia State credit is retained.
    2. Apply for academic renewal. If academic renewal is approved, no transfer credit will be granted for coursework completed during the absence.

Effects of Academic Renewal

- A cumulative GPA that reflects all attempts at all courses taken at Georgia State continues to be recorded on the student's official transcript. A new renewal institutional GPA is begun when the student has been approved for academic renewal and is also recorded on the student's official transcript. The renewal institutional GPA will be used for determining academic standing and eligibility for graduation.
- Academic credit for previously completed course work including transfer course work will be retained only for courses in which an A, B, or C grade has been earned.
- The grades for Georgia State academic credit that are retained are not calculated in the renewal institutional GPA. The courses are applied toward degree requirements are applicable. This credit, therefore, is placed in the same category as transfer credit, credit by examination, and courses with grades of S (not part of the calculated institutional GPA).
- Courses for which academic credit is not retained (those with grades of D or lower) must be repeated at Georgia State if they are required in the student's degree program. All remaining degree requirements must be completed at Georgia State. No transient or transfer credit will be accepted.
- Whether the retained academic credit is still applicable for degree credit will depend on the degree requirements currently in effect at the time the student returns to Georgia State and on specific program regulations.
- All courses taken at Georgia State remain on the student's official Georgia State transcript. At the time academic renewal is approved, this approval is noted on the student's transcript. Any Georgia State course work for which credit can be retained is listed below the academic renewal notation.
- Reentry into a program that has specific admission requirements is not automatic. Academic renewal students who wish admission to such a program must apply directly to the program.
- **Students must meet the academic residence requirement (see section 1440) using only course credit earned after academic renewal.**
- To be eligible for honors at graduation, students must earn at least 60 hours of credit after academic renewal.

Applying for Academic Renewal

To apply for academic renewal, the student must obtain approval both from the Office of Undergraduate Admissions and from the University Advisement Center.

1. File an application for reentry to the university with the Office of Undergraduate Admissions, 200 Sparks Hall, http://admissions.gsu.edu/how-do-i-apply/other-enrollment-types/re-entry-students/.
2. File an application for academic renewal with the Universtity Advisement Center. The deadlines for applying for academic renewal in order to enroll for a semester are:

To return in	**Deadline**
Fall	July 1
Spring	December 1
Summer	May 1

Application for Academic Renewal before the prescribed deadlines will aid in the timely return of a decision. Those students whose return to Georgia State University is dependent on approval for academic renewal should be especially diligent in their timely submission of their application.

If a student does not apply for academic renewal at the time of enrollment, it can be requested after reenrollment if the application is filed within one calendar year.

- A student whose application for academic renewal is not approved will be notified by letter from the University Advisement Center. Unless specific information to the contrary is given in the letter, the student may reapply for academic renewal after one year has passed.
- Evaluation of a student's application for academic renewal will be based on the student's:
    1. Previous academic record;
    2. Previous student discipline record; and
    3. Current commitment to academic work.

1380 Academic Honesty

1. Introduction

As members of the academic community, students are expected to recognize and uphold standards of intellectual and academic integrity. The University assumes as a basic and minimum standard of conduct in academic matters that students be honest and that they submit for credit only the products of their own efforts. Both the ideals of scholarship and the need for fairness require that all dishonest work be rejected as a basis for academic credit. They also require that students refrain from any and all forms of dishonorable or unethical conduct related to their academic work.

The University's policy on academic honesty is published in the Faculty Handbook (http://www2.gsu.edu/~wwwfhb/fhb.html) and the Student Handbook, On Campus, which is available to all members of the University community (http://studenthandbook.gsu.edu/). Academic honesty is a core value of the University and all members of the University community are responsible for abiding by the tenets of the policy. Georgia State students, faculty, and staff, are expected to report all instances of academic dishonesty to the appropriate authorities. The procedures for such reporting are outlined below and on file in the offices of the deans of each college, the Office of the Dean of Students, and the Office of

the Provost.
Lack of knowledge of this policy is not an acceptable defense to any charge of academic dishonesty. In an effort to foster an environment of academic integrity and to prevent academic dishonesty, students are expected to discuss with faculty the expectations regarding course assignments and standards of conduct. Students are encouraged to discuss freely with faculty, academic advisors, and other members of the University community any questions pertaining to the provisions of this policy. In addition, students are encouraged to avail themselves of programs in establishing personal standards and ethics offered by the university.

No instructor or department may impose academic or disciplinary penalties for academic dishonesty outside the parameters of this policy. This policy applies to all incidents of academic dishonesty, including those that occur before a student graduates but are not discovered until after the degree is conferred. In such cases, it is possible that the application of this policy will lead to a failure to meet degree completion requirements and therefore a revocation of a student's degree.
Many colleges and/or departments provide statements of what constitutes academic dishonesty within the context of their discipline, and recommend penalties for specific types of academic dishonesty. As noted in the Faculty Handbook, all syllabi are required to make reference to the Academic Honesty Policy; syllabi should also include a link to departmental standards where they exist.

2. Definitions and Examples
The examples and definitions given below are intended to clarify the standards by which academic honesty and academically honorable conduct are to be judged. The list is merely illustrative of the kinds of infractions that may occur, and it is not intended to be exhaustive. Moreover, the definitions and examples suggest conditions under which unacceptable behavior of the indicated types normally occurs; however, there may be unusual cases that fall outside these conditions which also will be judged unacceptable by the academic community.

Plagiarism. Plagiarism is presenting another person's work as one's own. Plagiarism includes any paraphrasing or summarizing of the works of another person without acknowledgment, including the submitting of another student's work as one's own. Plagiarism frequently involves a failure to acknowledge in the text, notes, or footnotes the quotation of the paragraphs, sentences, or even a few phrases written or spoken by someone else. The submission of research or completed papers or projects by someone else is plagiarism, as is the unacknowledged use of research sources gathered by someone else when that use is specifically forbidden by the faculty member. Failure to indicate the extent and nature of one's reliance on other sources is also a form of plagiarism. Failure to indicate the extent and nature of one's reliance on other sources is also a form of plagiarism. Any work, in whole or part, taken from the internet without properly referencing the corresponding URL (along with the author's name and title of the work, if available) may be considered plagiarism. Finally, there may be forms of plagiarism that are unique to an individual discipline or course, examples of which should be provided in advance by the faculty member. The student is responsible for understanding the legitimate use of sources, the appropriate ways of acknowledging academic, scholarly or creative indebtedness, and the consequences of violating this responsibility.

Cheating on Examinations. Cheating on examinations involves giving or receiving unauthorized help before, during, or after an examination. Examples of unauthorized help include the use of notes, texts, or "crib sheets" during an examination (unless specifically approved by the faculty member), or sharing information with another student during an examination (unless specifically approved by the faculty

member). Other examples include intentionally allowing another student to view one's own examination and collaboration before or after an examination if such collaboration is specifically forbidden by the faculty member.

Unauthorized Collaboration. Unauthorized collaboration means working with someone or getting assistance from someone (a classmate, friend, etc.) without specific permission from the instructor on any assignment (e.g., exam, paper, homework) that is turned in for a grade. It is also a violation of academic honesty to knowingly provide such assistance to another student. Collaborative work specifically authorized by a faculty member is allowed.

Falsification. It is a violation of academic honesty to misrepresent material or fabricate information in an academic exercise, assignment or proceeding (e.g., false or misleading citation of sources, the falsification of the results of experiments or of computer data, false or misleading information in an academic context in order to gain an unfair advantage).

Multiple Submissions. It is a violation of academic honesty to submit substantial portions of the same work for credit more than once without the explicit consent of the faculty member(s) to whom the material is submitted for additional credit. In cases in which there is a natural development of research or knowledge in a sequence of courses, use of prior work may be desirable, even required; however, the student is responsible for indicating in writing, as a part of such use, that the current work submitted for credit is cumulative in nature.

3. Information and Burden of Proof

In determining whether or not academic dishonesty has occurred, the standard which should be used is that guilt must be proven by a preponderance of the information. This means that if the information which indicates that academic dishonesty occurred produces a stronger impression and is more convincing as to its truth when weighed against opposing information, then academic dishonesty has been proved. In other words, the information does not have to be enough to free the mind from a reasonable doubt but must be sufficient to incline a reasonable and impartial mind to one side of the issue rather than to the other. Information as used in this statement can be any observation, admission, statement, or document which would either directly or circumstantially indicate that academic dishonesty has occurred.

4. Procedures for Resolving Matters of Academic Honesty

The following procedure is the only approved means for resolving matters of academic dishonesty, except for matters arising in the College of Law, which has its own Honor Code for handling such matters. It is available to all members of the academic community who wish to pursue an action against a student for academic dishonesty. A brief summary of the procedures is presented here; details of these procedures are found in the following sections.

1. The faculty member should discuss the incident with the student before filing a charge of academic dishonesty. The faculty member, in consultation with the department chair, prepares the Notice of Academic Dishonesty The chair forwards the notice to the college dean, who sends the notification to the student by university email or by certified mail.
2. The student must appeal in writing to the College Dean within 10 business days of the date the email was sent or the certified mail was received if the student wishes to deny the finding of academic dishonesty.
3. If the student does not appeal within 10 business days, the College Dean forwards the notice of academic dishonesty to the Dean of Students.

4. If the student appeals the charges, a College Hearing Committee conducts a hearing and reports its findings to the College Dean regarding guilt or innocence. If the student is found not guilty, the faculty member is notified to assign an appropriate grade. If the student is found guilty, the dean forwards the notice of academic dishonesty to the dean of students.
5. Any recommendation for a disciplinary penalty and a challenge of that disciplinary penalty submitted by the student, if any, is reviewed by the University Senate Committee on Student Discipline. Based on the committee's recommendation, the provost makes a decision and takes action regarding any disciplinary sanction.
6. The dean of students maintains the disciplinary records on all findings of academic dishonesty and is responsible for forwarding notice of multiple findings to the Senate Committee on Student Discipline for review. Multiple findings may result in a disciplinary penalty even if one was not recommended by the faculty member.

5. Initiation of Action

If a member of the academic community believes that a student has engaged in academic dishonesty in a course, on a test, or as a part of an academic program, that individual is responsible for initiating action against the student or bringing the matter to the attention of an individual who may initiate action against the student (i.e., complete and submit a notification of academic honesty). In allegations of academic dishonesty involving course requirements, the course faculty member is required to initiate the action. If the alleged violation involves a departmental program requirement (e.g., comprehensive examination or language competency examination) or an institutionally-required test (e.g., test of Georgia/United States history or Georgia/United States constitutions), or if the individual who discovers the incident is not a faculty member, the individual should bring the matter to the attention of the faculty member and administrator who has responsibility of overseeing the activity (e.g., departmental chair, director of the Testing Office). If that administrator decides to bring charges of academic dishonesty against the student, then that administrator becomes the initiator. (Test proctors, laboratory assistants, and other individuals who are not course faculty members should bring any instances of alleged academic dishonesty to the attention of the course faculty member or their administrative superior. That individual, after weighing the information, may become the initiator by formally charging the student with academic dishonesty.)
The channel of review, recommendation, and decision-making follows the administrative lines associated with the course or program requirement involved. In any instance, however, when the alleged incident does not occur within the context of a course, and when it is unclear which college should have jurisdiction in review and decision-making, any unit may initiate the case.

For the sake of brevity the following processing procedures are written from an academic unit/college perspective. Nonacademic units (i.e., Testing Center) would substitute appropriate supervisory personnel at the respective levels. Herein the initiator will be referred to as faculty member and the administrative unit head will be referred to as chair, designating the departmental chair. Dean will refer to appropriate administrative supervisory personnel at the overall college or division level.

When an allegation of academic dishonesty is made, the relevant dean will inform the Office of the Registrar to place a grade of GP (grade pending) for the student in the course involved. Withdrawal from a course does not preclude the imposition of penalties for academic dishonesty. While the matter of academic dishonesty is pending, the student will be allowed to continue in the course and register for upcoming semesters.

A. Penalties to be Imposed
Penalties to be imposed in incidents of academic dishonesty are classified as academic or disciplinary. Academic penalties include assignment of a failing grade for a particular course requirement, or for the course itself, or for other tests or program assignments. They are set by the faculty member, in consultation with the department chair.
Disciplinary penalties can be sought in addition to those considered academic and could include, but are not limited to, the following: suspension, expulsion, transcript annotations (temporary for a period of five years or permanent, as designated). Course credit earned at other institutions while on suspension may not be transferred to GSU. Disciplinary penalties can be requested by the faculty member, in consultation with the chair; they must be reviewed by the University Senate Committee on Student Discipline and they are set by the provost.

B. Action at Administrative Unit (Department and College Level)
As soon as possible after the alleged incident, the faculty member should discuss the matter with the student. This discussion should be conducted in a manner which protects the rights and confidentiality of students. If the faculty member believes that academic dishonesty has occurred, the faculty member, in consultation with the department chair, will determine the appropriate academic penalty. The faculty member and the chair will complete a notice of academic dishonesty form describing the incident and indicating the academic penalty imposed and any recommended disciplinary penalty. The chair will forward the notice of academic dishonesty, which includes a statement of the right to appeal, to the dean of the college, who delivers it a either through the student's official university email address or by certified mail.

C. Student Action
The student will have 10 business days after receipt of the notice of charges of academic dishonesty (i.e., the date that the email was sent or that the certified mail was received) to submit a written appeal denying the charges and providing any rationale for the appeal. The appeal should be addressed to the college dean of the initiator. In the event the student is found guilty of academic dishonesty, the student does not have the right to appeal the academic penalty assessed by the faculty member, unless the student can prove that such penalty was arbitrarily imposed or applied in a discriminatory manner.

If the student wishes to challenge a disciplinary penalty, the student must submit a written rationale for challenging the disciplinary penalty within 10 business days of receipt of the notice of charges of academic dishonesty. The statement of challenge should be addressed to the college dean. The college dean will forward the challenge to the dean of students for inclusion in the review of the disciplinary penalty by the University Senate Committee on Student Discipline. All disciplinary penalties are automatically reviewed by the University Senate Committee on Student Discipline, regardless of student appeal.

If the student has also filed an appeal denying the charges of academic dishonesty, any review of disciplinary penalty recommended will be delayed pending review of the charges of academic dishonesty by the college hearing committee.

D. College Action
1. No Appeal by the Student. If the student does not submit a written appeal to the college dean or challenge the disciplinary penalty within 10 business days, the college dean will notify the chair/faculty member to post any pending grade(s) immediately. The college dean will then forward the notice of academic dishonesty to the dean of students for inclusion in the student's disciplinary file. Any

recommendation of a disciplinary penalty will also be forwarded to the dean of students for appropriate review by the Senate Committee on Student Discipline.

2. Appeal by the Student.

a. If the student submits a written appeal of the charges of academic honesty, the college dean will forward the charges to the chair of a college hearing committee and will notify the faculty member to set forth in writing a comprehensive response describing the incident of academic dishonesty. This statement will be presented to the committee and to the student at least five (5) business days prior to the hearing.

b. If the student wishes to challenge the disciplinary penalty without appealing the charges of academic honesty, a college hearing committee will not be convened; instead, the college dean will forward the challenge to the dean of students for inclusion in the review of the disciplinary penalty by the University Senate Committee on Student Discipline.

3. Student Hearing Committee Process. Guidelines that Govern the Hearing of the Appeal by the College Student Hearing Committee

a. Within ten (10) business days after the committee receives the charges of academic dishonesty, a hearing date will be determined. The committee will notify the faculty member and the student of the time, date, and the place of the hearing. Copies of all charges of academic dishonesty and related materials for the hearing will be provided to the student at least five (5) business days in advance of the hearing.

b. The faculty member and the student will be allowed to make oral presentations, call witnesses, and present any documentary information regarding the incident in question. The hearing will be recorded on audio tape. The hearing will not be open to observers.

c. At the conclusion of the hearing, the committee will meet in closed session and will make its recommendation as to the guilt or innocence of the student based on a preponderance of information with respect to the charge of academic dishonesty. The committee chair will forward to the college dean its findings and recommendations in a written report within five (5) business days of the hearing.

4. College Decision on Appeals. Within five (5) business days of receiving the committee's written report, the college dean will make the final decision regarding guilt or innocence. The college dean will notify all appropriate parties of the decision.

If the college dean finds the student not guilty, the matter will be terminated and no notice of charges will be filed with the dean of students. The college dean will notify the chair to post the pending course grade promptly and will notify the registrar to remove the GP (grade pending) on the student's transcript.

If the college dean finds the student guilty, the notice of charges of academic dishonesty will be forwarded to the dean of students for inclusion in the student's disciplinary file. The academic penalty stipulated by the faculty member will be imposed. The college dean will notify the chair to insure that any pending grade is posted promptly. The college dean will notify the registrar to remove the GP (grade pending) on the student's transcript if only an academic penalty was involved.

If a disciplinary penalty has been recommended, the college dean will notify the registrar to continue the GP (grade pending) annotation until the disciplinary penalty can be reviewed by the University Senate Committee on Student Discipline.

5. Appeal of the Decision of the Dean. If the student or initiator wishes to appeal the decision of the college dean regarding guilt or innocence of the charges of academic dishonesty, the student or initiator may appeal to the provost. The subsequent appeal route would be to the president and then the Board of Regents. The student or initiator must submit a written statement of appeal to the provost within 10 business days of notification of the dean's decision. The basis of the appeal must be on the grounds that the decision was arbitrary, capricious, or discriminatory.

E. UNIVERSITY SENATE COMMITTEE ON STUDENT DISCIPLINE ACTION

In cases where a disciplinary penalty has been recommended, the Senate Committee on Student Discipline will conduct a hearing to review the disciplinary penalty. The committee will review the faculty member's notice of academic dishonesty and the student's statement of challenge of the disciplinary penalty, if any. The faculty member and the student will be allowed to appear at the hearing to discuss the imposition of disciplinary penalties. Only the recommendation concerning the disciplinary penalty to be imposed will be considered by this committee. Issues of guilt or innocence are determined at the college level (see II.4 C and D above).

The Senate Committee will conduct the hearing in accordance with its regular hearing procedures. Copies of these procedures may be obtained from the Provost's Office.

The Senate Committee on Student Discipline will provide its recommendation within five (5) business days of its hearing to the provost regarding appropriateness of the disciplinary penalty recommended by the college and/or whether other disciplinary penalties are to be imposed in addition to or in lieu of those already recommended by the college.

F. PROVOST ACTION

1. Decision of the Provost. The role of the provost in handling student appeals regarding the charge of academic honesty has been explained (see II.E.5 above). Based on the recommendation, the Provost will render a decision within ten (10) business days of receipt of the recommendation of the Senate Committee. The provost will notify the student, the referring dean, the department chair and the faculty member of the Senate Committee's recommendations and of the provost's decision. At that time the provost will also notify the registrar to annotate the student's transcript, if necessary.

2. Appeal of the Decision of the Provost. If the student wishes to appeal the decision of the provost regarding the imposition of a disciplinary penalty, the student may appeal to the president, and then to the Board of Regents. The student must submit a written statement of appeal to the president within ten (10) business days of notification of the provost's decision. The basis for such an appeal must be on the grounds that the decision was arbitrary, capricious, or discriminatory.

G. STUDENTS INVOLVED IN TWO OR MORE INCIDENTS OF ACADEMIC DISHONESTY

A student is subject to disciplinary action in addition to any already undertaken once it is determined that the student has been found guilty in a previous incident of academic dishonesty. In such cases, the dean of students will forward a report to the University Senate Committee on Student Discipline regarding the incidents of academic dishonesty which have been reported. The dean of students is responsible for initiating this report within ten (10) business days of notification of the proceedings of any subsequent finding of academic dishonesty.

The University Senate Committee on Student Discipline will review the report of the dean of students. The student may submit supplemental written documents for the committee's review and may request to appear before the committee in its deliberations. After reviewing the matter, the committee will send a report to the provost with the recommendation for disciplinary penalty to be imposed. The provost will proceed as in G above.

H. GRIEVANCE PROCEDURES FOR ACADEMIC MATTERS

1. Each of the undergraduate colleges has stated policies for settling grievances of students for academic matters. Refer to the office of the dean of each college for policies.

2. Obligation to Report Suspected Violations. Members of the academic community, students, faculty and staff are expected to report all instances of academic dishonesty to the appropriate authorities. The procedures for such reporting are on file in the offices of the deans of each college.

3. Penalties. The University takes the matter of academic honesty most seriously. Penalties for violations

vary, but include both suspension and permanent expulsion from the institution.

1382 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit http://enrollment.gsu.edu/assistance/ online for details.

1400 University Degree Requirements and Graduation

A degree will be awarded only to a student who meets both the university requirements and the standards of performance, academic requirements, and residence requirements of their college and of their degree program. See below for a complete explanation of university requirements. Consult your college's chapter of this catalog for your degree program's requirements. Once a degree has been conferred that academic record is considered closed.

1405 Learning Outcomes

Learning outcomes are the goals students achieve in their programs of study. They represent the knowledge, skills and attitudes that students should gain to successfully complete the requirements of a course, major, and degree. A special set of general learning outcomes cover the goals for all students at the University. Students begin mastery of the University's learning outcomes in the core (first two years of study) and continue to develop these skills throughout their major. The learning outcomes for all students are:

Area A1. Written Communication

Students produce well-organized communication that exhibits logical thinking, demonstrates appropriate style for circumstance and audience, meets conventional standards of usage, and acknowledges the use of information sources when necessary. Students demonstrate comprehension of written material: purpose, message, and rhetorical situation.

Area A2. Mathematics

Students understand and apply mathematical concepts and reasoning using verbal, numeric, graphical and/or symbolic forms.

Area B. Institutional Foundations

Students effectively analyze, evaluate, and provide convincing reasons in support of conclusions, considering opposing points of view when appropriate.

Area C. Humanities/Fine Arts

Students effectively analyze the meanings of texts and/or works of art or music, express ways that culture shapes values, and critically evaluate them.

Area D. Natural and Computational Sciences

Students demonstrate understanding of the physical universe, the nature of science, and the scientific method, and/or understand and apply mathematical concepts and reasoning using verbal, numeric, graphical or symbolic forms.

Area E. Social Sciences

Students effectively analyze the complexity of human behavior, and how historical, economic, political, social, and/or spatial relationships develop, persist, and/or change.

Area I. US Perspectives

Students demonstrate understanding of the United States and its related political, social, and/or institutional developments.

Area II. Global Perspectives

Students demonstrate understanding of political, social, economic, and/or institutional developments across the globe.

Area III. Critical Thinking

Students effectively analyze, evaluate, and provide convincing reasons in support of conclusions, considering opposing points of view when appropriate. (The outcomes for Areas B and III are the same.)

1410 Core Curriculum Requirements

Georgia State University requires all students seeking a baccalaureate degree to satisfactorily complete a basic core of general education subjects. Georgia State's core curriculum provides students with a broad background in general education and reflects the special mission of this university as an urban research institution with an international, multi-ethnic, and multi-cultural focus. Because of ongoing evaluation changes may occur in the core curriculum. Every attempt will be made to notify students when these changes occur.

Areas A through E of the core curriculum are designed to provide students with a wide array of courses as a means of gaining a basic education in the liberal arts and assisting students in their choice of a major. Students should normally choose among the courses in areas A to E and select a major before taking courses in Area F. Students who have chosen a major before the completion of Areas A through E can review the departmental sections of the catalog to see specific recommendations for course selection. Some programs, such as art, music, and nursing, require students to begin major-related coursework in their freshman year to meet course sequencing requirements.

There are restricted choices for some majors in Areas A and D. Students must follow the degree-specific requirements listed in Areas A and D for the programs they are pursuing.

Students who are planning to transfer to Georgia State from other institutions in the University System of Georgia should note that this is Georgia State's core curriculum and is to be followed by students who choose to complete the core curriculum at this university. The core curriculum at a student's current University System of Georgia institution may contain different courses. However, Georgia State will grant credit for any approved core curriculum course taken at a student's current University System of Georgia home institution even if it is different from the course offered at Georgia State.

The core curriculum completed at one System institution is fully transferable to another System institution for the same major. However, specific situations may result in minor exceptions to this general rule. Students seeking credit for University System of Georgia core curriculum courses that were not accepted during Georgia State's admissions process or who believe that the system rules of transferability of the core curriculum are not being honored can make an appeal. Appeals should be initiated by filling out a form available in the University Advisement Center, 25 Park Place, Suite 1300 and 1400.

1410.10 Area A1: Written Communication (6)

- ENGL 1101 English Composition I (3)
- ENGL 1102 English Composition II (3)

Students who satisfy the Advanced Placement Standard of the Department of English may take ENGL 1103 in lieu of ENGL 1101 and ENGL 1102. Students who select this option will choose an additional humanities course from core Area C1. A grade of C or higher is required in ENGL 1101 and ENGL 1102, or in ENGL 1103 (open to qualified students with departmental consent), in order to receive degree credit.

Effective Fall 2010, for freshmen entering the USG system Fall 2010, students who have earned 60 hours but have not completed Area A1 must enroll in the next course necessary to make progress toward completing this Area in every semester in which they take classes. Effective Fall 2011, this hour limit is lowered to 45 hours for freshmen entering the USG system Fall 2011, Spring 2012, and Summer 2012. Effective Fall 2012, the hour limit is lowered to 30 hours for freshmen entering the USG system Fall 2012 and thereafter. Institutions are allowed to move to the 45/30 hour limits before they are required to do so. For students with Learning Support requirements in reading or writing, taking the required Learning Support course(s) counts as making progress toward completing Area A1.

1410.15 Area A2: Mathematics (3-4)

- MATH 1101 Introduction to Mathematical Modeling (3)
- MATH 1111 College Algebra (3)
- MATH 1112 College Trigonometry (3)
- MATH 1220 Survey of Calculus (3)
- MATH 1113 Precalculus (3)
- MATH 2201 Calculus for the Life Sciences I (4)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2212 Calculus of One Variable II (4)
- MATH 2215 Multivariate Calculus (4)
- MATH 2420 Discrete Mathematics (3)

If a 4 hour course is selected, the additional hour will be counted in Area F or Area G. Majors in biology, chemistry, computer science, geoscience (B.S.), mathematics, neuroscience, science and math education, and physics are required to take Math 1113 or higher in Area A. Business students are encouraged to take MATH 1111 or higher in Area A. If it is not taken in Area A, it must be taken later in the program. Exercise Science students are encouraged to take MATH 1111 in Area A.

Note: A math placement test is recommended for all students who do not have credit for an Area A math course and is required for students who wish to take MATH 1111, College Algebra, or higher. The test is offered at scheduled times in the university's testing center. See counselingcenter.gsu.edu/testing/ for more.

Effective Fall 2010, for freshmen entering the USG system Fall 2010, students who have earned 60 hours but have not completed Area A2 must enroll in the next course necessary to make progress toward completing this Area in every semester in which they take classes. Effective Fall 2011, this hour limit is lowered to 45 hours for freshmen entering the USG system Fall 2011, Spring 2012, and Summer 2012. Effective Fall 2012, freshmen entering the USG system Fall 2012 and thereafter, the hour limit is lowered to 30 hours. Institutions are allowed to move to the 45/30 hour limits before required to do so. For students with LSP requirements in mathematics, taking the required LSP course counts as making progress toward completing Area A2.

1410.20 Area B: Institutional Foundations (4)

Additional information about institutional options is available online at advisement.gsu.edu/self-service/core-curriculum/institutional-options/.

Select two courses from the following:

- PHIL 1010 Critical Thinking (2)
- SPCH 1000 Human Communication (2)
- PERS 2001 Perspectives on Comparative Culture (2)
- PERS 2002 Scientific Perspectives on Global Problems (2)

Pers 2001 is a group of interdisciplinary courses that provides a better understanding of the contemporary world through the study of different cultures. Only one course from this group may be used to fulfill requirements in Area B.

Pers 2002 is a group of interdisciplinary courses that deals with scientific approaches to important issues on the environment, public health, or technology. Only one course from this group may be used to fulfill requirements in Area B.

The University System of Georgia requires all students to demonstrate competence in critical thinking. Students satisfy these requirements by earning a passing grade in PHIL 1010, SPCH 1000, PERS 2001, or PERS 2002. (See Section 1435)

1410.30 Area C: Humanities and Fine Arts (6)

Select two courses from groups 1, 2, and 3 below. The two courses may not come from the same group.

1. Humanities

- ENGL 2110 World Literature (3)

- ENGL 2120 British Literature (3)
- ENGL 2130 American Literature (3)
- PHIL 2010 Introduction to Philosophy (3)
- RELS 2001 Introduction to World Religions (3)
- SPCH 2050 Media, Culture, and Society (3)

2. Fine Arts

- AH 1700 Survey of Art I (3)
- AH 1750 Survey of Art II (3)
- AH 1850 Survey of Art III (3)
- FILM 2700 History of the Motion Picture (3)
- MUA 1500 Jazz: Its Origins, Styles, and Influence (3)
- MUA 1900 Dramatic Music from the Renaissance through the Twentieth Century (3)
- MUA 1930 Music, Society, and Culture (3)
- THEA 2040 Introduction to Theatre (3)

3. Foreign Language

- ARBC 1002 Elementary Arabic II (3)
- ARBC 2001 Intermediate Arabic I (3)
- ARBC 2002 Intermediate Arabic II (3)
- CHIN 1002 Elementary Chinese II (3)
- CHIN 2001 Intermediate Chinese I (3)
- CHIN 2002 Intermediate Chinese II (3)
- EXC 1002 Elementary American Sign Language II (3)
- EXC 2001 Intermediate American Sign Language I (3)
- EXC 2002 Intermediate American Sign Language II (3)
- FREN 1002 Elementary French II (3)
- FREN 2001 Intermediate French I (3)
- FREN 2002 Intermediate French II (3)
- GRMN 1002 Elementary German II (3)
- GRMN 2001 Intermediate German I (3)
- GRMN 2002 Intermediate German II (3)
- GRKA 1002 Elementary Greek II (3)
- GRKA 2001 Intermediate Greek I (3)
- GRKA 2002 Intermediate Greek II (3)
- GRKM 1002 Elementary Modern Greek II (3)
- GRKM 2001 Intermediate Modern Greek I (3)
- GRKM 2002 Intermediate Modern Greek II (3)
- HBRB 1002 Elementary Biblical Hebrew II (3)
- HBRM 1002 Elementary Hebrew II (3)
- HBRM 2001 Intermediate Hebrew I (3)
- HBRM 2002 Intermediate Hebrew II (3)
- ITAL 1002 Elementary Italian II (3)
- ITAL 2001 Intermediate Italian I (3)
- ITAL 2002 Intermediate Italian II (3)

- JAPN 1002 Elementary Japanese II (3)
- JAPN 2001 Intermediate Japanese I (3)
- JAPN 2002 Intermediate Japanese II (3)
- KORE 1002 Elementary Korean II (3)
- KORE 2001 Elementary Korean II (3)
- KORE 2002 Elementary Korean II (3)
- LATN 1002 Elementary Latin II (3)
- LATN 2001 Intermediate Latin I (3)
- LATN 2002 Latin Prose (3)
- PORT 1002 Elementary Portuguese II (3)
- PORT 2001 Intermediate Portuguese I (3)
- PORT 2002 Intermediate Portuguese II (3)
- RUSS 1002 Elementary Russian II (3)
- RUSS 2001 Intermediate Russian I (3)
- RUSS 2002 Intermediate Russian II (3)
- SPAN 1002 Elementary Spanish II (3)
- SPAN 2001 Intermediate Spanish I (3)
- SPAN 2002 Intermediate Spanish II (3)
- SWAH 1002 Elementary Swahili II (3)
- SWAH 2001 Intermediate Swahili I (3)
- SWAH 2002 Intermediate Swahili II (3)
- TURK 1002 Elementary Turkish II (3)
- TURK 2001 Intermediate Turkish I (3)
- TURK 2002 Intermediate Turkish II (3)

The J. Mack Robinson College of Business recommends that B.B.A. students include a foreign language course in Area C. The College of Arts and Sciences recommends that B.A. students and specified B.I.S. students not include a foreign language course in Area C.

Students in these degree programs should follow departmental recommendations on foreign language selection in Area F. The Andrew Young School of Policy Studies requires B.A. students majoring in economics to complete a foreign language in Area F.

Some foreign language courses are not open to native speakers of that language. Please consult the course description before making a selection in this area.

Placement exams in French, German, and Spanish are available. See Section 1310.20 for more information.

1410.40 Area D: Natural and Computational Sciences (11)

Complete the options listed under either majors other than natural sciences, health sciences, and mathematics or natural sciences, health sciences, and mathematics majors.

Majors other than Natural Sciences, Health Sciences, and Mathematics:

1. Select one two-course sequence. (8)

- ASTR 1010 Astronomy of the Solar System (4) and
- ASTR 1020 Stellar and Galactic Astronomy (4)

- BIOL 1103K Introductory Biology I (4) and
- BIOL 1104K Introductory Biology II (4)

- CHEM 1101K Introductory Chemistry I (4) and
- CHEM 1102K Introductory Chemistry II (4)

- CHEM 1151K Survey of Chemistry I (4) and
- CHEM 1152K Survey of Chemistry II (4)

- CHEM 1211K Principles of Chemistry I (4) and
- CHEM 1212K Principles of Chemistry II (4)

- GEOG 1112 Introduction to Weather and Climate (4) and
- GEOG 1113 Introduction to Landforms (4)

- GEOL 1121K Introductory Geosciences I (4) and
- GEOL 1122K Introductory Geosciences II (4)

- PHYS 1111K Introductory Physics I (4) and
- PHYS 1112K Introductory Physics II (4)

- PHYS 2211K Principles of Physics I (4) and
- PHYS 2212K Principles of Physics II (4)

2. Select one course (must be from a discipline different from one selected in group 1 above). (3)

- Any course from Section D1 above (4)
- ASTR 1000 Introduction to the Universe (3)
- BIOL 2240 Human Physiology (3)
- BIOL 2300 Microbiology and Public Health (3)
- CHEM 1050 Chemistry for Citizens (3)
- CSC 1010 Computers and Applications (3)
- GEOL 2001 Geologic Resources and the Environment (3)
- MATH 1070 Elementary Statistics (3)
- MATH 1112 College Trigonometry (3)
- MATH 1113 Precalculus (3)
- MATH 1220 Survey of Calculus (3)
- MATH 2201 Calculus for the Life Sciences I (4)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2420 Discrete Mathematics (3)
- PHYS 2030K Physical Science: Physics of Music and Speech (3)
- PSYC 1100 Intro to Biological Psychology (3)

If a 4 hour course is selected, the additional hour will be counted in Area F or Area G. The Robinson College of Business recommends that B.B.A. students take Math 1070 in Area D. If it is not taken in Area D, it must be taken later in the program. PHYS 2030K is recommended only for broadcast journalism, speech, theatre, and music majors.

Biology, Chemistry, Computer Science, Geoscience (B.S.), Mathematics, Neuroscience, Physics, and Science and Math Education Majors: It is recommended that students select a sequence appropriate to the major.

1. Select one two-course sequence. (8)

- BIOL 2107K Principles of Biology I (4) and
- BIOL 2108K Principles of Biology II (4)

- CHEM 1211K Principles of Chemistry I (4) and
- CHEM 1212K Principles of Chemistry II (4)

- GEOL 1121K Introductory Geosciences I (4) and
- GEOL 1122K Introductory Geosciences II (4)

- PHYS 1111K Introductory Physics I (4) and
- PHYS 1112K Introductory Physics II (4)

- PHYS 2211K Principles of Physics I (4) and
- PHYS 2212K Principles of Physics II (4)

2. Select either Math 2211 (Calculus of One Variable), a course with a higher number that is appropriate to the major, or a course that has been approved by the major department (see individual departmental degree requirements).

Nursing, Nutrition, and Respiratory Therapy Majors:

1. Select one two-course sequence. (8)

Note: Nutrition and Respiratory Therapy majors must choose CHEM 1151K and CHEM 1152K

- BIOL 1103K Introductory Biology I (4) and
- BIOL 1104K Introductory Biology II (4)

- CHEM 1151K Survey of Chemistry I (4) and
- CHEM 1152K Survey of Chemistry II (4)

- PHYS 1111K Introductory Physics I (4) and
- PHYS 1112K Introductory Physics II (4)

The Brydine F. Lewis School of Nursing & Health Professions recommends that students take CHEM 1151K and CHEM 1152K. Please note that Physics has a prerequisite of MATH 1112 or MATH 1113

before you can register for this course.

2. MATH 1070 Elementary Statistics (3)

1410.50 Area E: Social Science (12)

Students who satisfy the requirements of Section 1, United States Politics and History, by examination and choose not to take Hist 2110 and PolS 1101 must select two additional courses from Section 3, Social Science Foundations. No student may take more than six hours in Area E from any one department.

1. United States Politics and History – Legislative Requirement (0-6)

- HIST 2110 Survey of United States History (3)
- POLS 1101 American Government (3)

Georgia law requires all students to pass examinations on (a) the history of the United States and the history of Georgia and (b) the Constitution of the United States and the Constitution of Georgia. Students may satisfy these requirements by earning passing grades in Hist 2110 and PolS 1101. (See Section 1425)

The University System of Georgia requires all students to demonstrate basic knowledge of the United States. Students satisfy these requirements by earning a passing grade in Hist 2110 or PolS 1101. (See Section 1435)

2. Global Economics, Global Politics, and World History. Requirement: Select one course (3)

- ECON 2100 The Global Economy (3)
- HIST 1111 Survey of World History to 1500 (3)
- HIST 1112 Survey of World History since 1500 (3)
- POLS 2401 Global Issues (3)

The University System of Georgia requires all students to demonstrate basic knowledge of the global issues. Students satisfy these requirements by earning a passing grade in ECON 2100, HIST 1111, HIST 1112 or POLS 2401. (See Section 1435)

3. Social Science Foundations: Select one course (see note above) (3-9)

- AAS 2010 Introduction to African-American Studies (3)
- ANTH 1102 Introduction to Anthropology (3)
- CRJU 2200 Social Science and the American Crime Problem (3)
- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- GEOG 1101 Introduction to Human Geography (3)
- AAS 1140/HIST 1140 African and African-American History (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introductory Sociology (3)
- SOCI 1160 Introduction to Social Problems (3)

- WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)

The Robinson College of Business recommends that B.B.A. students take Econ 2105 and Econ 2106 in Area F and then choose other social science foundation courses in Area E. The Andrew Young School of Policy Studies recommends that B.A. and B.S. students NOT take ECON 2105 and ECON 2106 in section 3 of Area E.

1410.60 Area F: Lower Division Major Requirements (18)

Courses in Area F, which constitute the remaining 18 semester hours in the core curriculum, may be found in the college sections on degree requirements. These listings should also be consulted to see if there are any courses recommended from among the offerings in areas A to E. Students seeking a B.S. in mathematics and secondary school teaching will be required to take an additional nine semester hours of introductory education courses above the general requirement of 18 semester hours.

1415 Area G & Beyond

Courses beyond the core curriculum that are required by the college and/or major department constitute the remaining course degree requirements and are comprised of courses related to a major, major requirements, courses in a minor or concentration, and electives. Consult the college chapters in this catalog for a full explanation of these requirements.

1420 Regents Reading and Writing Requirements

Effective March 9, 2010, Georgia State students were granted an exemption by the University System of Georgia and are no longer required to take the Regents' Test. This exemption does not necessarily apply should a student transfer out of GSU to another institution in the University System of Georgia. Students should contact their new institution about its Regents' Test policy. More information can be found at the University System of Georgia website.

1425 Federal and State Constitution and History Requirements

As required by Georgia law, all students must demonstrate knowledge of the history and constitutions of the United States and of Georgia. To demonstrate this knowledge, students must pass HIST 2110 and POLS 1101 at Georgia State, have previously completed these courses at a University System of Georgia institution, or pass the proficiency examination in these legislative requirements available for students at the Testing Center. See the Testing Center for additional information counselingcenter.gsu.edu/testing/tests/historyconstitution/.

Students who transfer in American Government or Constitution courses from a non system school will be required to take the Georgia History and Constitution exams or retake the courses at Georgia State. Transfer students who have fulfilled any or all parts of this requirement will be advised of that fact at the time of admission and evaluation of transfer credit.

Note: If a student meets this requirement with all four examinations, the student must select additional course(s) from Section 3, Social Science Foundations in Core Area E.

1430 Critical Thinking Through Writing (CTW) Requirement

Effective for students entering fall term 2009 and thereafter, all students seeking baccalaureate degrees are required to pass two critical thinking through writing (CTW) courses in their majors. Students should consult the section of this Catalog that describes their major for its CTW requirements. CTW classes are unique to Georgia State University and therefore students cannot transfer equivalent credit from other universities.

1435 Critical Thinking, United States, and Global Issues Requirements

Critical Thinking (CT): The University System of Georgia requires all students to demonstrate competence in critical thinking. Students satisfy these requirements by earning a passing grade in PHIL 1010, SPCH 1000, PERS 2001, or PERS 2002. (See Section 1410.20)

United States (US): The University System of Georgia requires all students to demonstrate basic knowledge of the United States. Students satisfy these requirements by earning a passing grade in HIST 2110 or POLS 1101. (See Section 1410.50)

Global Issues (GL): The University System of Georgia requires all students to demonstrate basic knowledge of the global issues. Students satisfy these requirements by earning a passing grade in ECON 2100, HIST 1111, HIST 1112 or POLS 2401. (See Section 1410.50)

1437 Major Requirement and Minors Policy

In order to graduate, students must complete at least one major. Students may take a minor but they may have no more than two minors per degree. Double majors may have no more than two minors. Dual degree students may have no more than two minors for each degree (for a total of four).

Certain majors require a specific minor. This requirement is listed in the section of this Catalog that lists the requirements of that major.

No unit may prohibit a student from pursuing any minor available at Georgia State.

1440 Academic Residence Requirement

Academic residence is defined as being enrolled in one or more courses at Georgia State University; this is not to be confused with status as a legal resident of the State of Georgia for fee determination purposes. The minimum academic residence requirement for each baccalaureate degree is as follows:

- The candidate must earn 39 semester hours at Georgia State in courses numbered 3000 or above

with an average grade of at least a C (2.00 GPA); and
- At least one-half of the hours comprising the major must be taken at Georgia State.

Up to 9 hours of 3000/4000 credit earned at another institution as part of an official Georgia State University joint degree, dual degree, or exchange program may be counted toward the academic residency requirement.

Transfer credit, credit by examination, credit by validation, CLEP credit, AP credit, IB credit, and courses specifically excluded by university policy cannot be used to meet the academic residence requirement.

1450 D Grade Credit Restriction

Georgia State University will allow no more than 12 semester hours of D grades to apply toward degree requirements of a baccalaureate program of study. This 12 semester hours includes both credit completed at Georgia State (resident credit) and transfer credit. Certain degree programs may designate a lesser number of D grades as acceptable. Consult your college's chapter of this catalog for stricter requirements.

1460 GPA Requirement

In order to earn any Georgia State University baccalaureate degree a student must have at least a 2.00 institutional grade point average. If a student takes a course multiple times at another institution or at Georgia State, the grade earned in the final attempt will determine the applicability of the course to the degree requirements. (For example, some programs require a grade of C or better in a particular course). For details on taking a course more than once, see Section 1330.35.

1470 No I Requirement

No student may graduate with a grade of "I" (Incomplete) on his or her record for that degree program. All permanent grades for incomplete grades and grade changes for previous semesters should be received in the Office of the Registrar, Academic Records, in writing at least one week prior to the end of classes for the term. It is the student's responsibility to see to it that incomplete grades are properly recorded in the appropriate offices by this deadline.

1480 Semester Hours Requirement

The curriculum for a baccalaureate degree at Georgia State University requires a minimum of 120 semester hours. Some programs require a higher number of semester hours. Students should consult the description of their program in this catalog to determine the number of semester hours required. Students must earn 25 percent or more of the credit hours required for the degree through Georgia State direct instruction.

The semester hours for graduation are calculated as follows:

Semester hours included:

- Academic credit (transfer and Georgia State) in which grades A, B, C, D, S, or P are earned (except as excluded below) and
- Credit earned through the College-Level Examination Program (CLEP), Advanced Placement (AP), International Baccalaureate (IB), and any other approved credit-by-examination

Semester hours excluded:

- All hours earned in courses that are repeated except the final attempt
- Hours earned in courses with course numbers below 1000
- Courses (transfer and Georgia State) that are required to meet College Preparatory Curriculum deficiencies
- GSU 1010, GSU 1050, and GSU 1060
- Physical education "skills" courses KH 1010, KH 1020, KH 1030 (previous course prefixes: HPRD, HPRS, PE)

Questions may be directed to the Graduation Office, Citizen's Trust Building, 75 Piedmont Avenue, registrar.gsu.edu/graduation/.

1490 Graduation Information

Graduation Office, Office of the Registrar
Citizen's Trust Building, 75 Piedmont Avenue, Suite 1190
registrar.gsu.edu/graduation/

1490.10 Application for Graduation

All candidates for a degree must file a formal application for graduation with the Graduation Office. Students apply online and pay the graduation fee by logging into PAWS. To access the Graduation Application, select the Enrollment tab. The Application for Graduation link is located under the Updates/Requests Student Record section of the page. Once the link is selected, step-by-step instructions will be provided regarding the application process.

Students should apply two semesters prior to their anticipated term of completion. For undergraduates this is normally when a student has earned 90 credit hours. Baccalaureate candidates must apply by the following deadlines before their expected term of graduation:

Term of Expected Graduation	Deadline
Fall Semester	June 15
Spring Semester	September 15
Summer Semester	January 15

This allows the university to audit the student's records while there is time for the student to be notified and any issues to be addressed.

The Graduation Office will inform the student's college when the application is filed. The Office of

Academic Assistance of the student's college will conduct an audit and inform the student of any remaining requirements. The Graduation Office conducts an independent audit the expected semester of graduation to ensure that all degree requirements will be satisfied.

Once a student applies for graduation by the deadline, the student can change their graduation date to a future date by completing the Change of Graduation form, located on the graduation web site. Official transcripts of prior term course grades from institutions other than Georgia State University must be in the Office of Undergraduate Admissions by the last day of registration of the semester of graduation. Any other documentation pertaining to non-Georgia State courses which is needed to determine if transfer credit can be granted (such as catalog descriptions or course outlines) must be received by the student's Office of Academic Assistance by the last day of registration of the semester of graduation.

Students who wish to be transient students or who wish to participate in cross-registration for their remaining course work will graduate one semester after the term in which the last course to be transferred to Georgia State University has been taken. Such students must obtain advance permission to complete their degree elsewhere from their college's Office of Academic Assistance.

1490.20 Graduation with Honors

Scholastic recognition at graduation will be given to each baccalaureate student who maintained a high grade point average. The specific award is based on the cumulative grade point average that the student has during their last term at Georgia State University.

Cum Laude	3.50-3.69
Magna Cum Laude	3.70-3.89
Summa Cum Laude	3.90-4.00 or higher

Honors noted on diplomas or transcripts are based on the cumulative grade point average at George State University after the last term grade point averages are calculated.

1490.25 Graduation Ceremonies

University Commencement Ceremonies are held at the end of the fall and spring academic terms. Individual academic areas may hold convocations at the end of both the fall and spring terms. You should consult with your academic college. In order to participate in the University Commencement ceremony, a student must have completed all degree requirements in accordance with rules and regulations found in this catalog. Students who have registered for all remaining degree requires in the summer and have applied for summer degree conferral may elect to participate in the spring ceremony. However, degree conferral will not occur until successful completion of the summer term. While the University holds only two Commencement ceremonies, degrees are conferred at the end of each term; fall, spring and summer, and diplomas are mailed approximately four weeks following degree conferral. Diplomas are mailed to the student's mailing address of record. Students should keep their mailing addresses updated through PAWS at paws.gsu.edu. Allow four weeks following the official date of degree conferral for delivery of the diploma.

Students who indicated on the graduation application that they are attending the commencement ceremony

are to purchase their regalia from the Georgia State University Bookstore. The bookstore can be reached at 404-413-9700, by email at bookstore@gsu.edu, or online at http://services.gsu.edu/service/university-bookstore/. Commencement photography is also available. Complete information will be sent to degree candidates by the midpoint of their scheduled semester of graduation. If a student later decides not to attend the ceremony, he or she must notify the Graduation Office at 404-413-2248 or email at graduation@gsu.edu.

Additional information concerning graduation procedures can be obtained through the graduation website.

1490.30 Exit Examinations

The university and the student's college may require the completion of additional competency tests appropriate to a student's program of study prior to graduation. Information relative to these tests is available in the student's college.

Any student failing to demonstrate required proficiency on any competency test may be required to complete such additional courses as are necessary to correct the deficiency. Courses required and completed under this provision may be with or without academic credit and may be required without regard to prior course credits in these disciplines.

1490.40 Posthumous Undergraduate Degrees

A posthumous undergraduate degree shall be awarded at the request of or with concurrence of the family or friends of the deceased if, at the time of death, the student was 15 or fewer semester hours short of the semester hours required to complete the degree the student was seeking and the student had a minimum Georgia State University cumulative GPA of 2.00. Additionally, a posthumous degree may be awarded through the normal process of petition for a waiver of the university's graduation requirements. A request for a posthumous degree should be made to the Office of the Dean of Students.

1500 Student Life and Services

Georgia State University is committed to the ideal that total education involves more than academic pursuit. While students are maturing intellectually, they also are developing physically, psychologically, socially, aesthetically, sexually, and spiritually. The philosophy of student development is embodied in the areas of responsibility of the Office of the Vice President for Student Affairs and the Division of Student Affairs.

The Division of Student Affairs provides a network of support and encouragement for students through counseling, advocacy, advisement, recreation, health, leadership training, and opportunities for personal growth. Further, the division seeks to provide an enriching environment that allows for and encourages cross-cultural interaction, an appreciation of diversity, and ethical decision-making.

1504 Auxiliary and Support Services

The departments in Auxiliary and Support Services supplement the academic campus experience by providing services and facilitating the sale of merchandise to faculty, staff, and students. These departments include the following: ATM Banking, PantherDining, Graduation Regalia and Photography Services, Mail Services, PantherCard, Parking and Transportation Services, Rialto Center for the Arts, Safety and Risk Management, Travel Services, University Bookstore, University Printing and Copy Services, and Vending Services.

The Auxiliary and Support Services office is located on the second floor of Student Center West. Hours of operation are from 8:30 a.m. to 7:00 p.m., Monday through Thursday and from 8:30 a.m. to 5:15 p.m. on Fridays. Semester breaks and holiday hours are from 8:30 a.m. to 5:15 p.m., Monday through Friday. Phone: 404-413-9500. Fax: 404-413-9525. Email: auxiliary@gsu.edu. Web: http://services.gsu.edu/.

1504.10 ATMs

ATM banking machines from several financial institutions are located on campus at such locations as the University Bookstore Building, first floor; Student Center, first floor; Urban Life, second floor. Phone: 404-413-9500. Fax: 404-413-9525. Email: auxiliary@gsu.edu.
Web: http://services.gsu.edu/service/atm-banking/.

1504.15 University Bookstore

The University Bookstore, located on the third floor of Student Center West, offers a complete selection of new and used textbooks with a guaranteed lowest price, in comparison with competing downtown bookstore textbook prices. The lowest textbook price guarantee assures that the University Bookstore will match lower textbook pricing, for customers who present lower pricing among competing downtown bookstores to authorized University Bookstore personnel. The rent-a-text (www.rentatext.com) program provides students with the option of renting a new or used textbook for an academic term rather than purchasing it. At the end of the term, students simply bring or ship the textbook back to the University Bookstore. Renting instead of buying can save you more than 50% on average up front, as opposed to

having to wait until buyback cash at the end of the term. The University Bookstore also buys used textbooks in some cases paying as much as 50% of the purchase price. The University Bookstore offers a variety of name brand computer products including Acer and Samsung computers built to university specifications, educational discounted computer software, supplies, and related class needs. Officially licensed Georgia State apparel and gifts are also sold in the University Bookstore. Purchases can also be made online at www.gsubookstore.com. Cash, credit cards, checks, and PantherCash are accepted for purchases. Special discounts are available on Fridays when purchases are made with PantherCash. Phone: 404-413-9700. Fax: 404-413-9709. Email: gsu@bkstr.com. Web: www.gsubookstore.com.

1504.20 Graduation Regalia and Photography

Auxiliary and Support Services provides Portrait and Ceremony Photographs for your Commencement memories. Logo Regalia are available for online purchase for pick-up at the Commencement Fair. Graduation Photography is available through a vendor managed by Auxiliary and Support Services. For more information on graduation photography call toll-free 1-800-424-3686. Information on other Commencement items from diploma frames, class rings, invitations, as well as stoles of gratitude are available at the University Bookstore. Phone: 404-413-9700. Fax: 404-413-9709. Email: gsu@bkstr.com. Web: www.gsubookstore.com.

1504.25 PantherDining

Meal Plans

PantherMeals offer unlimited access to an "all you care to eat" dining experience in the Patton Hall and Piedmont North Dining Halls and is an academic year meal plan.

Academic Year 2015-2016 7-Day Meal Plan

» The 7-Day Meal Plan includes breakfast, lunch, and dinner Monday through Friday, and brunch and dinner on Saturday and Sunday.
» $3,796 (Two installments of $1,898 per semester). Only $101 per semester more than the 5-day plan.

Academic Year 2015-2016 5-Day Meal Plan

» The 5-Day Meal Plan includes breakfast, lunch, and dinner Monday through Friday.
» $3,594 (Two installments of $1,797 per semester).

PantherMeals descriptions, pricing and application details are available at dining.gsu.edu.

- **Patton Dining Hall:** Located at Edgewood and Piedmont at 160 Edgewood Ave., this Dining Hall serves a large variety of choices in an all you care to eat style dining environment, and is available to the entire Georgia State University Community Monday through Friday. Phone: 404-413-9630. Web: dining.gsu.edu
- **Piedmont North Dining Hall:** Located at 175 Piedmont Avenue, this Dining Hall serves a large variety of choices in an all you care to eat style dining environment, and is available to the entire

Georgia State University Community Monday through Sunday. 404-413-1559,
Web: dining.gsu.edu

Panther Dining Catering Services
404-413-9670
catering.gsu.edu

Flavors Catering by Sodexo
404-413-9601
dining.gsu.edu/catering

On-Campus Retail Locations

- **The Courtyard:** Located in the Student Center, the Courtyard features Far East Fusion, The Carving Board, Pasta Creations, grab-and-go items, and Einstein Bros Bagels.
- **Panthers Club:** Located on the third floor of the University Center, Panthers Club serves a full selection of breakfast, lunch and dinner items featuring Chick-fil-A, Plaza Café, Pounce Garden, Pounce Deli, State Place Grill, Freshens Frozen Yogurt, grab and go items, proudly brewed Starbucks Coffee, and a quick stop for homemade pastries.
- **Panther Pizza:** Located on the first floor of the University Bookstore Building, Panther Pizza features pizza, and a variety of pastas, salads, and grab and go items.
- **Panthers Corner Café:** located on the ground floor of Kell Hall, features proudly brewed Starbucks selections; pastries and desserts, a popular menu of fresh made sandwiches, and grab and go items.

Retail Contact Information: 404-413-9607. Web: dining.gsu.edu

1504.30 PantherCard

The PantherCard is the official Georgia State University identification card, library card, access card to some campus facilities, and provides PantherCash (a debit card) and PantherMeals accounts. PantherCard is issued to all currently registered students and to faculty, staff, and affiliates of Georgia State University.

PantherCash accounts can be opened at the Auxiliary and Support Services office with cash, check MasterCard, Visa, or American Express.

PantherCash

PantherCash accounts enable students to add value to their PantherCard and receive discounts on some on-campus purchases. Additional PantherCash deposits to the account can be made online at panthercard.gsu.edu, or at the Auxiliary and Support Services office, at the PantherCash Online Card Office, at the value transfer stations (VTS), or any Payment Headquarters In Location (PHIL) machines on-campus. More information regarding these debit accounts and their uses on campus is available at the PantherCard website. Use PantherCash to receive vending discounts on the purchase of soft drinks or water at vending machines displaying the PantherCash sign, discounts on Fridays at the University Bookstore, and other on and off-campus locations. Phone: 404-413-9508. Fax: 404-413-9525.

Email: panthercard@gsu.edu. Web: panthercard.gsu.edu.

Money Network Financial Aid Refund Authorization:
Take advantage of a quick and easy way to receive your financial aid refund. First, you must activate a Money Network Discover Card account on your PantherCard. To do this up the newest PantherCard with the Discover Card logo on it. Call 1-800-822-4283 and follow the system promps. To authorize your student account refund on your PantherCard follow these steps:

1. Log into PAWS at https://paws.gsu.edu
2. Select the "Finances" tab
3. Select the "Refund Information" section
4. Select the "Panther Card Authorizations" link
5. Select "Authorize" from the dropdown menu under the "PantherCard Money Network® Authorization" section
6. Click Submit

1504.40 Parking and Transportation

Georgia State University offers students options for traveling to and from campus: driving to campus and parking on-site, driving to an off-site parking area, and discounted monthly MARTA and GRTA cards. Parking Budget Cards can also be purchased for on-campus parking at a reduced rate. Panther Express Shuttle services transport students from off-campus and housing parking, and other campus locations at no additional charge.

On-Campus Parking

- Students should register their vehicle at parking.gsu.edu
- A valid PantherCard is required for all parking transactions.
- The Auxiliary and Support Services office accepts cash, checks, Visa, MasterCard, American Express and PantherCash.
- Parking enforcement is a year-round program. Consult the Motor Vehicle Parking information brochure for details as to specific violations and fines.
- Daily Parking requires payment upon entry to parking areas with no in and out or unlimited entries. A Budget Card is a recommended option for those individuals parking daily and allows persons to park in the parking decks and lots on campus at a reduce price per entry.
- The Parking Budget Card allows persons to park in the parking decks and lots on campus at a reduced price per entry.
- M Deck, Non-Resident Lofts and T Deck parking semester passes are available through an online waitlist while supplies last online at parking.gsu.edu at the beginning of each Fall, Spring, and Summer semester at a semester-flat-rate, guaranteed parking permit with unlimited entries. Information on M Deck is available at parking.gsu.edu.

- Each Semester parking at the Lofts Parking Deck is available for Freshman Hall, Lofts, and Greek Housing residents at the customer service windows of Parking and Transportation.

Student parking is available in the following locations (with parking attendants on duty from 6:30 a.m. –

10:00 p.m., Monday – Friday); some restrictions or requirements may apply.

- M Deck
- S Deck (top two levels for student parking only)
- K Deck
- N Deck
- G Deck (Students after 4:00 pm, Monday – Friday, or all day on weekends)
- Lofts Deck (No parking attendant on duty)
- T Deck
- Turner Field Blue Lot as specified for students

Panther Express Shuttle Services and Off-Campus Parking

- The Panther Express Shuttle Service allows students to park their vehicles with a valid parking permit at the Blue Lot, Turner Field. This parking space is limited as to availability, and is on a first-come-first-served-basis. For information regarding restricted parking dates such as on dates of Braves Baseball games when the PantherExpress Shuttle and lot will not be available.
- Panther Express Shuttle services transport students to and from the University Commons, Aderhold Learning Center, and off-campus University provided parking areas at no charge.
- Panther Express shuttles are accessible to persons with mobility impairments and feature automated passenger lift equipment for safe loading and unloading of passengers in wheelchairs or who otherwise require such assistance. Panther Express shuttle drivers are fully trained in use of accessibility equipment and are committed to providing courteous and helpful services for all PantherExpress passengers. For additional information regarding on-campus assistance for persons with disabilities, please contact the Office of Disabilities at 404-413-1560.
- You can follow Parking and Transportation on Twitter at www.twitter.com/gsuparking. You can also download the University App and follow the latest on Parking and Transportation on your smart phone.

Phone: 404-413-9500. Fax: 404-413-9525. Email: parkingandtransportation@gsu.edu. Web: transit.gsu.edu

MARTA AND GRTA

Customer Service Area. Students who wish to purchase a Georgia State discounted monthly MARTA pass for each month need to pick up a specially marked MARTA Breeze card from the Auxiliary and Support Services Customer Service Area located in Suite 200, University Bookstore Building. A valid PantherCard is necessary in order to purchase specially marked Georgia State University discounted plastic Breeze Cards initially. Once a new MARTA Breeze Card is obtained, students will need to log on to ParkingWeb at http://parking.gsu.edu/ between the 1st and 15th of each month to purchase the following month's card in order to receive the maximum discount available for their card.

ENJOY THE BENEFITS

Easy to Reload
The new Breeze Card is reloadable online through ParkingWeb at parking.gsu.edu.

Discounted

If reloaded online between the 1st and 15th of each month, students pay $61 and staff pay $77 instead of the full retail price of $95 if purchased directly through MARTA.

Durable
Breeze Cards are made of durable plastic, and can either be reloaded online or through any MARTA kiosk although kiosk prices are higher because they do not receive the University subsidy.

Limited Protection Plan
There is also a limited protection plan on all Breeze Cards purchased. As long as the card is reported lost, stolen, damaged, or non-functional before the 22nd of each month at Auxiliary and Support Services, the card will be replaced and will still have that month's benefits. There is a small administration fee for replacement.

A valid PantherCard is required to receive the discount. Students, faculty and staff. GRTA passes are also available for purchase at the Auxiliary and Support Services customer service windows.

1504.45 University Printing and Copy Services

University Printing and Copy Services consists of University Printing and Copy Corner along with self-operated copy machines on campus, and is dedicated to providing quality and timely printing and copy services to the University community. In addition to contacting each entity directly for your needs, University Printing and Copy Corner have a shared online printing site which can be used by students, University employees, and the community. Access to the site can be requested at gsuprints.nowdocs.com.

- **University Printing**: University Printing offers a full range of services, offset printing; color printing of newsletters, brochures and posters; faxing; and folding, cutting, binding, etc. Work may be completed from printed originals or from electronic media such as email (printcopyservices@gsu.edu) flash drives, CD, DVD and FTP. Accepted methods of payment include cash, check, major credit/debit cards, and interdepartmental charge cards. Phone: 404-413-9586. Web: services.gsu.edu/printing/.
- **Copy Corner:** located in Kell Hall, adjacent to Mail Services, offers a full range of digital copy services, including fast black and white copying, color copying, brochures and posters; faxing; and folding, cutting, binding, etc. Work may be completed from printed originals or from electronic media such as email (copycorner@gsu.edu) flash drives, CD, FTP, and diskettes. Accepted methods of payment include PantherCash, cash, major credit/debit cards, and interdepartmental charge cards.
- **Numerous self-operated copy machines are available in University Library North:** located on the 1st, 2nd, and 3rd floors, and University Library South, located on the 2nd floor. The Law Library has self-operated copy machines in its Copy Room. In addition, copiers are available in the Aderhold Learning Center Concourse Level and adjacent to Mail Services in Kell Hall. Accepted methods of payment include PantherCash, coins, and cash. The use of PantherCash provides a discounted cost per copy. Phone: 404-413-9660. Email: copycorner@gsu.edu.
  Web: services.gsu.edu/printing/.

1504.50 Mail Services

Mail Services manages the incoming and outgoing mail flow for University departments and through United States Postal Service (USPS), Mail Services operates an authorized Post Office selling stamps and providing for the mailing of parcels and other mail. The GSU Post Office also offers the sale of money orders and the processing of notary services. The GSU Post Office is open Monday – Friday, 8:30 a.m. – 4:30 p.m. Mail Services hours of operation are Monday – Friday, 8:30 a.m. – 5:15 p.m. Mail Services Phone: 404-413-9653; GSU Post Office Phone: 404-413-9656.
Web: http://services.gsu.edu/service/mailservices/.

Please note that Georgia State Housing manages the mail for all students residing in on-campus housing.

1504.55 Rialto Center for the Arts

Georgia State University's Rialto Center for the Arts hosts a range of exciting performances from theater to dance to music to film. Offerings feature jazz legends, modern dance, and international performers of all kinds. The Rialto is the proud home to the School of Music's jazz, wind, percussion, and classical ensembles. The Rialto's Visual Art Series, Feed Your Senses, and many of the School of Music performances are free. Check upcoming Rialto events at www.rialtocenter.org or contact the Box Office Monday-Friday from 10:00 a.m. – 4:30 p.m. Faculty, staff and students receive a 15% discount off tickets in advance. Georgia State Student "Rush" tickets — 50% off day of show. Phone: 404-413-9489. Email: info@rialtocenter.org. Web: www.rialtocenter.org.

1504.60 Safety and Risk Management

Safety and Risk Management offers administrative assistance and support training programs for Risk and Insurance management, Occupational Health, Right to Know, Workers Compensation, Training Programs, and Georgia's Clean Air Campaign. Phone: 404-413-9547. Web: http://safety.gsu.edu/risk-management/.

1504.65 Vending

Vending machines are available in several locations throughout the campus, including canned/bottled beverage machines, featuring a large selection of popular brands, beverage machines with coffees and hot chocolate, and a variety of snack items. Cash and either PantherCash readers or credit/debit card readers are accepted at most vending machines with PantherCash discounts available on select vending beverage machines. Phone: 404-413-9500. Web: http://services.gsu.edu/vending/.

1506 Child Development Center

The University maintains the Lanette L. Suttles Child Development Center located in Dahlberg Hall. The center is designed for children of students with limited space available for the children of faculty and staff. Full-time child care is available in addition to flexible blocks of time. Information regarding hours, registration, fees and ages of children accepted into the program may be obtained from the center at 404-413-8460.

1508 Civic Engagement

The Office of Civic Engagement (OCE) is part of University Career Services and provides assistance to students, student organizations, faculty and staff concerning volunteer and community service opportunities. Community service offers students the opportunity to gain hands-on experience while preparing for their professional futures. The office connects the Georgia State University community with the greater Atlanta community by creating partnerships which foster service-learning opportunities and revitalize the community. Individuals who become engaged with the OCE strengthen their career readiness and capacity to help solve the problems faced by society while learning the importance of being an active, engaged citizen.

Through OrgSync, an online database, OCE is able to provide service opportunities for individuals and groups based on personal interest while allowing participants to log and track volunteer hours. Students and student organizations that engage in service projects and log their hours in OrgSync are able to create a permanent record of their service hours.

Panther Breakaway, one of OCE's signature programs, offers students the opportunity to spend their academic breaks in service to others. In the past, students have worked in various locations around the southeast and internationally, including Washington D.C., Orlando, Memphis, New Orleans, and Costa Rica. Students are educated on a social issue prior to the trip, and then immerse themselves in the community where they complete service projects surrounding the issue. Previous trips have addressed social issues such as literacy, poverty, hunger, homelessness and environmental awareness.

The Office of Civic Engagement is a part of University Career Services, which offers to all Georgia State students, graduate and undergraduate, a wide range of highly supportive personal and professional development opportunities and services. University Career Services is comprised of the Office of Civic Engagement, Leadership Development, Employer Relations, Cooperative Education and Internships, Graduate and Professional School Planning, Career Development and the Georgia Career Information Center. For more information on volunteer and community service opportunities, please visit the Office of Civic Engagement, located in Suite 475, Student Center West, or contact the office by phone at 404-413-1550. You can also learn more about the office and available services by visiting service.gsu.edu.

1510 Counseling and Testing Center

The comprehensive services of the Counseling and Testing Center (CTC) reflect the University's concern for the many needs of currently enrolled students. Counseling is available free of charge to students having educational, personal, or relationship concerns. The Center offers individual, couples and group counseling. Groups include several interpersonal process groups including general growth groups, an African-American Women's Support Group, African-American Co-ed Support Group, GLBT Support Group, a Graduate Student Support Group, a Grief Support Group, a Stress Management Group, and a Substance Abuse Group. Individual stress management sessions are also available to students. For those who are in counseling with the Center or the Psychology Clinic through the Clinical Psychology Department, psychiatric services for evaluations and medication determination are available. Referral services for students having needs that go beyond the scope of the CTC also are available.

Students may come in for an initial counseling consultation on a walk-in basis every day during business hours. The purpose of this visit is for the student's concerns to be assessed and to have a plan put into place for addressing them. Follow up counseling visits are by appointment. Faculty, staff or students concerned about a student's health and wellbeing are encouraged to phone the Center to consult with the senior emergency on-call counselor. A counselor will assist in determining the most appropriate course of action.

The CTC's Testing service offers many national examinations, certifications, psychological assessments, math placement, the Regents test and testing for institutional programs. Test proctoring and test scoring services, complete with statistical analyses, are available to the faculty through testing services.

Educational workshops are designed to respond to the variety of needs that students experience during their academic careers, including stress management, time management, study skills, performance enhancement, relationship enhancement, and anger management among others. Psychologists from CTC are also available for guest lectures in classrooms and for student organizations.

All clinicians in the Center have advanced degrees in Psychology, Counseling, or Social Work, are licensed or supervised by a licensed clinician and have a special interest and skills in relating to university students and their concerns. Visits to the CTC are private and confidential. No one outside the Center is given any information regarding any appointments that have been made or what is revealed in counseling without the written release from the student according to Georgia Law. No information becomes part of a student's academic record.

For more information about the services offered, please call 404-413-1640, visit the Center at 75 Piedmont Ave., or visit counselingcenter.gsu.edu.

1511 Student Victim Assistance

Student Victim Assistance provides assistance to students who have experienced a traumatic event or have been the victim of sexual assault or other crimes. The student-centered support services include direct crisis intervention, making appropriate referrals (Counseling and Testing Center, Student Health Clinic, GSU Police, etc.), providing advocacy and support during all phases of legal/criminal proceedings, supplying information (victim rights, typical responses to trauma and victimization, safety planning), providing consultation and education to students and faculty and staff, and providing ongoing follow-up and support as needed. Visit the office located in Suite 239 of 75 Piedmont Ave., consult the website at victimassistance.gsu.edu, or call 404-413-1965.

1512 Dean of Students

1512.10 Student Advocacy and Outreach

The Office of the Dean of Students is dedicated to student success and retention through the facilitation of students' understanding and utilization of University systems and resources. Knowledgeable staff assist and empower students in conducting their University affairs by listening and analyzing the student's issue/question/concern, talking with the student to help devise a problem-solving strategy, and referring

the student to appropriate staff members and departments. For more information, visit the office located in Student Center East, Suite 303, or website deanofstudents.gsu.edu, or call 404-413-1515.

1512.20 Emergency Assistance

Emergency Locator: Information regarding students' class schedules cannot be released for any purpose by the Office of the Dean of Students. However, in the event of a verified family emergency such as a life-threatening situation or serious illness that occurs during regular business hours (Monday-Friday, 8:30 a.m. – 5:15 p.m.), staff will make an attempt to deliver a message or contact a student in class regarding the emergency information. Please call 404-413-1515 for assistance.

Accident/Injury/Hospitalization: The Office of the Dean of Students can provide assistance to a student who has experienced a documentable emergency circumstance which prevents him/her from attending class by coordinating with relevant campus resources to support the student's successful return to the University. In the event a student is hospitalized and unable to contact their professors, the professors can be notified of the absence so that upon returning to the university, the student can follow-up with their professors to complete any missed assignments. Alternatively, if the student is unable to remain enrolled due to the nature of the emergency situation, the student can receive guidance and assistance regarding the withdrawal process. Please call 404-413-1515 for assistance.

1512.25 Student Conduct

The Georgia State University *Student Code of Conduct* contains policies and procedures to both promote the University mission and protect the rights of students, faculty and staff. Students are obligated to be knowledgeable of and to comply with the University's rules, policies and procedures. Students are also individually responsible for understanding and exercising their rights, fulfilling their obligations and respecting the rights of others. The *Student Code of Conduct* articulates the types of actions that infringe upon the campus' climate of civility and the academic integrity of the University. An overarching philosophy of the student conduct process is to provide students with the opportunity to reflect upon their actions and take responsibility for the outcomes of their life and to develop ethical approaches to their decision-making process. A copy of the most current *Student Code of Conduct* may be accessed on the web at codeofconduct.gsu.edu. For more information, visit the Office of the Dean of Students located in Student Center East, Suite 303, or call 404-413-1515.

1512.55 Student Health Insurance

The following groups of Georgia State University students are required to have health insurance.

- All graduate students awarded a Full Tuition Waiver as part of their graduate assistantship
- All undergraduate, graduate and English as a Second Language (ESL) international students holding F1 and J1 visas
- All graduate students receiving fellowships fully funding their tuition

Additionally, for those students not covered under the mandatory plan, a voluntary plan is also available.

Eligible students include all Undergraduate Students enrolled in at least 6 credit hours and Graduate Students enrolled in the graduate or professional degree program, taking at least one graduate level course. The following link: https://www.uhcsr.com/gsu outlines the coverage, benefits and premium for an insurance program specifically designed for Georgia State University students and their dependents.

1514 Disability Services

The Margaret A. Staton Office of Disability Services (ODS) coordinates services and programs for students with disabilities. New students with disabilities are encouraged to register with the office prior to their first semester to ensure that appropriate accommodations are made. Current Georgia State University students with disabilities, however, may register with the office throughout the semester. The office also provides information and resources to the campus regarding accessibility and accommodations issues university-wide. ODS is located in Student Center East, Suite 205 or by phone/TTY at 404-413-1560 or 404-413-1564. Detailed information about ODS is available at disability.gsu.edu.

1515 Educational Opportunity and TRIO Programs

The Office of Educational Opportunity and TRIO Programs is one of the university's primary vehicles for outreach to the greater Atlanta community. The office serves as the coordinating body for a variety of programs designed to provide access to educational opportunities, increase retention and graduation rates as well as prepare students for graduate study. Among its current programs are the, Educational Opportunity Center, Educational Talent Search, Student Support Services, Science, Technology, Engineering and Mathematics, Atlanta-Gwinnett Upward Bound, DeKalb Upward Bound, Upward Bound Math/Science and the Veterans Upward Bound Program. For additional information, visit the website oeo.gsu.edu or call 404-413-1690.

Student Support Services (SSS), a federally funded program within the Office of Educational Opportunity and TRIO Programs, is designed to increase the retention and graduation rates of undergraduate college students who are first generation, demonstrate low income or have documented disabilities. The college experience is enhanced for all SSS participants by providing individualized academic assessments, academic, personal career and financial aid counseling, tutoring, workshops dealing with academic, personal, and career issues, cultural events and workshops, a computer lab with free prints and copies, and advocacy. SSS participants are also eligible for financial assistance in the form of grant aid and scholarships. All services are aimed at increasing the student's academic success. Students interested in becoming a Student Support Services participant may contact the office at 145 Sparks Hall, 404-413-1680. Please visit the SSS website at oeo.gsu.edu.

Student Support Services, Science, Technology, Engineering and Mathematics (SSS/STEM), a federally funded program within the Office of Educational Opportunity and TRIO Programs, is designed to increase the retention and graduation rates of undergraduate students majoring in STEM fields who are first generation, demonstrate low income or have documented disabilities. The Program encourages and prepares the participants to attend professional and graduate schools as well as provides participants financial assistance in the form of grant aid and scholarships. Some of the services offered to increase the student's academic success include individual and group tutoring, academic advisement and assistance, financial aid assistance, field trips, supplemental instruction, leadership and professional development

workshops, career exploration and development, computer lab, and grant aid. Students interested in becoming a Student Support Services/STEM participant may contact the office at 145 Sparks Hall, 404-413-1688. Please visit the SSS/STEM website at oeo.gsu.edu.

1517 Georgia Career Information Center

The Georgia Career Information Center (GCIC) provides online career exploration tools and up-to-date career information to the citizens of the State of Georgia, primarily in the public schools (K-12) and the technical colleges. GCIC also assists with state-level employment initiatives and agencies by providing career development software solutions. The core tool that GCIC maintains is the Georgia Career Information System, which supports the State of Georgia in meeting state educational mandates with regard to career exploration and planning for students at all grade levels in the public schools. Georgia State University students can access GCIS for career exploration at http://www.gcic.peachnet.edu/.

The Georgia Career Information Center is a part of the University Career Services, which offers to all Georgia State University students, graduate and undergraduate, a wide range of highly supportive personal and professional development opportunities and services. University Career Services is comprised of the Office of Civic Engagement, Leadership Development, Employer Relations, Cooperative Education and Internships, Graduate and Professional School Planning, Career Development, and the Georgia Career Information Center.

More information is available at http://www.gcic.peachnet.edu/ or 404-413-1720. GCIC is located at One Park Place South, Suite 823.

1518 Intercollegiate Athletics

Georgia State University has an intercollegiate athletics program that competes as a member of the National Collegiate Athletic Association (NCAA) Division I Football Bowl Subdivision level and as a member of the Sun Belt Conference. Other members of the Sun Belt include: Appalachian State, UALR, Arkansas State, Georgia Southern, UL Lafayette, UL Monroe, South Alabama, Texas-Arlington, Texas State and Troy.

Georgia State sponsors 16 sports programs, including baseball, basketball, football, golf, soccer, and tennis, for men, as well as basketball, cross country, golf, sand volleyball, soccer, softball, tennis, track and field and volleyball for women. Additional participation opportunities for female students will be added in the near future.

Georgia State abides by all rules and regulations of the NCAA and Sun Belt for all athletics competition, and student-athletes must meet all admission and eligibility requirements in order to compete.

Georgia State's athletics teams, known as the Panthers, compete not only against conference opponents but also against other top-ranking teams around the nation. Georgia State teams and individual student-athletes have gained regional and national recognition.

For further information call 404-413-4000 or visit the athletics website at www.georgiastatesports.com.

1519 Leadership Development

Leadership Development provides dynamic programs and services designed to assist students in their growth and development as leaders on and off campus. Leadership is a characteristic that serves all students well as they embark on their careers and move forward in their lives. From small roundtable discussions to large-scale conferences such as the annual Leadership Conclave, Leadership Development addresses the needs of experienced as well as emerging leaders. Student organizations looking for specific leadership training for members are encouraged to contact the office to set up training sessions.

Leadership Development is a program of University Career Services, which offers to all Georgia State University students, graduate and undergraduate, a wide range of highly supportive personal and professional development opportunities and services. University Career Services is comprised of the Office of Civic Engagement, Leadership Development, Employer Relations, Graduate and Professional School Planning, Career Development, and the Georgia Career Information Center.

For more information on the Leadership Development program, visit leadership.gsu.edu or call 404-413-1588.

1520 Multicultural Programs and Services

1520.05 Office of Black Student Achievement

The Office of Black Student Achievement promotes academic and social support for undergraduate and graduate students. The office primarily focuses on providing assistance with academic coaching, peer and faculty mentoring, graduate school preparation, fostering cultural awareness, student leadership development and academic tutorial. The office is open to all students but is charged with helping to support the retention and progression of black students in particular. The office strives to foster an environment that is welcoming and which demonstrates an appreciation for multiculturalism and diversity among the many different cultural groups found on the campus. Members of the staff encourage you to visit the office which is located in Student Center East, Suite 300 or call 404-413-1530 for additional information. The hours of operation for the office are 8:30 a.m.-5:15 p.m., Monday through Friday.

1520.10 Multicultural Center

The Multicultural Center is a unique place to learn, grow, and explore. The center is a place where every member of the Georgia State University's diverse community can come and share in the promotion of cross-cultural interactions, awareness, communication, dialogue and mutual learning through an integration of engaging activities. The programs that are organized through the Multicultural Center allow individuals from different cultural backgrounds and social identities to engage in meaningful experiences that assist in building a culture of care.

Heritage/History Month Recognition Events, Martin Luther King, Jr. Commemoration, Community Office Hours, as well as Multicultural Programming Council, Book Discussions, Classroom Presentations on multicultural and diversity topics, Conversations on Contemporary Social Concerns, and a library of books, videos, and training resources are a few of the examples of the programs, services and support offered by the Multicultural Center. In addition, the Panther Ambassadors for a Culturally Competent Campus (PAC3) Ambassadors are a group of student leaders who work in collaboration with the Multicultural Center and University Housing to raise cultural competence on campus. For more information about the Multicultural Center visit Student Center East, Suite 206 or call 404-413-1584.

1522 Student Involvement

1522.10 New Student Orientation

New Student Orientation introduces new undergraduate students and their families to Georgia State University by offering orientation programs that facilitate student integration into curricular, co-curricular, and University life. New Student Orientation provides programs that enhance student development through involvement and leadership opportunities including: Incept/New Student Orientation, Panther Welcome, Freshman Convocation, Alpha Lambda Delta Freshman Honor Society, and Tau Sigma Transfer Honor Society. New Student Orientation is located in Suite 304, Student Center East. For more information call 404-413-1580 or visit incept.gsu.edu.

1522.20 Parent Relations and Parents Association

Parent Relations provides parents of Georgia State University students with an opportunity to remain actively involved with their student in their journey together through the college experience. A variety of programs and services are offered to parents such as Family Weekend and a parent hotline.

Parents are also invited to join the Georgia State University Parents Association. Membership in the Association gives family members access to newsletters, programming opportunities, and a scholarship for their students. The Parents Association is led by an executive board of parents of current Georgia State University students. The Parents Association holds at least one general membership meeting a year and several executive board meetings each semester. For more information on Parent Relations and the Parents Association call 404-413-1580 or visit the website parents.gsu.edu.

1522.30 Greek Life

While there are many opportunities to get involved at Georgia State, fraternities and sororities offer an experience that is unique and life-long. Greek Life gives students the opportunity to experience leadership development, serve in the local Atlanta and campus community, network with alumni to form career opportunities and make lifelong friendships. In addition, involvement in fraternities and sororities increases students' chances of graduating from college, enhances their overall academic achievement and improves their satisfaction with their college experience.

There are four governing bodies of fraternities and sororities: the Interfraternity Council (IFC), the Panhellenic Council (PC), the National Pan-Hellenic Council (NPHC), and the Multicultural Greek Council (MGC). With more than 30 organizations to choose from, students can find an organization that provides the experience they are looking for. For more information, visit the office located in Student Center East, Suite 304, the website greeklife.gsu.edu or call 404-413-1580.

1522.40 Student Organizations

More than 400 chartered student organizations offer Georgia State University students a wide variety of involvement opportunities. From community service and cultural groups to political and recreational groups, these student organizations reflect a vast array of interests. In addition to providing students with a connection to others with like interests, active involvement in student organizations also offers opportunities for students to gain valuable leadership skills by serving as an officer and/or planning events and programs. A listing of all chartered student organizations as well as the requirements to charter new groups can be found online at gsu.orgsync.com. For more information visit the office located in Student Center East, Suite 304, or call 404-413-1580.

1522.50 Honor Societies and Professional Organizations

As part of the large number of chartered student organizations, there two types of organizations that encourage student excellence in both academic and co-curricular activities, honor societies and professional organizations. Honor societies recognize success of students and can be joined based on year in school, major, or involvement. The honor societies on campus consist of both nationally recognized and local organizations. Professional organizations connect students to their desired profession. The professional organizations are often affiliated with national organizations that further broaden the opportunity to connect with others in the profession. For more information about honor societies and professional student organizations, visit Student Center East, Suite 304, the website gsu.orgsync.com or call 404-413-1580.

1522.60 Religious Activities

The Council of Interfaith Concerns is a coordinating body for the religious organizations at Georgia State University. It meets regularly to plan and implement interfaith programs and activities, sponsors special worship services throughout the school year, and provides a resource for those interested in learning about religious ministry on campus. Catholic, Jewish, and Protestant chaplains are available through the council;

contacts and referrals from students, faculty, and staff are welcomed. For more information about the work of the council or any of the religious groups, visit the office in 452 Student Center West.

1524 Ombudsperson

The Office of the Ombudsperson confidentially assists all members of the campus community with informally resolving conflict or other concerns and issues. The Ombudsperson listens, answers questions, makes referrals, explains University policies and procedures, and mediates between individuals or groups in a dispute to resolve conflict. Mediation and facilitation services offered by the office give all persons involved in conflict the opportunity to discuss problems and cooperate in generating options for resolving disputes. The office also provides training and education in several areas including conflict resolution, respectful communication, cultural awareness and civility. The Ombudsperson does not have power to adjudicate, arbitrate or investigate complaints. Individuals who have questions or concerns about classroom environment, interpersonal conflicts, appeals processes, university policies, fair treatment, communication difficulties or need help with resolving other university concerns are encouraged to call or visit the office to attempt informal resolution prior to filing formal complaints. The Office of the Ombudsperson is located at 215 One Park Place and can be reached by telephone at 404-413-2510, or via the web at www.gsu.edu/ombuds.

1526 Recreational Services

Recreational Services, a department within the Division of Student Affairs, promotes healthy life-styles through exceptional programs, services and facilities.

Three facilities include the flagship Student Recreation Center, along with two off-campus facilities, Indian Creek Recreation Area and Panthersville. The Student Recreation Center is a four-story, award winning, 161,000 square foot facility located in the heart of the downtown campus and is available to Georgia State University students, faculty, staff, and alumni. The facility features include: a game room with billiards, darts, table tennis, foosball, air hockey and Wii games; a 35-foot climbing wall and bouldering cave; racquetball courts and squash court; basketball courts and multi-sport auxiliary court; two weight rooms with cardio, selectorize weight machines, and free weights; indoor track; aquatic center with lap pool, spa, sauna, sundeck and wet classroom; three studios for aerobics/dance, martial arts, and indoor cycling/yoga; outdoor equipment rental shop, vending area, and cyber-lounge. The auxiliary gym has spectator bleachers and is lined for seven different sports. The Equipment Issue desk provides locker rentals, sports equipment rental, towel service, gym clothing rental, and general information. One can register for programs and services, purchase memberships, and obtain general information at the Service Counter. All first-time users must complete an on-line waiver. A current, validated PantherCard is required for entry into the facility, participation in any recreation activity, and for all rentals.

The Indian Creek Recreation Area, a 16-acre wooded site in DeKalb County is host to the new Indian Creek Lodge that is available for use, for a fee, by chartered university student organizations and departments for retreats, parties and meetings. Recreation members can also rent the facility for personal events, pending approval. The ICRA offers a new challenge course with 3 zip lines and multi-tiered ropes course that is perfect for team building initiatives. The property also includes a large event lawn, a large outdoor swimming pool for use during the summer, a sand volley ball court, and picnic areas.

Located on a 100-acre site in southern DeKalb County, the Panthersville Recreation Complex provides lighted playing fields and other accommodations for sport clubs, intramural activities and varsity athletic competitions.

Recreational Services offers a wide variety of programs that serve a diverse student body including aquatics, instructional clinics, fitness classes, personal training, nutritional counseling, outdoor adventure, intramural competition, sport clubs and drop-in play. Supported by student activity fees, many of the programs are free of charge; however, those with a fee are very reasonably priced. Whether you enjoy a playing flag football, skiing in Colorado, or learning to Salsa, there is a program for you.

For complete information on all scheduled recreation activities, programs, facilities, and regulations pick up a Recreation RAP-UP, published each semester, or go online to recreation.gsu.edu. You can also visit the Recreational Services administrative office in Suite 200 of the Student Recreation Center, or call 404-413-1750 or 404-413-1780.

1528 Student Health Promotion and Education

Student Health Promotion (SHP) envisions a healthy Georgia State University in which all members of the campus community are healthy, safe, and drug free.

SHP values cultural diversity and inclusiveness, and supports social justice efforts in all public health programming.

The mission of SHP is to provide and support health promotion services, events, programs, and community partnerships that increase health literacy, communication, choices and/or advocacy. SHP supports its mission by providing services, events and programs in five key areas of public health:

1. Alcohol, Tobacco, and Other Drug Prevention: includes events and programs related to substance risk reduction and tobacco cessation.
2. Healthy Sexuality: includes events and programs on topics such as safer sex, communicating assertively, contraception, and prevention of sexual assault. Services also include free, confidential HIV testing and coaching about risk reduction behaviors.
3. Violence Prevention: includes events and programs on topics such as prevention of sexual assault and intimate partner violence, prevention of stalking, anger management, and suicide prevention.
4. Health and Safety: includes events and programs on topics such as cancer prevention, illness prevention, pedestrian and driver safety, sun and water safety, and stress management.
5. Healthy Nutrition: includes events and programs on topics such as healthy eating habits, healthy cooking demonstrations, eating disorders and healthy body image.

Requests for programs can be made by calling 404-413-1577. Groups and individual students are encouraged to stop by the office to learn more about promoting a healthier Georgia State. Please visit us at 75 Piedmont, Suite 241 or healthpromotion.gsu.edu.

1529 Health Services

The Georgia State University Clinic can meet many of your primary care and urgent health care needs on campus. The staff includes physicians, nurse practitioners, nurses, and medical assistants. The clinic is located in 141 Piedmont Avenue, Suite D, and office hours are 8 a.m. – 7 p.m. Monday – Thursday and 8 a.m. – 5 p.m. Fridays with the last appointment 30 minutes prior to closing. During Spring Break and summer, the clinic hours are 8 a.m. – 5 p.m.

Appointments are required for visits, but urgent visits may walk in and be seen on a priority basis.

You must be a currently registered student to receive services. Always bring your Panther Card and picture identification. We file Georgia State student insurance, but other insurance plans are not accepted. Payment is expected at the time of service by cash, check, credit, or debit card. The clinic can take over the phone payments. Please call 404-413-1930 for an appointment or other information, or visit the website at health.gsu.edu

- **Primary Care:** Visits and medical advice are FREE — fees are charged for tests, supplies, and medicines. Primary care includes diagnosis and treatment of common illnesses and chronic medical problems, wellness visits, annual physicals, STD checks and treatments.
- **Minor Emergency:** Wound care including stitches, asthma care, first aid, and assessments and referrals are provided. The Clinic does NOT treat serious, life-threatening or limb-threatening illnesses or injuries. **In case of a true emergency on campus, please call 911** for an ambulance, and then call the university police at 3-3333. The police can direct the ambulance to the location of the emergency. The university police can also assist if someone has a minor emergency while on campus and cannot get to the clinic without assistance. Clinic personnel cannot leave the clinic to attend to minor emergencies that occur at other campus locations, so please call the campus police to help bring the patient to the clinic.
- **Sports Medicine:** Sports participation physicals are provided free. Minor injury care is provided through our Orthopaedic clinic, which is held on Thursdays from 9 a.m. to 12 p.m. You must call for appointment.
- **Women's Health:** Please schedule appointments for gynecological exams, PAP smears and birth control advice. Contraceptive pills and shots along with emergency contraception and pregnancy tests are available and can be provided for a fee. Prenatal care is not provided.
- **Health Education:** A variety of topics are offered such as safe sex information, weight control advice, healthy lifestyles, and diabetes management.
- **Prescriptions Dispensed:** As part of your visit to the clinic, the doctor can dispense pre-packaged prescription medicines at a discounted price — antibiotics, allergy and cold medicines, ear and eye drops, birth control pills, dermatological creams, and more. Outside prescriptions cannot be filled at the clinic. Students with the Georgia State student insurance may receive medications without a co-payment. Otherwise there is a co-pay for labs and procedures.
- **Immunizations:** All shots and laboratory tests (titers) needed to complete the immunization requirement for registration (Board of Regents policy) are available at the Georgia State University Clinic through the immunization department. Please call 404-314-1940 for information. Vaccinations and tests provided by the immunization department are MMR, Rubella, Meningitis, Hepatitis A and B, Tetanus/Diphtheria, Varicella (chickenpox), and PPD (tuberculosis) skin tests. Allergy shots can be given only after a consultation visit with the clinic doctor, along with a previous diagnosis and prescription of serum from an allergy specialist.
- **Laboratory Tests:** Affordable testing is available at deeply discounted prices. A few examples are urinalysis, urine culture, throat culture, thyroid panel, lipids (cholesterol) panel, gonorrhea-

chlamydia, HIV blood test, and pregnancy tests. You must have an office visit with the doctor or nurse practitioner before a laboratory test can be ordered.

1530 Student Government Association

The Student Government Association serves as the representative body for students at Georgia State University. The university adheres to the philosophy that student representation within the larger university structure is a catalyst for student growth and development. The SGA promotes student self-governance and enables elected students to express the opinions of their fellow students regarding the betterment of the university in general. SGA Senate meets every other Thursday during the fall and spring semesters at 7:15 p.m. on the fourth floor of Student Center West. Services provided by SGA include free blue books and scantron forms (limit 2 per day), local facsimile use (1 per day), free black/white copies (10 per day), and local phone use. Students interested in getting involved with SGA should visit www.sga.gsu.edu for a listing of open positions and information on elections. The SGA office is located in 450 Student Center West and can be reached at 404-413-1600.

1534 Student Center

The Student Center is comprised of two adjacent buildings, Student Center East and Student Center West. Together both facilities serve as a hub for student activity and a place where all students can feel welcome. In addition to being a place to study between classes, grab a bite to eat, or hang out with friends, the Student Center is home to many campus traditions, large scale programs, and student services. Meeting rooms and event spaces provide places for students to experience quality programs aimed at enriching the Georgia State experience.

The Student Center is home to numerous offices and programs that promote student growth and development, enhance academic success and connect students with the university community. Each building houses an ATM, food court, courtesy cell phone charging stations, lounges and seating. Student Center East is home to the Digital Aquarium, Disability Services, the Dean of Students Office, the Office of Student Involvement and the Information Center, staffed to help you navigate the facilities and the place to purchase discount tickets to local area attractions. Student Center West houses Civic Engagement, Leadership Development, Student Government Association, Student Media, University Career Services and Campus Tickets where students can purchase tickets to popular campus programs, advance movie screenings, and special Georgia State programs around Atlanta. Student Center West is connected to the Bookstore Building, which is home to Auxiliary Services (Bookstore, PantherCard and Parking).

For more information and building hours, visit studentcenter.gsu.edu or call the Information Center at 404-413-1850.

1534.10 Student Programs

Spotlight Programs Board (SPB) is a university sponsored student-driven organization that coordinates activities to enhance and enrich the quality of student life at Georgia State University. SPB addresses the needs and interests of its diverse student body by providing social, cultural and educational events on

campus. Most events are free and open to the Georgia State University community and include concerts, movies, speakers, novelty events, exposure to local Atlanta attractions and much more. SPB also oversees Cinefest, a 133-seat theater used to show blockbuster, independent and cult classics films free to students. SPB coordinates the art exhibits in the gallery lounge on the 3rd floor of Student Center East, a place for students to exhibit their work in a gallery setting while learning to curate their own shows.

Spotlight brings a variety of quality educational, enrichment, and entertainment programs to the Georgia State community, including the Distinguished Speakers Series, Panther Prowls, Homecoming festivities, Courtyard Music Series, Campus Movie Fest, Georgia State Nights at local Atlanta attractions and both small- and large-scale concerts, such as Pantherpalooza.

Spotlight prides itself on its large impact and contribution to campus life. Leave your mark by getting involved! Spotlight is always looking for committee members to assist with the planning programs, as well as volunteers to help with events throughout the year. Stay connected with the Spotlight Programs Board by following GSU Spotlight on Twitter, Facebook and Instagram. For information about upcoming programs or how to get involved can be found at spotlight.gsu.edu or by calling 404-413-1610 or visiting 314 Student Center East.

1534.30 Student Media

All students are invited to become involved with the student media organizations on campus. Whether it is music, writing, reporting, editing, producing videos, photography, or just great experience and friendships, these organizations offer something for everyone.

GSTV, the student-run television station streams its content live on its website, www.gstvonline.org. Students interested in TV editing and production are encouraged to volunteer. GSTV is located in 251 Student Center West.

WRAS-Atlanta (Album 88) is the student radio voice of Georgia State. It has won local and national awards for its cutting-edge format. Student programming is featured on WRAS-FM/HD-1 from 7 p.m. – 5 a.m. and 24/7 on WRAS-HD-2 and online at www.wras.org. WRAS-FM is located in 271 Student Center West.

The Signal is the university's student newspaper, which serves as a learning workshop and source of journalistic, marketing and photographic skills. *The Signal* is published every Tuesday during the fall and spring academic terms. Current issues can be found in over 50 locations on campus. Read online at www.georgiastatesignal.com. The Signal is located in 250 Student Center West.

New South and ***Underground*** are the university's literary magazines edited by students and showcasing literary and artistic contributions from across the country. Both organizations also stage on- and off-campus readings from Georgia State students throughout the year. *Underground* focuses on the publication of poetry, literature and photography produced solely by current Georgia State University students. The *New South* office is located in 946 Langdale Hall, and the *Underground* office is located in 456 Student Center West.

1536 University Career Services

The central office for University Career Services (UCS) houses the comprehensive career center for the campus with programs, services, information, and counseling to assist students with career decisions, as well as preparation for and implementation of successful job and graduate /professional school searches. The central UCS office works with undergraduate and graduate students from the first year on campus through the one year anniversary of their graduation. Alumni beyond a year of graduation may enroll in Alumni Career Services, a program also housed within the office (Note: an Alumni Career Services fee is associated with some services). Students from all majors and areas of study, from all class levels, and from all colleges, are served.

Career Development services are available by appointment. Individual and group sessions are offered, always with the goal of helping students and alumni connect their passion and purpose with career opportunities. The career counselors also provide career assessments, which aid students in exploring career possibilities based on values, interests, and personality.

Workshops, information and career counselors are available to help students and alumni with their career exploration and assess their individual talents, skills, and interests, and to set career goals. Programs and materials, employer panels, employer information sessions, and career fairs provide up-to-date information for use in exploring careers and researching employers.

Through the Employer Relations team, University Career Services has programs and services that connect students, alumni, and employers for internship and career opportunities, as well as employment to meet expenses while attending school. Regular workshops, employer events such as mock interviews and résumé critique days, and online information help students prepare résumés, and develop interviewing and other job search skills.

The Cooperative Education and Internships program helps students prepare for in-depth co-op and internship learning experiences, which build skills and strengthen students' competitiveness for future opportunities. The program also works with colleges and employers in supporting their co-op and internship initiatives. The Co-op Program is the formal hub for the Georgia State University Cooperative Education initiative.

The Graduate and Professional School Planning program assists students exploring advanced degree opportunities, either here at Georgia State University or at another campus within the United States or abroad. This program has materials to assist students in researching programs as well as support in making application. This program also sponsors the fall Graduate and Professional School Fair, which brings graduate school recruiters from across the country to meet interested Georgia State University students.

The Career Resource Center (CRC) is the central point of contact for students and contains workstations with access to online career guidance, job postings, graduate/professional school information, and employer research databases. The CRC also houses career-oriented books and multimedia materials for researching career and advanced degree opportunities.

Résumania is the walk-in résumé and c.v. review service, available Monday through Friday, 9 a.m. to 3 p.m. No appointment is needed. Résumania takes place in the CRC, Room 270 Student Center West.

All Georgia State University students have an account on Panther Career Net, a web-based career management system utilized by students, employers and the career services staff. Panther Career Net is free to all enrolled students. Activation of the account (completing a profile and uploading a résumé if seeking employment) provides 24/7 on and off-campus access to many of the Career Resource Center's online resources, as well as easy application to jobs, and information about career events and employers. Activation requires use of one's campus ID and password and can be done remotely.

University Career Services at Georgia State University is a consortium of student-focused departments and programs within the Division of Student Affairs, offering to all Georgia State University students, graduate and undergraduate, a wide range of highly supportive personal and professional development opportunities and services. University Career Services is comprised of the Office of Civic Engagement, Leadership Development, Employer Relations, Cooperative Education and Internships, Graduate and Professional School Planning, Career Development, and the Georgia Career Information Center.

For more information on career counseling, career assessment, career exploration, graduate and professional school planning, internship and career opportunities, and job search support, visit the central office of University Career Services in 270 Student Center West or call 404-413-1820 or visit the website at career.gsu.edu.

1538 University Committees

1538.10 University Senate Committee on Student Life and Development

The University Senate Committee on Student Life and Development is a joint student, faculty and staff committee that advises and make recommendations to the Vice President for Student Affairs concerning matters relating to student organizations and the following student programs and services: student activities, student conduct, recreation, housing, student media, orientation and leadership, student facilities, volunteerism, disability services, multicultural center, health services, career services and honors and awards.

1538.20 Student Activity Fee Committee

The Student Activity Fee Committee, including nine fee councils, is comprised of students, faculty, and staff members. The committee is responsible for reviewing requests for funds generated by the Student Activity Fee and making recommendations for the allocation of those funds to the Dean of Students.

1538.30 Committee on Student Communications

The Committee on Student Communications is an advisory committee to the Vice President for Student Affairs and has decision-making responsibility in relation to the business of and annual budget allocations for all student-operated media. Its primary functions are to interview candidates to fill the editorial and managerial positions for each of the student-operated media, to make recommendations for general policy to the Vice President for Student Affairs, and to resolve disputes between members. More information is

available at studentmedia.gsu.edu/csc/.

1538.40 Student Technology Fee Subcommittee

The Student Technology Fee (STF) Subcommittee of the Senate Committee on Information Systems and Technology (IS&T) meets annually to review proposals for expenditures of monies from the Student Technology Fee and makes recommendations for allocations to the Fiscal Advisory Committee to the President. For additional information, consult the following websites: solutions.technology.gsu.edu/ and senate.gsu.edu/committees/fiscal-advisory-committee-to-the-president.

1540 University Housing

Housing accommodations are available in the Georgia State University Commons, University Lofts, Patton Hall, Piedmont North and Greek Housing. These residence halls offer a variety of life-style living options.

The University Commons houses approximately 2,000 Georgia State students. It offers convenient, apartment-style housing in a quadrangle of four residence halls. The two and four bedroom apartments include a full-sized kitchen, a fully furnished living/dining room, and a bathroom for every two residents, and private bedrooms. Private bedrooms have basic cable television and internet connections. The kitchen features a refrigerator, dishwasher, and oven. Each floor's design includes a study/community lounge space and each building has a fully equipped laundry facility and community offices and mail room on the first floor. The University Commons is home to all of the Living-Learning Communities, specifically in Hall A and Learning Center in Hall D. This complex includes covered parking spaces, the 911 center for the University, a police substation, a convenience store, Georgia State University Student Health Clinic and a MILE computer lab for University classes.

The University Lofts residence hall houses approximately 550 residents and is primarily an upper-class, undergraduate apartment-style residence hall. The Lofts are fully furnished loft-style apartments that blend urban style with modern-day conveniences. There are studios and one, two and four bedroom apartments. The apartments include living areas, private and shared bedrooms, a full-bath for every three residents and a full kitchen with a refrigerator, dishwasher, stove and oven. The Lofts community spaces include an activity lounge, multipurpose room, laundry room, and the Lofts Learning Center and classroom. Lofts resident parking is managed by Auxiliary and Support Services (parking.gsu.edu) and is available at an additional monthly cost.

Patton Hall offers one and two-person rooms that are adjoined by a full bathroom. Students are provided with a furnished room, including a bed, desk, chair and closet. This residence hall offers a comprehensive first-year experience student program and a state of the art, all-you-can-eat dining facility. A meal plan is required for students who reside in Patton Hall.

Piedmont North is a traditional, suite-style residence hall. Students share a bedroom and a bathroom. Similar to Patton Hall, a state of the art, all-you-can-eat dining facility is also located in the hall and a meal plan is required for all students in Piedmont North. Students may use their meal plan at either location. Student rooms in Piedmont North are also furnished, including a bed, desk, chair and closet. Piedmont North also offers a comprehensive first-year experience student program like Patton Hall. This area

includes several community spaces, a courtyard and a learning center.

The Greek Housing community consists of four fraternities and five sororities housed in three-story townhomes, which range in size from 9 to 19 beds per unit. Each townhome features a spacious living room and kitchen, and all bedrooms are furnished with standard residential furniture. There is a large community center within the complex with mail service and laundry facilities available next door at Patton Hall.

University Housing residence halls are in highly desirable downtown locations that are within minutes of academic buildings, the Student Recreation Center, the Student University Center and most major attractions in Atlanta. Sign up to live on campus and begin enjoying all the advantages University Housing has to offer. All University Housing residence halls meet all requirements of the Americans with Disabilities Act.

Housing costs for all facilities include rent, furniture, all utilities, wireless internet in specific building areas, basic cable television, and internet connections. To maintain safety and security, all residence halls have card key access, camera systems, security staff, and operate a guest check-in process. For more information, contact University Housing in person at 75 Piedmont Ave NE, Suite 110 (Citizens Trust Building), by phone at 404-413-1800, by e-mail at housing@gsu.edu, or by visiting the University Housing website at myhousing.gsu.edu.

1542 Off-Campus Housing

The Office of the Dean of Students has partnered with an off-campus housing website to provide students with a tool to find a place to live off-campus and/or search for a roommate. For more information, visit the Office of the Dean of Students website at deanofstudents.gsu.edu.

Because this office does not approve, inspect, or assume responsibility for those facilities listed on the off-campus housing website, it is strongly recommended that a visit be made to the apartment or home prior to making lease or rental arrangements. If possible, schedule more than one interview with a prospective house share/roommate and always request references. For more information, visit the Office of the Dean of Students located in Student Center East, Suite 303, or call 404-413-1515.

1600 Teacher Preparation

The university offers a wide range of educator preparation programs for students who wish to become public school teachers. Some of these programs are administered within the College of Arts and Sciences and some are administered within the College of Education and Human Development. All undergraduate educator preparation programs are overseen by the Professional Education Faculty, which has membership from both colleges and is advised by Atlanta-area schools.

The Professional Education Faculty is accredited at Georgia State University is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org. This accreditation covers all initial teacher preparation programs and advanced educator preparation programs at Georgia State University. However, the accreditation does not include individual education courses that the institution offers to P-12 educators for professional development, relicensure, or other purposes.

The following **undergraduate** programs are offered by the College of Education and Human Development or College of Arts and Sciences:

Teaching Field	College of Enrollment
Art: preschool through 12th grade	Arts and Sciences
Birth Through Five: Infants through Kindergarten	Education and Human Development
Early Childhood Education: preschool through 5th grade	Education and Human Development
French: preschool through 12th grade	Arts and Sciences
German: preschool through 12th grade	Arts and Sciences
Health and Physical Education: preschool through 12th grade	Education and Human Development
Health Science Technology Education: 7th through 12th grade; nondegree	Education and Human Development
Latin (Classical Studies): preschool through 12th grade	Arts and Sciences
Middle Level Education: 4th through 8th grade	Education and Human Development
Music Education: preschool through 12th grade	Arts and Sciences
Physics: 6th through 12th grade	Arts and Sciences
Spanish: preschool through 12th grade	Arts and Sciences
Trade and Industrial Education: 7th through 12th grade; nondegree	Education and Human Development

The College of Education and Human Development offers initial certification **graduate** programs in behavior/learning disabilities, communications sciences and disorders (speech-language pathology), early childhood education, educational leadership, English education, mathematics education, middle level education, multiple and severe disabilities, reading specialist, school counseling, school psychology, science education, social studies education, special education, and English to speakers of other Languages.

Educator preparation programs at Georgia State University are field-based; that is, much of the coursework requires structured participation in school settings. Therefore, students must be available for coursework that will be scheduled during elementary, middle, and secondary school hours, typically 8 a.m. to 3:30 p.m.

Students will find it necessary to be free of other obligations during the term of student teaching and will find it highly desirable to have few other commitments during the term in which blocks of coursework must be taken. Blocks are comprised of 6 or 12 hours of coursework, which are taken in the same academic term (i.e., fall semester only) and are field-based. Exit requirements for teacher education are satisfied by successful completion of student teaching. Additional requirements exist for specific programs.

Preparation for Prospective Teachers at the Middle Level (4-8) or Secondary Level (6-12) or of ESOL Students (P-12)

Students interested in applying to a Master of Arts in Teaching program in the Department of Middle and Secondary Education or who wish to explore the possibility of teaching in a content area (gr. 4-8 or 6-12) or in English as a Second Language classrooms (ESOL, preschool -12) are encouraged to take pre-education courses such as the following as part of their undergraduate preparation: EDCI 3250 Introduction to Teaching in the Secondary School; EDLA 3200 Topics in Middle Grades Language Arts; EDLA 3230 Special Topics in the Middle Level Literature Curriculum; EDLA 3240 Special Topics in the Middle Level Composition Curriculum; EDMT 3350 Topics in Middle Grades Math; EDMT 3420 Special Topics in the Middle Level Mathematics Curriculum; EDSC 3250 Topics in Middle Grades Science; EDSS 3400 Topics in Middle Grades Social Science and History; EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities; or LT 3210 Teaching, Learning, and Technology Integration.

General information for preparing to teach in these areas can be found below. For more information on specific program admission requirements for the various M.A.T. programs in the Department of Middle and Secondary Education, see those program descriptions in the Georgia State University Graduate Catalog.

English to Speakers of Other Languages (ESOL) Education (P-12)

Prospective teachers of ESOL students in Georgia may choose any major but should complete at least two sequential semesters of a foreign language. Courses in applied linguistics and English grammar are also encouraged. Upon completion of an undergraduate degree, students should apply for the M.A.T. in English to Speakers of Other Languages (ESOL) Education which leads to certification as an ESOL teacher (P-12) and a reading endorsement.

Middle Level Education (4-8)

Prospective teachers of middle level education (MLE) level should focus on two content areas, either Language Arts/Social Studies or Math/Science, as part of their undergraduate preparation.

- For MLE language arts and social studies, students should major in either English or history and take at least 12 hours of upper division coursework in the second area. Within their undergraduate program, students should address the following areas: children's literature, grammar, composition, literature or folklore, geography, world history, Georgia history, and US history.
- For MLE mathematics and science, students should take at least 12 hours of mathematics and 12 hours of science as part of the undergraduate preparation. Within the undergraduate program, students should address the following areas: life science, earth science, physical science, geometry, algebra, number theory, and probability/statistics.
- Upon completion of an undergraduate degree, students should apply for the M.A.T in Middle Level

Education which leads to certification in grades 4-8 in two areas of concentration (either Language Arts/Social Studies or Math/Science.)
- Students who do not follow the suggested preparation for Middle Level Education may be able to enroll in the M.A.T program, but additional coursework will be necessary prior to completion of the program and recommendation for certification.

Secondary Education (6-12)

Students interested in teaching English, Mathematics, Science, or Social Studies (history, political science, or economics) at the middle and secondary level should major in Arts and Sciences in the concentration in which they would like to teach. Certification in physics is available within the BS in Physics program. For all other fields students should apply to the appropriate Master of Arts in Teaching (M.A.T.) program in the College of Education and Human Development upon completion of an undergraduate degree.

1605 Entry into Teacher Education

Admission to Georgia State University and to the College of Arts and Sciences or the College of Education and Human Development (as indicated above) is prerequisite to entry into teacher education. The minimum criteria for entry into teacher education are listed below.

- Students must have successfully completed Area A (Essential Skills) of the undergraduate core curriculum with a grade of "C" or higher for each course.
- Students must demonstrate competence in oral communication. Screening takes place in all education courses. At any time during their courses of study, students may be referred to the Georgia State Speech–Language–Hearing Clinic. There, screening assesses the basic communication skills adults are expected to exhibit during communication in professional settings: hearing, articulation, fluency, appropriate grammar, comprehension of spoken language, and the ability to use appropriate voice quality. Completion of referral, evaluation, and the remedial process is necessary for continuation in the program.
- Students must have demonstrated competence in mathematics and science by successfully completing Area D (Science, Mathematics, and Technology) of the undergraduate core curriculum.
- Students must have a minimum grade point average of 2.50 based on all undergraduate coursework attempted. For students pursuing degrees in some majors, the minimum grade point average requirement is 2.75. Students are encouraged to contact their academic advisors for information regarding the grade point average requirement for their specific majors.
- Students must complete a separate application and pay an application fee. Students must also show proof of Tort liability insurance and criminal background check. See section 4000 College of Education and Human Development in this catalog or visit the College of Education and Human Development Office of Academic Assistance web site, http://education.gsu.edu/admissions/undergraduate-admissions/, for more information.
- Students must have successfully completed EDUC 2110 Investigating Critical & Contemporary Issues in Education with a grade of "C" or higher.
- Students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program.
- Students must complete the Georgia Educator Ethics Assessment – Program Entry (350).

Contact the Counseling Center (404-413-1740) or the College of Arts and Sciences Office of Academic Assistance or College of Education and Human Development Office of Academic Assistance and Graduate Admissions for an examination schedule and application form. Students interested in teacher education are encouraged to take the GACE Program Admission Assessment as soon as they complete Area A of the undergraduate core curriculum.

Additional criteria, including departmental requirements, may be added. Students are assigned an advisor to plan an appropriate course of study within the guidelines provided by this catalog. Entry into teacher education is a prerequisite for courses designated "(TE)" in the course description section.

1610 Educational Field Experiences and Student Teaching

Classroom Observations

Prior to acceptance into a teacher education program, students enrolled in courses which require observation experiences in a school setting will complete the online application for observation placements.

Prior to completing the online application, students must complete a criminal background check through the university-approved vendor. Instructions for the background check are provided at http://education.gsu.edu/student-services/office-of-field-placements/criminal-background-checks/.

Students can access the online application at http://education.gsu.edu/student-services/office-of-field-placements/classroom-observations/.

If the course requires the student to complete an observation in a community setting as designated by the course instructors, students do not need to submit an observation application to the Office of Field Placements and may manage their own placement request.

Policy Regarding Tort Liability

Teacher education and counseling students are required to purchase tort liability prior to placements in field experience courses, practica, or student teaching. Students will be expected to show proof of coverage to program coordinators/supervisors prior to field placements.

Educational Field Experiences and Student Teaching

Educational field experiences and student teaching are clinical in nature. They are designed to complement the humanistic, behavioral, and pedagogical studies in teacher education and to offer experiences in a variety of settings.

At the baccalaureate level, a sequence of clinical and field experiences is planned to complement the professional education courses included in the students programs of study.

The Opening School Experience provides practical experience in the school and classroom setting during the week of preplanning and the first week of school. Students learn effective procedures necessary for setting up a classroom at the beginning of the year. This takes place at the beginning of the students' senior

year prior to the student teaching experience. Students in early childhood education and health and physical education must apply for this experience in advance and must register for the course during early registration of the fall term of the year in which the experience takes place. Students should check with their departments for the deadlines to apply for their Open School Experience.

Student teaching is the culmination of the clinical field experiences. Student teaching involves full participation by the students for at least one full academic term. Because student teaching constitutes a full load of academic credit, it is recommended that the students attempt neither regular employment nor other courses during the term of student teaching.

To be eligible for enrollment in student teaching, students must be admitted to teacher education and have:

- successfully completed the specific required courses of the program;
- earned an overall grade-point average no less than 2.50 (2.75 for early childhood education majors) the term prior to the student teaching experience;
- earned a minimum grade-point average of 2.50 (2.75 for early childhood education majors) in the major teaching area courses and in professional education courses. (Students who earn a grade of "C-," "D," or "F" in a major teaching field or professional education course must repeat that course and earn a grade of "C" or higher. The grade of "C," "D," or "F" will still be included in the overall grade-point average.) Early Childhood Education and Middle Level Education majors must earn a grade of "B" or higher in majors courses specified in the program of study.
- must complete the requirements to obtain a **Pre-Service Certificate** through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module.
- will not be able to begin their field placement(s) until they receive their Pre-Service certificate number from the GaPSC and provide proof to the Office of Field Placements.

The Professional Education Faculty believes that all students who are in field experiences must be personally and psychologically equipped as well as academically prepared. Students may be denied entry to field experiences based on departmental prerequisites or the professional judgment of faculty based on observed performance and behavior. This policy is based on the premise that educators should be part of the evaluation of the students' ability to function adequately and safely in classrooms and that educators have a right and responsibility to make such judgments prior to placing students in schools.

The practicum or student teaching supervisor has the authority to withdraw students from their classroom experience if their performance constitutes a detriment to the children in the class. If such removal is necessary, students will be given an F in each corresponding course.

Applications and deadlines for student teaching are posted
at http://education.gsu.edu/student-services/office-of-field-placements/.

Failure to submit applications on or before prescribed deadline dates will result in a delay of one or more terms in student teaching or practicum placement. Further information regarding educational field experiences, practicum, and student teaching experiences for each major is available from the appropriate department in the College of Arts and Science or the College of Education and Human Development.

An additional lab fee of $125 will be charged at the time students register for the student teaching

experience. Educator preparation students must be aware that extra costs such as tort liability and transportation will be incurred at various times during the completion of the various teacher education field experiences, particularly during the students' senior year.

Final Student Teaching Seminar

At the completion of the student teaching semester, all students who are eligible for certification must attend a final seminar to complete all requirements. Information concerning this seminar will be sent to the students.

Continuing Duty to Report Criminal Events

In addition to the continuing duty Georgia State University students have to report criminal events that occur after application to the University per the Georgia State Student Code of Conduct, students enrolled in educator preparation programs or in education coursework requiring field-based experiences must (1) report to the Office of Field Placement any criminal events described below that occur after the criminal background check required for field placements was conducted (notice to Office of Field Placement must be made within 72 hours of the student's notice of the event); (2) consent to a new criminal background check; and (3) provide written consent for the release of the criminal background report and all information about the criminal event to any field placement site at which the student is currently student teaching or at which Georgia State attempts to place the student in the future. Failure to comply with the notice requirement described herein may result in sanctions up to and including immediate withdrawal from the University. Failure to comply with the criminal background check and release of information requirement described herein will result in immediate removal from all current field placements and courses and denial of future requests for field placement.

1. Conviction of a crime other than a minor traffic violation.
2. Criminal charges filed against the student.
3. Entering a plea of guilty, a plea of no contest, a plea of nolo contendere, an Alford plea, or a plea under any first offender act in response to charges filed against the student.

Criteria on Academic and Professional Integrity

The College of Education and Human Development is committed to upholding standards of academic and professional integrity. These standards require that students enrolled in undergraduate and graduate programs within the College of Education and Human Development adhere to both the University's Student Code of Conduct as described online at http://codeofconduct.gsu.edu/as well as their individual degree program's Policy on Student Professionalism, Integrity and Retention. Students should contact their department for a copy of their degree program's policy.

1615 Teacher Certification

Teachers and other educational personnel must be certified by the Georgia Professional Standards Commission to be employed in the state's elementary, middle, and secondary public schools. Private elementary and secondary schools may also require state certification for employment.

Completion of Teacher Education Requirements: A requirement for initial certification in Georgia is completion of teacher education requirements. This may be accomplished in one of the following ways at Georgia State University. (Options vary by program.) In all cases, "Entry into Teacher Education" criteria apply.

- Students may complete an approved educator preparation degree program as described in the College of Arts and Sciences or the College of Education and Human Development chapter of this catalog.
- Students may complete or present a non-educator preparation bachelor's degree and all additional components of an approved educator preparation degree program.

Initial certification programs in Behavior/Learning Disabilities, Communication Sciences and Disorders, Educational Leadership, English Education, Health and Physical Education, Mathematics Education, Multiple and Severe Disabilities, Reading, School Counseling, School Psychology, Science Education, and Social Studies Education are available only at the graduate level. The College of Education and Human Development offers seven Master of Arts in Teaching (M.A.T.) programs which prepare students for initial certification in the following fields: Early Childhood Education, English Education, Mathematics Education, Middle Level Education, Reading, Language and Literacy Education (ESOL), Science Education, and Social Studies Education. See the current *Georgia State University Graduate Catalog* for more information on the university's master's level programs.

1620 University Recommendation

Students who complete a Georgia State University educator preparation program and who present passing scores on the appropriate GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA may be eligible for the Georgia State recommendation for teacher certification. The College of Education and Human Development's Office of Academic Assistance and Graduate Admissions can issue the recommendation to the prospective teacher shortly after Commencement following the term of completion of requirements. Instructions for applying for certification can be found here: http://education.gsu.edu/student-services/office-of-academic-assistance/applying-for-certification/certification-requirements/.

1625 Application for Teacher Certification

Prospective teachers must apply for teacher certification. It is the students' responsibility to complete the certification application submission process with the College of Education and Human Development. The Office of Academic Assistance and Graduate Admissions will work with the student to issue the recommendation to the Georgia PSC shortly after Commencement following the term of completion of requirements. Instructions for applying for certification can be found here: http://education.gsu.edu/student-services/office-of-academic-assistance/applying-for-certification/certification-requirements/.

1630 Georgia Assessments for the Certification of Educators (GACE)

This information is for candidates seeking admission to or enrolled in a teacher preparation program. The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments:

Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment:

Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Georgia Educator Ethics – Program Exit (360) Assessment is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (**r**equired for certification).

How to Register:

Educational Testing Service (ETS) is the test supplier for the GACE and for the Georgia Educator Ethics Assessment.

Important Step: you must first establish a MyPSC account at the MyPSC website. As you create your account, you will indicate a different "Reason for Testing" specific to the test and your student status:

-Program Admission — select ***Reason for Testing #1*** . Program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.
-Georgia Educator Ethics – Program Entry (or Program Exit) — select ***Reason for Testing #7*** (Be sure to review the 4-step registration process on the link provided here: Register for the Georgia Educator Ethics Assessment). Program entry candidates must add your program provider (Georgia State University school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment. **NOTE:** Step #3 of registration — check your email SPAM folder for the email from ETS. Step #4 of registration is tricky — you are now in the ETS portal (not MyPSC) and you must create a new account under "Registration"…choose the option: Test Takers.

- Content Assessments – Undergraduate students (or graduate students in Educational Leadership, School Psychology, or Counseling): select ***Reason for Testing #2***
- Content Assessments – Graduate students (except in Educational Leadership, School Psychology, or Counseling): select ***Reason for Testing #3*** (students in Educational Leadership, School Psychology, or Counseling select ***Reason for Testing #2)***

1631 edTPA

Teacher preparation candidates will be required to pass an externally scored portfolio assessment (edTPA) to be eligible for certification. This portfolio assessment requires candidates to submit evidence of ability to teach in a subject-specific classroom. Candidates must develop and teach a unit of instruction and then submit materials based on three to five lessons from this unit. The portfolio includes video clips of student-teacher interactions, lesson plans, learner work samples, and candidates' reflective analysis.

In the event a candidate has passed their student teaching/practica course included in their teacher preparation program but fails to pass edTPA, candidates may be eligible to graduate but not be eligible for certification. Students in this situation may enroll in EDUC 4750 Clinical Experience for one credit hour to participate in a practicum experience to create and implement a unit of instruction and complete a new edTPA portfolio.

1635 Teacher Education Core

The teacher education core is common to all educator preparation programs in the College of Arts and Sciences and the College of Education and Human Development. The core is comprised of the following three courses:

EDUC 2110	Investigating Critical and Contemporary Issues in Education
EDUC 2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
EDUC 2130	Exploring Learning and Teaching

1640 Professional Education Faculty (PEF)

The Professional Education Faculty's primary duty is to promote and facilitate constructive interaction of the members of the Professional Education Faculty, especially along interdisciplinary lines, in the interest of maintaining excellence in professional education programs at Georgia State University.

The Dean of the College of Education and Human Development is the presiding officer of the Professional Education Faculty. The faculty meets at least twice each year, once during Fall Term and once during Spring Term. Quotidian governance of the Professional Education Faculty is conducted by the Professional Education Council, which consists of faculty members elected from the various teacher education areas,

faculty members appointed by the Dean of the College of Education and Human Development, students appointed by their departments, and school personnel representing Metro-Atlanta school systems. The chair of the Professional Education Council is elected annually, and the position alternates between members of the College of Arts and Sciences and members of the College of Education and Human Development.

Additional information about the Professional Education Faculty and its activities is available online at http://education.gsu.edu/faculty-staff-resources/coe-professional-education-faculty/.

Conceptual Framework

The Professional Education Faculty's conceptual framework illustrates its philosophies and purposes in regard to effective teacher preparation. The framework builds on the College of Education and Human Development mission statement and includes the Professional Education Faculty's purpose, assumptions guiding our programs, and candidate outcomes. The conceptual framework is described fully at http://education.gsu.edu/faculty-staff-resources/coe-professional-education-faculty/.

1650 Teacher Education Warranty

Georgia State University teacher education programs provide a limited warranty and guarantee the following:

- The Professional Education Faculty of Georgia State guarantees the quality of any educator that they recommend for initial certification in Georgia.
- Georgia State guarantees educators during the first two years immediately following graduation from Georgia State or following recommendation by Georgia State for an initial certificate, whichever occurs first.
- Any Georgia State educator in a Georgia school who fails to demonstrate essential skills can receive additional training at no expense to the educator or the employer.

1700 Honors College

Suite 200, Centennial Hall
100 Auburn Avenue

404-413-5577
honors.gsu.edu

Larry Berman, Founding Dean
Sarah L. Cook, Associate Dean

Purpose

The Honors College, established in 2011 evolved from the College of Arts & Sciences Honors Program which began in 1975. A major goal of the College is to enhance the quality of undergraduate education and create transformational learning experiences.

The Honors College provides the advantages of a small, highly selective college with breadth of programs and opportunities of a large research university. The College is open to incoming freshmen, transfer students, and currently enrolled students who meet eligibility requirements. Honors students take small, seminar-based classes and develop mentored relationships with outstanding faculty members. Honors sections of a number of regular courses, many of which meet core curriculum requirements (Areas A – E), are offered throughout the academic year. In addition, students in the Honors College can enroll in upper division courses, special interdisciplinary courses, design a colloquium on a topic of their choice, and research and write an honors thesis. Students in the college may earn honors recognitions that are noted on their diplomas and transcripts, and pursue additional opportunities such as internships and study abroad experiences to enrich the quality of their education. Honors students may also take advantage of dedicated facilities, priority registration, merit scholarships, graduate and professional school advising, national fellowship and scholarship advising, special travel and study abroad opportunities, and specialized housing in the Honors Living Learning Community in the University Commons.

Admission

Admission to the Honors College is competitive and limited to approximately 200 incoming students each year. Entering freshmen should have an outstanding high school grade-point average combined with excellent SAT or ACT scores and a record of extra-curricular activities. High school students who are jointly enrolled will also be considered.

Currently enrolled and transfer students must have a cumulative grade-point average of at least 3.5 based on a minimum of 12 credit hours completed at the university. Students under 60 credit hours are strongly encouraged to apply. An interview with the dean or associate dean may be required if the student is over 60 credit hours. The application cycle is as follows:

Applications for spring semester will open in mid-December with the release of fall semester grades, and will close on February. Applications for fall semester will open in mid-May with the release of spring semester grades, and will close on July.

Applications to the Honors College by students from other institutions will also be evaluated during these application periods.

Students who do not meet these academic requirements in full but wish to pursue honors work should contact the Honors College staff.

Academic Advisement

Academic Advisors

April Lawhorn

Jacob English

Jessalyn Banke Murphy

The Honors College provides the following services each semester to active Honors students:

- Academic advisement and honors course selection
- Review of AP credit and IB credit and how the credit applies to academic program
- Review of all honors credit and requirements for Honors recognition at graduation

Honors students are advised on an appointment basis. To schedule an appointment with an honors academic advisor, call 404-413-5577. Students are urged to arrange for advisement in their departments and in the Honors College regularly and well in advance of registration to take full advantage of honors offerings. Students should also meet with their academic advisor in their college's Office of Academic Assistance.

National Scholarship/Fellowship Advisement

Jennifer Gerz-Escandón, Coordinator

The Honors College encourages students to pursue national fellowships and scholarships such as the Rhodes, Truman, and Goldwater awards, by working early in their studies with the College's coordinator. Students seeking to distinguish themselves work with the coordinator to determine appropriate scholarship opportunities, identify resources and engage in experiences designed to make them nationally competitive and prepare them for a lifetime of achievement. The Honors College offers a variety of programs to help student compete for these national awards.

Internships and Study Abroad

The Honors College offers internships through the Capital Experience in Washington, DC, and the London Experience in London, England. The Capital Experience includes opportunities with government agencies, the White House, political parties, political action groups, members of the Georgia Congressional delegation, museums, the arts, think tanks, historical archives, research and policy organizations, science and environmental groups, medical centers, and the media. In London, opportunities are available for

internships in government, public relations, fashion, risk/reward management, government relations and pubic affairs, film and video, business administration, and private wealth management. These internship opportunities are open to students from all majors.

One-Semester Registration

Any student in the university with a 3.0 or higher GPA may take one honors course without being admitted to the college. Authorization for all honors courses must be obtained prior to registration from the Honors College office.

Scholastic Standard

Continuation in the Honors College requires students to maintain at least a 3.3 cumulative grade-point average. A student whose average falls below 3.3 will be given two academic terms in which to attain a 3.3 average again, at which point the student may continue to take honors courses.

Active-Inactive Status

Although there is no minimum number of courses required to remain enrolled in the Honors College, students who are in good academic standing in the program (see above) and who have taken at least one honors course in the past three academic terms (including summer session) will be considered active in the program. Students newly admitted to the college will be counted as active during their first four academic terms. All others will be considered inactive.

Honors Recognitions and Requirements

Students may choose to work toward any or all of three formal recognitions. These are recorded on transcripts and on diplomas, and acknowledged at graduation. Honors recognitions require 3.3 grade-point averages overall and in honors course work. No courses with grades of D or F may be applied toward the satisfaction of the requirements for honors recognitions. All incoming freshmen honors students are required to enroll in Honors 1000, a one-hour seminar that introduces students to research-based academic work in the disciplines.

- **Honors:** Granted to students who complete at least 12 credit hours of course work in lower-division honors classes at Georgia State University (in addition to Honors 1000). The 12 hours of lower-division course work (1000 and 2000 level courses) must be in classes selected from at least three major areas of study with no more than two classes in any one area. Many of these courses can fulfill core requirements (Areas A – E).
- **Advanced Honors:** In addition to fulfilling the requirements for Honors, Advanced Honors are granted to students who complete at least 12 semester hours of honors course work at the upper division level (3000 ad 4000 level courses), plus two upper-level honors interdisciplinary seminars, for a total of 18 hours of upper-level courses. Three semester hours of thesis research work (4870), nine hours of honors dimensions, and nine semester hours of graduate courses may be applied toward this recognition.
- **Research Honors:** Granted to students who complete the requirements for Advanced Honors **and** an honors thesis, including at least six semester hours and not more than nine semester

hours of honors research and thesis course work.

Student Organization

The Honors Student Organization (HSO) was founded to foster the intellectual and leadership qualities of students within the Honors community. Our mission is to promote academic excellence, foster a sense of community within the Honors College, and cultivate social responsibility and a sense of service toward the surrounding community. Georgia State University's Honors Student Organization (HSO) offers community service opportunities, leadership positions, and social events. Students in HSO will connect with other scholars who also strive for academic and personal excellence.

Scholarships

Incoming Honors-eligible freshmen are automatically awarded scholarships based on HS GPA and SAT/ACT scores. For more information, visit honors.gsu.edu/scholarships. Additionally, incoming freshmen may apply for major scholarships including the premier Presidential scholarship, the Goizueta Foundation Scholars Award, the Berner scholarship, the Atlanta Hawks Scholarship, and the Coca-Cola First Generation Scholarship. Honors students who are rising juniors are eligible for the Dugald Hudson Memorial Scholarship and the Kirkland-Sattelmeyer awards. Additional details and online applications are available at http://sfs.gsu.edu/scholarships-grants/.

2000 Andrew Young School of Policy Studies

Undergraduate programs in the Andrew Young School of Policy Studies are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

2010 Office of the Dean

14 Marietta St. N.W., Suite 635
404/413-0000
aysps.gsu.edu
Mary Beth Walker, Dean
Nancy Kropf, Associate Dean
Cynthia Searcy, Assistant Dean

2010.10 Purpose

Changing the World: One Student at a Time, One Idea at a Time.

The Andrew Young School of Policy Studies strengthens communities across the globe through policy research, scholarship, public engagement, and the development of leaders.

The school is committed to quality education, offering a variety of academic undergraduate and graduate degree programs as well as nondegree training programs. It engages in basic and applied research and outreach addressed to the ongoing management of policies and programs, as well as effective delivery of human welfare services. The school houses several prestigious research centers focusing on the practical needs of governmental, nonprofit, and private-sector organizations in Atlanta, the state of Georgia, and the broader national and global communities. Degree programs in criminal justice and criminology, economics, policy studies, public administration, and social work integrate individual academic career preparation with addressing those needs.

For current information, visit the Andrew Young School of Policy Studies website: aysps.gsu.edu.

2010.20 Accreditation

The Master of Public Administration degree is accredited by The National Association of Schools of Public Affairs and Administration. The School of Social Work is accredited by the Council on Social Work Education.

2010.25 Academic Advisement

14 Marietta St. N. W., Suite G-52
404/413-0021
aysps.gsu.edu/student-resources/oaa/
Shelly-Ann Williams, Director
Mathieu Arp, Assistant Director
Danielle Churchill, Academic Advisor
Jacqueline Pearce, Academic Advisor
Michelle Lacoss, Administrative Specialist-Curriculum

The Office of Academic Assistance (OAA) supports the school's commitment to quality education in the field of policy studies by promoting the school to prospective undergraduate and graduate applicants, by

facilitating the application process, and by admitting well-qualified students to the graduate programs. The OAA serves as the administrative and regulatory office for student programs within the Dean's Office in the Andrew Young School of Policy Studies.

Academic advisement is required of all students in the Andrew Young School of Policy Studies. The school has developed a system of advisement that integrates the Office of Academic Assistance and faculty advisors within the school. Through the advisement process, students will be able to know the requirements and policies of the university, college, and department as they relate to their educational experiences and goals. Students will be able to identify and utilize university resources effectively to: satisfy degree requirements; plan programs of study, including selection of appropriate courses and registration; discover how interests, skills and goals connect to fields of study and careers; and be able to formulate appropriate questions, seek information, and evaluate and apply academic advice. The office is open from 8:30 a.m. to 5:15 p.m. Monday through Friday. Walk-in advisement without an appointment is scheduled on Mondays and Thursdays from 2:30 p.m. to 4:00 p.m., and Tuesdays and Wednesdays from 9:30 a.m. to 11:00 a.m.

2010.30 Degrees Offered

Undergraduate and graduate degree programs are offered through the Department of Economics, Department of Criminal Justice and Criminology, Department of Public Management and Policy, and the School of Social Work. Graduate degree programs are listed at the end of this section. The Andrew Young School of Policy Studies offers the following undergraduate programs of study:

Bachelor of Arts

- Major in Economics
- Major in International Economics and Modern Languages
    - Concentrations in: Chinese Studies, French, German, Italian, and Spanish

  Note: The J. Mack Robinson College of Business offers the B.B.A. degree with a major in Business Economics. (See the "J. Mack Robinson College of Business" chapter of this catalog for program curriculum.)

Bachelor of Science

- Major in Criminal Justice
    - Legal Track
- Major in Economics
- Major in Public Policy
    - Concentrations in: Nonprofit Leadership, Planning and Economic Development, and Public Management and Governance

Bachelor of Social Work

2010.35 Study Abroad Opportunities

The Andrew Young School of Policy Studies is committed to providing students the opportunity to study

abroad through Maymester/Summer or exchange programs. Currently the school sponsors four Maymester/Summer and four exchange programs:

Maymester/Summer programs:

1. Europe (France, Germany, The Netherlands & Czech Republic): a three-week Maymester program open to all students interested in critical appraisals of different policies, administrative structures and political processes in Europe and the United States. Co-Program directors – Dr. Greg Streib (gstreib@gsu.edu) or Dr. Cynthia Searcy (csearcy@gsu.edu).
2. South Africa: a three-week Maymester program that provides a broad understanding of the workings of the South African economy, its infrastructure, its environment and its governance, as well as the accompanying social issues. Program director – Dr. Elizabeth Beck (ebeck@gsu.edu) or Dr. Glenwood Ross (gross@gsu.edu).
3. Trinidad and Tobago: a Maymester program that explores crime and justice from an international, comparative perspective and examines public policy issues related to crime and violence in developing nations. Program director – Cyntoria Johnson (cjohnson5@gsu.edu).
4. Ghana: A three-week Maymester program that allows students to delve into the topic of international development and its effects on the challenges of eradicating poverty and helping communities become sustainable. Program Director –Dr. Maggie Tolan (mtolan@gsu.edu).

Exchange programs:

1. England, Northumbria University: an exchange program for one semester that gives undergraduate or graduate students from any AYSPS degree program an opportunity to take courses in the social sciences. Program director – Dr. Cynthia Searcy (csearcy@gsu.edu).
2. Italy and France, University of Venice – Ca'Foscari, University of Versailles Saint-Quentin: an exchange program for economics undergraduates that grants students a degree from Georgia State University (most likely a B.A. or B.S. in economics, or a B.A. in International Economics and Modern Languages) and a degree in Economics and Management from the University of Venice Ca'Foscari, after one year of study in Italy and a semester in France. Program director – Dr. Shelby Frost (sfrost@gsu.edu).
3. Lausanne, Switzerland, University of Lausanne Faculté des Hautes Etudes Commerciales: an exchange program for graduate students of economics to gain expertise in the areas of international economies and economic policy through coursework, while living in a new cultural setting. Program director – Dr. Felix Rioja (frioja@gsu.edu).
4. Istanbul, Turkey, Marmara University: A semester or year-long exchange program between GSU and Marmara University for economics undergraduate and graduate students. Students take classes conducted in English. Program Director –Dr. Cynthia Searcy (csearcy@gsu.edu).

2010.40 Academic Resources and Services

AYSPS Career Services & Student Life Office

14 Marietta St. N.W., Suites G47-51
career.aysps.gsu.edu

The Andrew Young School provides career support & leadership development services to all AYSPS current students and alumni. Students are invited to attend our career events and workshops as well as meet one-on-one a career coach to discuss individual career questions. Career Services can help with the career search process, resume writing, interviewing skills, navigating the job or internship search process, and networking. To see a listing of current career events, please visit: career.aysps.gsu.edu/calendar. The Career Services Office also supports all AYSPS student clubs and organizations. Take a look at the range of groups available within the college, and consider getting involved: career.aysps.gsu.edu/organizations/. Make the most of your education by utilizing these great resources. The AYSPS Career Services & Student Life office is located on the ground floor of the Andrew Young Building, in rooms G47-51.

AYSPS Research Vault

14 Marietta St. N.W., Suite V-51
404/413-0019

The Research Vault offers research tools in policy studies and economics for faculty, staff and students at the AYSPS. It provides students with an introduction to relevant databases, data set manuals, and websites. The Vault also houses selected literature and data sets on fiscal policy, public administration, and economic issues to support ongoing research projects of AYSPS faculty and its research centers. The website above is available to assist patrons in searching the literature of regional, national, and international policy issues located in the Vault.

Research Vault staff, along with university liaison librarians, develops links to electronic journals and databases licensed to Georgia State University for the use of its student and faculty community, as well as those licensed by the powerful statewide Galileo system. Available are such sources as the Web of Science, a leading citation index, access to social science data from the Inter-university Consortium for Political and Social Research (ICPSR), and Lexis-Nexis statistical tables for geographic, demographic, income and time series. The Vault holds data sets and publications from agencies in state government as well as the international community, especially in taxation.

The reading room has student workstations and provides copies of the *Wall Street Journal, New York Times, Financial Times,* and *The Economist*. Such periodicals as *Tax Analysts Tax Weeklies, Journal of Economic Literature, Journal of Econometrics,* and the *Nonprofit Quarterly* are available upon request.

International subscriptions include *Government Finance Statistics Yearbook, International Financial Statistics Yearbook, World Economic Outlook, World Development Indicators*, as well as other publications and data sets by the OECD, IMF, the World Bank and the United Nations.

Economics Tutoring Lab

14 Marietta St. N.W., Room 526
404/413-0141
economics.gsu.edu/programs/undergraduate/undergraduate-economics-tutoring-lab/

The Economics Tutoring Lab provides tutoring for students in undergraduate economics classes, particularly in principles of microeconomics and macroeconomics (ECON 2105 and ECON 2106). Day and evening sessions are available; contact the Department of Economics for a schedule.

2010.50 Research Centers and Programs

Center for Collaborative Social Work

140 Decatur Street, 12th Floor
404/413-1050

The Center for Collaborative Social Work developed out of the School of Social Work's need for an organizational structure that extended the school's founding principles beyond the classroom and into the community. The School of Social Work was developed in 1965 and is the first school in the country to offer a Master of Social Work with a sole concentration in community partnerships. The school's commitment to community partnerships grew out of collaborative efforts with community stake holders from a variety of social service agencies in the greater Atlanta area. Together, they developed a program based on the following principles:

- "Partnership is critical for human service delivery and building communities;
- Challenges facing individuals and communities are interrelated and that solutions must be as well;
- Students should commit themselves to addressing social and economic justice issues that test the spirit of individuals and communities;
- Students should be educated for leadership roles to facilitate partnerships; and
- The program must continue to be relevant to the professional lives of students and practitioners and to the needs of diverse communities." (Wertheimer et al. 2004)

Center for State and Local Finance

14 Marietta St. N.W., 4th Floor
404/413-0098
cslf.gsu.edu/

The Center for State and Local Finance (CSLF) was created in 2014 to build a stronger bridge between the Andrew Young School of Policy Studies' nationally ranked faculty, other scholars in public finance and the broader community of public finance practitioners at the state and local level. While the center is firmly nonpartisan, faculty and practitioners are invited to share their insights about public policies associated with state and local finance, education finance, economic development and urban policy as part of an open and honest debate. The CSLF mission is to develop the people and technologies for next generation public finance. Key initiatives include:

- Developing executive education programs in public finance to provide professional development for the next generation of practitioners in state and local finance.
- Building technical assistance capacity in next generation technologies for the public sector that include the use of "big data" and improved analytics to better inform policymakers and to better target solutions to public sector problems
- Supporting scholarship on critical challenges in state and local fiscal and economic policy
- Building a strong capacity to translate and communicate academic research for the practitioner audience.

Domestic Programs

14 Marietta St. N.W., 4th Floor
404/413-0194
frc.gsu.edu/domestic-programs/

Domestic Programs is home to several separate programs and activities. Some of these programs link the college with the community. Other activities and projects aim to inform the debate on public policy in the metropolitan Atlanta area, the state of Georgia and the nation, through research and education. The issues that are addressed include those associated with the structure of urban areas, government tax and expenditure policy, environmental policy, education, program evaluation, social policies and economic development. Overtime, some of the specific topics have included the evaluation of pre-K programs, analysis of the transition from welfare to work, studies of teacher retention, a multi-year study of public housing transformation, financial analysis of proposed new local governments, analysis of government agency performance and studies of the labor market opportunities of low-skilled workers. Domestic Programs also houses Atlanta Census -a portal that allows easy mapping of census data. Funding for Domestic Programs comes from a variety of governmental, foundation, and business sources.

Experimental Economics Center

14 Marietta St. N.W., 4th Floor
404/413-0194
excen.gsu.edu/

The Experimental Economics Center (ExCEN) supports research, teaching, and policy applications involving controlled experiments with human decision-makers. Its central objective is to promote the development and application of economics and related academic disciplines as empirical social science. Research conducted by center faculty covers many topics: theoretical modeling and laboratory experiments with trust, reciprocity, and altruism; small- and large-stakes risk aversion; public goods and common pool resources; centipede games vs. Dutch auctions; risk perception; technology adoption; time preferences; gambling disorders; health seeking behavior in less developed countries; ambiguity attitudes; insurance demand; financial risk management of poor working households; and congestion pricing in transportation. Collaborative research with surgeons is in progress on improving hospital discharge decision-making and analysis of decision-making for human organ rejections or acceptances for transplantation. Research and teaching support facilities developed and maintained by ExCEN include the AYSPS experimental economics laboratory, a mobile laboratory and EconPort (www.econport.org), an economics digital library and virtual laboratory containing Internet software for experiments.

Fiscal Research Center

14 Marietta St. N.W., 4th Floor
404/413-0249
frc.gsu.edu/

The Fiscal Research Center (FRC) is a nonpartisan academic think tank that leverages the Andrew Young School of Policy Studies' public finance expertise to assist Georgia's state and local policy makers on questions of tax and economic policy. The FRC's technical assistance responsibilities include supporting the State Fiscal Economist for Georgia, developing estimates for tax-related fiscal notes, writing the

Georgia State Tax Expenditure Budget, and conducting research on a variety of topics associated with state fiscal policy issues. The work of the FRC also includes collaborating with faculty, developing graduate student capacity, and maintaining the data resources and technical capacity to make the center an area of excellence in state and local tax and economic policy.

The Georgia Health Policy Center

14 Marietta St. N.W., 1st and 2nd Floors
404/413-0314
ghpc.gsu.edu/

The Georgia Health Policy Center (GHPC) integrates research, policy and programs to advance health and well-being. Celebrating 20 years in 2015, the GHPC works locally, statewide and nationally to connect decision makers with the evidence-based research and guidance needed to make informed decisions about health policy and programming. The center focuses on the most complex health care issues today: public and private health insurance coverage, health care reform, long-term services and supports, public health, children's health and well-being, behavioral health, and the development of urban and rural health systems. The GHPC offers a wide range of services to public and private clients, including research and evaluation, technical assistance, meeting design and facilitation, policy analysis, grants management, strategic planning, and health impact assessment. Home to the Georgia Center of Excellence in Child and Adolescent Behavioral Health, the Philanthropic Collaborative for a Healthy Georgia, Community Health Systems Development Team, Legislative Health Policy Certificate Program, Child Policy Initiative, and Georgia Health Decisions, the GHPC is at work across Georgia and in all 50 states in the nation.

Georgia International Law Enforcement Exchange

P.O. Box 3987, Atlanta, GA 30302-3987
404/413-1035
www.gilee.org

The Georgia International Law Enforcement Exchange (GILEE) was established in 1992. Its mission is to enhance law enforcement executive development and international cooperation for the provision of better law enforcement services and public safety through the protection of civil rights. GILEE's focus has been on anti-terrorism training; initially to protect the 1996 Centennial Olympic Games and later to improve preparedness for terror threats. Following the 9-11 atrocity, GILEE focuses on enhancing homeland security efforts through international cooperation and training programs. GILEE operates on the principle of providing peer-to-peer professional training through the introduction of best practices and sources of excellence in order to enhance agency capabilities to better deal with threats to public safety and improve security. GILEE offers executive law enforcement training programs and special briefings in and for more than 20 states and more than 20 countries.

International Center for Public Policy

14 Marietta St. N.W., 5th Floor
404/413-0239
icepp.gsu.edu/icepp

Mission: "To expand knowledge, instill optimal practice and build capacity in the public sector around the world to improve human well-being through better public policy."

The International Center for Public Policy (ICePP) is an interdisciplinary public policy research center that engages faculty members from within the Andrew Young School of Policy Studies (AYSPS) and other departments at Georgia State University who pursue this mission through internationally oriented research, academic programs and technical assistance, and training activities for developing countries. The core expertise of the center lies in its economics and fiscal policy analysis. It serves a diverse client base that includes multilateral donor agencies (e.g. USAID, World Bank, UNDP, ADB, etc.), foreign ministries, government organizations, legislative bodies and private institutions.

ICePP brings together the strengths of cutting-edge technical expertise, extensive real-world policy experience and solid project management capabilities. ICePP faculty have extensive experience in resolving real-world policy challenges, with combined work experience in over 70 developing and transition economies around the world. At the same time, ICePP's international technical assistance and training efforts uniquely complement the academic research and the educational mission of the Andrew Young School. The exposure to international policy challenges that ICePP brings to the school and its interaction with government leaders and policy-makers from around the world enriches the school's academic environment and deepens its commitment to resolving international policy challenges.

ICePP has built a strong visiting scholars program and has hosted over 40 scholars since 2007. In addition to the various books, peer reviewed journal articles and policy reports generated by its faculty and research associates, ICePP publishes a working paper series and occasional papers that include research from GSU faculty, research associates, graduate students and external professors, policy-makers and government officials that have participated in ICePP research activities.

Nonprofit Studies Program

14 Marietta St. N.W., 3rd Floor
404/413-0133

The Nonprofit Studies Program (NSP) was organized in 2001 to foster collaborative research on the nonprofit sector within the academic community, to promote policy research that is relevant in today's political and economic environment, to educate nonprofit managers and leaders, and to serve as a link between scholars and nonprofit practitioners in creating and disseminating knowledge about the sector. The program involves educational, research and service activities focused on helping nonprofit organizations address their social missions effectively through problem-solving, policy advocacy and effective deployment of their resources. The program is interdisciplinary, and has special strengths in economic analysis, resource development and management, and policy analysis applied to the concerns of nonprofit organizations. It includes over 30 core and associated faculty from the Andrew Young School, other schools and colleges of Georgia State University and other universities.

Public Performance and Management Group

14 Marietta St. N.W., Suite 316
404/413-0180
ppmgsu.org

The Public Performance and Management Group (PPM) offers an array of resources and solutions to assist public administrators to strengthen strategic and operational performance. Core activities include executive level training and development; applied research projects; short or long-term assistance with planning and performance improvement; and dissemination of effective practices. PPM supports improved public performance by providing real-world solutions to today's public management problems. All activities are practitioner-oriented and customized for a wide range of state and local government settings. Funding for PPM projects comes from federal grants as well as state and local contracts.

Usery Workplace Research Group

14 Marietta St. N.W., 5th Floor
404/413-0880
uwrg.gsu.edu/

The W.J. Usery Workplace Research Group (UWRG) includes scholars at the Andrew Young School conducting research on the economics of the workplace, labor markets, education, health and related areas. Activities include the annual Usery Distinguished Lecture Series, which brings the nation's leading labor economists to the Andrew Young School. Research by UWRG faculty are circulated widely through the Usery Workplace Research Group Paper Series. UWRG sponsors Andrew Young School seminar speakers, plus various research activities and occasional research conferences on and off campus. UWRG activities are coordinated and financed through the W.J. Usery Chair of the American Workplace.

2020 Academic Regulations

2020.05 Grades of C in Major/Minor/Concentration

With the exception of Criminal Justice, grades in all majors, concentrations, minors and policy/business area requirements, where applicable, require a grade of C or higher. The Department of Criminal Justice and Criminology accepts grades of C- to count toward its major and minor coursework.

2020.10 Transient Status at Other Institutions

Students enrolled in the Andrew Young School of Policy Studies who wish to take course work in transient status at another institution, whether as a full-time or part-time student, must have prior written approval from the Office of Academic Assistance if they wish to apply the credit to a degree program. A transient petition form should be submitted prior to registration.

2020.20 Directed Readings

Directed Readings courses in the various undergraduate programs are intended to allow students of proven performance to do independent study in a specific subject area. Enrollment in a directed readings course requires prior consent of the instructor. A maximum of one directed readings course may count toward fulfillment of degree requirements, and the course may not be substituted for a core course requirement. The subject of the independent study will be determined in consultation with the faculty member responsible for supervising the independent work. A faculty member may seek the assessment of a second faculty reader on any directed readings paper. Letter grades, rather than grades of S or U (satisfactory or unsatisfactory), will be assigned for all directed readings courses.

2020.30 Modification of Degree Requirements

Students may petition for modifications of the degree requirements of the Andrew Young School of Policy Studies. Degree modification petitions are granted only in the case of extenuating circumstances and only when an educationally acceptable substitution is proposed. Petition forms and information are available online at the following link: aysps.gsu.edu/oaa/student-forms.

Under certain conditions, an undergraduate or postbaccalaureate student may be admitted into a graduate course. To be eligible, an undergraduate student must have a cumulative grade point average of 3.5 or higher and be within 18 semester hours of graduation; a postbaccalaureate student must have a cumulative grade point average of 3.5 or higher in his or her undergraduate work as well as any graduate work taken at this or any other institution. Information is available at the following link: aysps.gsu.edu/oaa/student-forms .

Eligibility does not guarantee admission into a course. The interested student must apply through the Office of Academic Assistance for special graduate student status. Approval of that status requires the concurrence of the student's academic advisor and the director of the Office of Academic Assistance. Once the status has been approved, the student is permitted to enroll in a graduate course only with the permission of the instructor and the chair of the department in which the course is taught.

2020.50 Awards and Honors

The Andrew Young School of Policy Studies recognizes the academic achievements and service of its students each spring semester at an Honors Day ceremony. A number of awards and honors are presented annually to outstanding undergraduate students, including the Judge Andrew A. Mickle Scholarship, Outstanding Instructor Award, the Outstanding Criminal Justice Agency Award, the Undergraduate Academic Achievement Award, the Graduate Academic Achievement Award, the Criminal Justice And Criminology Graduate Research Award, the AYS Excellence In Teaching Criminal Justice Award, the Economics Award, the Economics Student Achievement Award, the Excellence in Microeconomics Award, the IEML Award, the Mark E. Schaefer M.A. in Economics Award, the Best Third-Year Paper Award, the Quantitative Economics Award, the Theodore C. Boyden Excellence in Teaching Economics Award, the AYS Excellence in Teaching Economics Award, the Research Excellence in Economics Award, the Williams R. Gable Award, the Diane Caves Award, the Governor Joe Frank Harris Award, the Dan Sweat Award, the Best Research Paper Award, the Master of Public Administration/Juris Doctor Achievement Award, the Public Administration Academic Achievement Award, the Public Policy Academic Achievement Award, the Outstanding Intern Award, the Public Management and Policy Student Leadership Award, the AYS Excellence in Teaching Policy Award, the Outstanding Doctoral Student In Public Policy Award, the Graduate Excellence in Scholarship Award, the Undergraduate Excellence in Scholarship Award, the Social Work Recognition Award, the Community Leadership in Social Work Award, the Diane B. Davis Award, the Wanda K. Cardwell Award, the Outstanding M.S.W. Student Award, the Outstanding Part-time M.S.W. Student Award, Field Placement Awards, and the Social Justice Award.

2030 College-level Degree Requirements

All undergraduate programs offered by the Andrew Young School of Policy Studies are designed to comply with the University System of Georgia core curriculum requirements. The program requirements for Undergraduate Core Curriculum Areas A through E are listed in the "Core Curriculum" chapter of this catalog.

2050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the Andrew Young School of Policy Studies will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section under Polices and Disclosures in this catalog or visit deanofstudents.gsu.edu/student-assistance/student-complaints-petitions/ online for details.

2060 Student Organizations

Alpha Phi Sigma

The purposes of Alpha Phi Sigma shall be to recognize and promote high scholarship among students actively engaged in college study in the Criminal Justice area, to keep abreast of the advances in scientific research, to elevate the ethical standards of the Criminal Justice professions, and to establish in the public mind the benefit and necessity of education and professional training. To learn more about Alpha Phi Sigma contact Dr. Leah Daigle at ldaigle@gsu.edu. National website: www.alphaphisigma.org/.

B.S.W. Social Work CLUB (Can Lead US Beyond)

The purpose of the Social Work Club at Georgia State University is to serve as a link between current social work students, prospective social work majors, faculty, and administration. The Social Work Club upholds the core values of the profession: service, social justice, dignity, and worth of the person, importance of human relationships, integrity, and competence while supporting the development of social, academic, and cultural awareness among undergraduate social work students. The Social Work club is also a community organization extending services beyond the limits of Georgia State, by providing needed services to groups within the University and the larger community. Visit their website for more information: socialwork.gsu.edu/student-engagement/bsw-social-work-club/.

Criminal Justice Student Association

The Criminal Justice Student Association (CJSA) is an organization open to all GSU students who are interested in pursuing a career in criminal justice. It is our mission to facilitate networking and career building activities in order to create a more cohesive and professional student criminal justice community. We seek to provide forums that focuses on the interaction between students, faculty, program alumni, professionals employed in the field, and members of the broader community. We are committed to developing networks with future criminal justice employers, the GSU Student Government Association, and faculty members in the Criminal Justice and Criminology Department. Membership brings students and the community together to promote awareness of criminal justice issues in society. Being a member of the CJSA is a great way to get involved on campus and in the Atlanta community, to help develop team building and leadership skills, and to meet other individuals interested in criminal justice issues. For more information visit their website at: criminaljustice.gsu.edu/student-resources/student-organizations/criminal-justice-student-association/.

The Economics Club

The aim of this chartered organization is to promote knowledge of economics on campus and in the community through its activities, and provide a forum where students with similar interests can meet, share ideas, socialize, and enhance their knowledge. Membership is open to all students interested in economics, regardless of their major. The club's many activities include a guest speaker series that brings noted economists and business leaders to the campus, seminars focusing on career information, and social events. For more information, contact the Department of Economics, 404/413-0141 or visit the Economics Club website: economics.gsu.edu/students/economics-club/.

The Nonprofit Leadership Alliance Club

The Department of Public Management and Policy in the Andrew Young School is affiliated with the Nonprofit Leadership Alliance, a national alliance of colleges, universities and nonprofit organizations dedicated to strengthening the leadership of the social sector and sustaining the ability of nonprofits to fulfill their mission with a talented and prepared workforce. The NLA Club focuses on professional leadership development, fundraising, and career networking within the nonprofit community. While optional, students are strongly encouraged to pursue NLA's Certified Nonprofit Professional (CNP) credential by meeting the NLA national office's five requirements. These requirements include:

1. Completing a bachelor's degree;
2. Demonstrating proficiency in NLA's 10 competencies;
3. Demonstrating Leadership & Service;
4. Completing a 300-hour internship; and
5. Attending one AMI (NLA's annual national conference in January).

This club is open to all GSU majors (undergraduate and graduate) who are interested in working and/or volunteering in a nonprofit environment. For more information about meeting times and a calendar of events, please visit their website at pmap.gsu.edu/student-organizations/nonprofit-leadership-alliance-student-organization/.

Planning and Economic Development Club

The Planning & Economic Development Club seeks to enrich students in the area of planning and economic development. Enrichment of students will occur through: creating a network for students with interest in planning and economic development to interact with one another outside the classroom; informing planning and economic development students of academic and professional opportunities in this area; connecting planning and economic development students to professionals working in this field, hosting a monthly speaker series with topics in planning and economic development; and further enhancing the career development of planning and economic development students at Georgia State University. For more information about the club, visit: pmap.gsu.edu/student-organizations/planning-economic-development-club/.

Omicron Delta Epsilon

Omicron Delta Epsilon is a national honor society open to students majoring in Economics. To be eligible for membership, a student must have a cumulative grade point average of 3.0 or higher. For information about Georgia State's chapter of this honor society, or to apply for membership, contact the Department of Economics, 404/413-0141 or visit the website: omicrondeltaepsilon.org/.

Phi Alpha Social Work Honor Society

Students within the School of Social Work are eligible for induction into the Phi Alpha Honor Society for Social Work. The GSU School of Social Work Chapter is Omicron Gamma, and was chartered in November 2007. Undergraduate membership requirements include being a social work major, achieving sophomore status, completing 8 semester hours of required social work course, and achieving an overall 3.0 GPA and a 3.25 social work GPA. Membership meetings are held twice yearly; once in the Fall and again in the Spring semesters. For more information please visit their website at: socialwork.gsu.edu/phi-alpha-

honor-society/.

2070 Academic Departments and Faculty

The Andrew Young School of Policy Studies is composed of four academic departments: Criminal Justice and Criminology, Economics, Public Management and Policy, and the School of Social Work.

Department of Criminal Justice and Criminology

1201 Urban Life Building
404/413-1020
criminaljustice.gsu.edu

Richard T. Wright, Chair
Mark D. Reed, Undergraduate Program Coordinator

LaRose Raston, Business Manager II
Jamia Luckett, Administrative Specialist – Admin
Mary Mason, Administrative Assistant

Faculty: Brezina, Collins, Dabney, Daigle, Hinkle, Jacques, Johnson, Overton, Pridemore, Reed, Shapiro, Teasdale, Topalli, Warner, Wright

Prefix: CRJU

The Master of Science (M.S.) degree in criminal justice represents a broad range of study designed to meet the academic needs of students seeking further graduate education, pre-professional students, and those already employed in the wide range of agencies that make up the criminal justice and juvenile justice systems. The Doctor of Philosophy (Ph.D.) degree program in criminal justice and criminology provides additional in-depth training in criminological theory, as well as advanced statistics and research methodology. The Ph.D. program prepares students for careers in research, teaching, management, and community service.

In each degree program, the focus of study includes the justice system as well as the nature, causes, and control of criminal behavior. The requirements of degree programs in this department stress an integrated view of the criminal justice system. In this view, all components of the system interrelate with all other components to provide coordinated justice administration. The curriculum is designed to give students an understanding of the developing theoretical knowledge base in this area of study, while simultaneously providing an understanding of how each of the component parts relates in forming the justice system, and how offenders and victims fit within it.

In addition, students learn how the justice system influences, and is influenced by other institutions in society. An adequately functioning criminal justice system participates in appropriate structuring of legislation, providing information and education within the system and to the public, crime prevention, psychological counseling, and prisoner rehabilitation. Also included among its many roles is work with juveniles, quantitative and qualitative scholarly research, guidance to probationers and parolees, assistance to citizen groups and crime victims, and many other tasks.

Students' learning in the classroom is enhanced as members of the faculty bring forth a myriad of expertise in criminal justice and criminology. Currently, faculty research topics include but are not limited to sex differences in criminality and criminal justice processing; specialty courts; community policing; public defense systems; domestic violence; elder abuse; sexual harassment; comparative criminal justice; drugs and crime; homicide co-victimization; legal issues in policing; evaluation research; community differences in the nature of crime; place-based criminology; private security; electronic monitoring; informal social control; domestic terrorism; homeland security; healthcare fraud; mental health; organizational misconduct; juvenile delinquency and youth violence; criminological theory; active offender decision-making; drug markets and urban violence; crime victimization; and community corrections. Faculty members conduct research drawing on their expertise in a variety of quantitative and qualitative research methods, thus allowing them to bring not only their topical expertise, but also their methodological experience into the learning environment.

Department of Economics

14 Marietta Street N.W., 5th Floor
404/413-0141
economics.gsu.edu/

Sally Wallace, Chair
Shelby Frost, Director of Undergraduate Studies

Caroline Griffin, Administrative Specialist – Managerial
Bess Blyler, Administrative Specialist – Academic
Jamaal Madison, Administrative Coordinator – Senior

Faculty: Banzhaf, Courtemanche, Cox, Cyan, Feltenstein, Ferraro, Frost, Gibson, Gurmu, Heaghney, Heutel, Hirsch, Kaufman, Kreisman, Laury, Mangum, Mansfield, Martinez-Vazquez, Marton, Moore, Mroz, Nguimkeu, O, Patrick, Price, Rider, Rioja, Ross, Rutstrom, Sadiraj, Sass, Seaman, Sjoquist, Stephan, Swarthout, Tchernis, Timofeev, Walker, Wallace, Xu

Prefix: ECON

Georgia State's Department of Economics, recently ranked number one in Georgia by the *Southern Economic Journal*, has won national acclaim for its insightful research into practical economic topics. Its concentrations in environmental and labor economics, urban and regional economics and public finance are setting new academic standards in programs of study that combine solid research with practical policy education.

Students in our program have access to innovative research resources on campus, including the Experimental Economics Lab, the Fiscal Research Center, the International Studies Program, the Economic Forecasting Center, and the Georgia Health Policy Center. Faculty in these centers work closely with local, state, national and international organizations to provide the information needed to address today's complex policy issues.

A Bachelor's degree in Economics provides students with the resources to be leaders and innovators, as well as a broad understanding of economic issues. Undergraduate majors may choose from four degree options:

the Bachelor of Arts with a major in Economics, which includes a language option and a minor field; the Bachelor of Science with a major in Economics, which includes math to the calculus level and a minor field; the Bachelor of Arts with a major in International Economics and Modern Languages, which includes intensive study in a language to prepare international professionals; and the Bachelor of Business Administration with a major in Business Economics, including course work in business-related topics such as accounting, marketing and finance (the "business core"). A minor in Economics consists of five courses with at least 9 hours at the upper level. Graduate degrees are available in economics, economics with a policy track, and business economics.

Department of Public Management and Policy

14 Marietta Street N.W., 3rd Floor
404/413-0107
pmap.gsu.edu/

Gregory B. Lewis, Chair
Joseph Hacker, Director of B.S. in Public Policy Program

Elsa Gebremedhin, Business Manager
Lisa Shepard, Administrative Specialist – Academic
Abena Otudor, Administrative Coordinator

Faculty: Bourdeaux, Capers, Esnard, Galope, Hacker, Harvey, Hildreth, Kerlin, Lewis, Liu, Martin, Minyard, Newman, Poister, Roch, Searcy, Snyder, Streib, Thomas, Waugh, Willoughby, Young

Prefix: PMAP

The Department of Public Management and Policy offers a variety of interdisciplinary degree programs designed to prepare students for life and work in a range of professions in metropolitan areas. At the undergraduate level, the department offers a Bachelor of Science degree with a major in public policy which includes a choice of concentrations in nonprofit leadership, planning and economic development, and public management and governance. Minors are available in nonprofit leadership, planning and economic development, and public policy. All minors require 15 semester hours of credit. Graduate degrees are available in public administration and public policy.

School of Social Work

1242 Urban Life Building
404/413-1050
socialwork.gsu.edu/

Brian Bride, Director
Jan Ligon, B.S.W. Program Director

Cheryl Sahib, Business Manager III
Althea Carr, Administrative Assistant

Faculty: Beck, Bride, Brooks, Dear, Forge, Hartinger-Saunders, Ivery, Klausner, Kropf, Lewinson, Liddie-Hamilton, Ligon, Littrell, Lyons, Scott, Seelman, Smith, Watkins, Wertheimer, Whitley

Prefix: SW

The Master of Social Work (M.S.W.) program's mission is to prepare students for social work leadership roles in the effort to solve, in partnerships with others, the existing and developing challenges that confront communities and the people within these communities. Graduates will be educated to advance the needs and capacities of the total community by promoting social and economic justice while maximizing human potential. The goals of the M.S.W. program are to graduate students who are able to: (1) think critically and communicate effectively in the application of social work knowledge, skills, and values to community partnerships practice and (2) engage as social work leaders to build and strengthen communities. The competencies and practice behaviors of the M.S.W. program are designed to be consistent with the mission and goals of the M.S.W. program, the Council on Social Work Education Curriculum Policy Statement, Georgia State University, and the Andrew Young School of Policy Studies.

2105 Criminal Justice

Programs Offered:

1. **B.S. in Criminal Justice**
2. **Minor in Criminal Justice**

Department of Criminal Justice and Criminology
1201 Urban Life Building, 404/413-1020
criminaljustice.gsu.edu

Dr. Richard T. Wright, Chair
Dr. Mark D. Reed, Undergraduate Program Coordinator

The Bachelor of Science Degree in Criminal Justice focuses on the study of the criminal justice system and its component parts, as well as the causes and consequences of crime. The degree program stresses an integrated view of the criminal justice system, highlighting relationships between system components in service provision and how the justice system influences/is influenced by other societal institutions. The curriculum is designed to provide students with a developing theoretical knowledge base in studies of crime and criminal justice, focusing on examining the system and its parts, as well as the roles of victims and offenders. The curriculum also is designed to provide students with a liberal arts education that focuses on basic skills, such as the abilities to read critically, write clearly, speak effectively, and think analytically. The curriculum is broadly structured to meet the academic needs of pre-professional students, those already employed in the wide range of agencies that compose the criminal and juvenile justice systems, and those pursuing graduate education.

Students' classroom experiences are enhanced through the research expertise of the criminal justice faculty. Currently, faculty research topics highlight sex differences in criminality and criminal justice processing; specialty courts; public defense systems; community policing; problem-oriented policing; domestic violence; violence by and against people with mental illness; elder abuse; sexual harassment; comparative criminal justice; drugs and crime; the role of alcohol in violence and mortality; homicide investigation; homicide co-victimization; sexual victimization; legal issues in policing; evaluation research; community differences in the nature of crime; electronic monitoring; supermax prisons; informal social control; juvenile delinquency and youth violence; active offender decision-making; and and suburban crime and urban violence. Faculty members use a variety of quantitative and qualitative research methods, bringing not only topical knowledge but also methodological expertise into the learning environment.

Degree programs offered through the Department of Criminal Justice and Criminology include a Bachelor of Science in criminal justice, a Master of Science in criminal justice, and a doctorate in criminology and criminal justice. The bachelor's degree program complies with the core curriculum requirements of the University System of Georgia.

Mission

The Department of Criminal Justice and Criminology emphasizes issues of crime and justice occurring in urban environments from a multicultural, interdisciplinary perspective to inform science, policy, and practice. The mission of the Department is to produce students who are critical and ethical thinkers,

knowledgeable about the issues of crime and justice, and prepared for leadership positions in public and private criminal justice.

Program Admission

There are no admission requirements specific to the Bachelor of Science degree program in Criminal Justice beyond the admission requirements to the University.

Program Financial Information

No special fees are associated with the Bachelor of Science degree program in Criminal Justice. Students must pay all tuition and fees required by the University.

Program Academic Regulations

1. The Department has two academic track options: Crime and Justice Track or Legal Track. The Crime and Justice Track provides a traditional curriculum for criminal justice majors, while the Legal Track is designed for criminal justice majors desiring more intensive exposure to law often in preparation for law school. Students are automatically placed in the Crime and Justice Track unless they opt into the Legal Track.
2. Students must earn a grade of C or higher in CRJU 1100 (or equivalent transfer course and CRJU 2200) and C- or higher in all Area G – K, 2000 – 4000-level criminal justice courses to be eligible for a degree in Criminal Justice. Students must have an institutional grade point average of 2.0 at Georgia State (GSU) in order to graduate from the University.
3. Students must complete a minimum of 39 semester hours in 2000-4000-level criminal justice courses at Georgia State University. CRJU 1100/ CRJU 3100 is not included in this GSU CRJU residency requirement.
4. Students may transfer in a maximum of three (3) courses (e.g., 9 credits) in Areas G-J. Students must still meet the GSU CRJU residency requirement.
5. A student who has received a grade of D, F, or WF in an Area (H) (Foundations of Analyses) course may repeat the course up to two times. This allows the student a maximum of three attempts to successfully complete the course. Emergency Withdrawals will not count against course attempts; documentation that a hardship withdrawal was granted must be provided in the situation where a fourth attempt is requested.
6. Students should complete a majority of lower-division courses (Areas A – F) prior to taking 4000 level criminal justice courses.
7. Students should take or complete all Area G (Criminal Justice Core) courses before taking 4000 level criminal justice courses.
8. Students should be enrolled in or have taken all Area H (Foundations of Analyses) courses before enrolling in 4000 level criminal justice courses
9. All criminal justice majors must complete an internship/capstone experience (CRJU 4930 and CRJU 4935) during their final semester in the program. These combined courses count for a total of nine (9) hours: CRJU 4930 at 3 hours and CRJU 4935 at 6 hours. Students will complete 180 hours at an internship agency as part of the requirements in CRJU 4935. Placement with an agency that deals with sensitive information may require a background investigation, which can include checks for prior arrests and convictions, abuse of illegal drugs, and DUI convictions. If students have a criminal record either before they declare their major or acquire a criminal record after declaring

their major, they might be prohibited from participating in the internship. Since the internship is a requirement, students might be excluded from the degree program by the internship coordinator or department chair. A thorough description of the internship program is found at criminaljustice.gsu.edu/student-resources/internship-program/.

10. The Department of Criminal Justice and Criminology believes that all students in the internship program (criminal justice seminar and field placement) must be personally and psychologically equipped as well as academically prepared. A student may be denied entry into an intern field experience based on departmental prerequisites or the professional judgment of faculty based on observed performance, behavior, or documentation that indicates erratic, unpredictable, or unsuitable conduct. This policy is based on the premise that criminal justice faculty should be part of the evaluation of a student's ability to function adequately and safely in a criminal justice setting and that the faculty has a right and responsibility to make such judgments prior to placing a student in an internship.
11. The internship coordinator or department chair may remove a student from an internship site if circumstances arise at the site that pose an unforeseen danger to the student's welfare or an unforeseen risk of liability to the student, faculty, or Department. If the reason for the move is not the fault of the student, the internship coordinator shall make reasonable efforts to assist the student with finding a new placement agency. If it is not possible to secure placement with a new agency the student will receive a grade of incomplete and be required to re-enroll in the field placement course the following academic semester.The internship coordinator and department chair also have authority to withdraw a student from a classroom and/or field experience (i.e., CRJU 4930, CRJU 4935) if the student's performance constitutes a detriment to other students in the class and/or to personnel at the field internship site, or if the student is arrested, convicted, and/or violates the agency's workplace rules, policies, or procedures. If a student is withdrawn due to academic misconduct, the student will be given an F in both the course(s) and many be subjected to discipline through the University's academic discipline process.
12. All applications for the internship program must be completed online at criminaljustice.gsu.edu/student-resources/internship-program and submitted to the AYS Office of Academic Assistance (OAA). OAA shall determine each student's eligibility to intern and shall forward a list of approved students to the Department of Criminal Justice and Criminology internship coordinator. Without exception, all applications must be submitted by the following dates in order for students to be considered for placement in the specified semester: February 15 for Fall semester; May 15 for Spring semester; September 15 for Summer semester.

Program Degree Requirements:

1. Crime and Justice Track:

Requirements for Areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" in the GSU undergraduate catalog. Semester hours are shown in parentheses following an entry. Area I courses can fulfill Area J requirements. Courses from Areas I and J can fulfill Area L requirements. Before enrolling in any 4000 level courses, a student should be enrolled in or have taken all Area H courses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Related to the Program of Study (18)

1. Required Courses (6):
    - CRJU 1100 Introduction to Criminal Justice (3)
    - CRJU 2200 Social Science and the American Crime Problem (3)
2. Electives (12):
    - Select four (3.0 hour) courses chosen from the 1000-2000 level offerings of the College of Arts & Sciences, Robinson College of Business, the School of Public Health, or the Andrew Young School of Policy Studies (12)

Area G: Criminal Justice Core (9)

- CRJU 3110 Policing in America (3)
- CRJU 3310 Corrections (3)
- CRJU 3700 American Criminal Courts (3)

Area H: Foundations of Analysis (12)

- CRJU 3020 Research Methods in Criminal Justice (3)
- CRJU 3060 Ethical Issues in Criminal Justice – CTW (3)
- CRJU 3410 Criminological Theory (3)
- CRJU 3610 Statistical Analysis in Criminal Justice (3)

Area I: Legal Issues (3)* – select one course from the following:

- CRJU 3710 Policing and Individual Rights (3)
- CRJU 4040 Comparative Criminal Justice Systems (3)
- CRJU 4720 Law, Justice, and Social Change (3)
- CRJU 4760 Criminal Procedure (3)
- CRJU 4780 Criminal Law (3)
- CRJU 4910 Selected Legal Issues in Criminal Justice (3)
- CRJU 4915 Controversial Legal Issues in Criminal Justice (3)

* Note: Area I courses may count towards Area J

Area J: Criminal Justice Issues (12) – select four courses from the following:

- CRJU 3070 Race and the Criminal Justice System (3)
- CRJU 3210 Juvenile Offending (3)
- CRJU 3350 Prisons and Jails (3)
- CRJU 4010 Gender in Criminal Justice (3)

- CRJU 4020 Criminal Justice Policy Analysis (3)
- CRJU 4070 Family Violence and Criminal Justice (3)
- CRJU 4080 Crime and the Media (3)
- CRJU 4110 Criminal Investigations (3)
- CRJU 4170 Victimology (3)
- CRJU 4210 Juvenile Justice System (3)
- CRJU 4230 Juvenile Corrections (3)
- CRJU 4350 Community Corrections (3)
- CRJU 4420 Crime Typologies (3)
- CRJU 4430 White-Collar Crime (3)
- CRJU 4440 Street Crime (3)
- CRJU 4450 Drugs, Crime and Policing (3)
- CRJU 4500 Criminal Justice Management (3)
- CRJU 4460 Serial Killers (3)
- CRJU 4800 Mental Health Issues in Criminal Justice (3)
- CRJU 4900 Selected Topics in Criminal Justice (3)
- CRJU 4920 Community Policing (3)
- CRJU 4960 Domestic Terrorism (3)
- CRJU 4990 Readings in Criminal Justice (3)

*Note CRJU 3005 does not count in Areas I or J for criminal justice majors but it will count in Area L.

Area K: Capstone and Internship (9)

- CRJU 4930 Internship Seminar in Criminal Justice – CTW (3)
- CRJU 4935 Criminal Justice Field Instruction (6)

Area L: Electives (15). Students may choose 15 credit hours of approved electives. These hours may be used to satisfy Criminal Justice residency hours.

Note: The University's 39 credit hour residency requirement and the residency requirement of the Department of Criminal Justice and Criminology (noted in Program Academic Regulation #3 above) must be satisfied.

Total Semester Hours for Degree: 120

2. **Legal Track:**

Requirements for Areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" in the GSU undergraduate catalog. Semester hours are shown in parentheses following an entry. Area I courses can fulfill Area J requirements. Courses from Areas I and J can fulfill Area L requirements. Before enrolling in any 4000 level courses a student must be enrolled in or have taken all Area H courses.

Area F: Courses Related to the Program of Study (18)

1. Required Courses (6):
    - CRJU 1100 Introduction to Criminal Justice (3)
    - CRJU 2200 Social Science and the American Crime Problem (3)
2. Electives (12):
    - Select four (3.0 hour) courses chosen from the 1000-2000 level offerings of the College of Arts & Sciences, Robinson College of Business, the School of Public Health, or the Andrew Young School of Policy Studies (12)

Area G: Criminal Justice Core (9)

- CRJU 3110 Policing in America (3)
- CRJU 3310 Corrections (3)
- CRJU 3700 American Criminal Courts (3)

Area H: Foundations of Analysis (12)

- CRJU 3020 Research Methods in Criminal Justice (3)
- CRJU 3060 Ethical Issues in Criminal Justice – CTW (3)
- CRJU 3410 Criminological Theory (3)
- CRJU 3610 Statistical Analysis in Criminal Justice (3)

Area I: Legal Issues (12) – select four courses from the following:

- CRJU 3710 Policing and Individual Rights (3)
- CRJU 4020 Criminal Justice Policy Analysis (3)
- CRJU 4040 Comparative Criminal Justice Systems (3)
- CRJU 4720 Law, Justice, and Social Change (3)
- CRJU 4760 Criminal Procedure (3)
- CRJU 4780 Criminal Law (3)
- CRJU 4910 Selected Legal Issues in Criminal Justice (3)
- CRJU 4915 Controversial Legal Issues in Criminal Justice (3)
- POLS 3145 Introduction to American Law (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4131 Civil Liberties and Rights (3)
- POLS 4420 International Law (3)
- POLS 4425 Politics of International Law (3)
- POLS 4427 Politics of International Human Rights (3)
- POLS 4780 Administrative Law and Government (3)

Area J: Criminal Justice Issues (3) – select one course from the following:

- CRJU 3070 Race and the Criminal Justice System (3)
- CRJU 3210 Juvenile Offending (3)
- CRJU 3350 Prisons and Jails (3)
- CRJU 4010 Gender in Criminal Justice (3)
- CRJU 4020 Criminal Justice Policy Analysis (3)
- CRJU 4070 Family Violence and Criminal Justice (3)

- CRJU 4080 Crime and the Media (3)
- CRJU 4110 Criminal Investigations (3)
- CRJU 4170 Victimology (3)
- CRJU 4210 Juvenile Justice System (3)
- CRJU 4230 Juvenile Offending (3)
- CRJU 4350 Community-Based Corrections (3)
- CRJU 4420 Crime Typologies (3)
- CRJU 4430 White-Collar Crime (3)
- CRJU 4440 Street Crime (3)
- CRJU 4450 Drugs, Crime and Policing (3)
- CRJU 4460 Serial Killers (3)
- CRJU 4500 Criminal Justice Management (3)
- CRJU 4800 Mental Health Issues in Criminal Justice (3)
- CRJU 4900 Selected Topics in Criminal Justice (3)
- CRJU 4920 Community Policing (3)
- CRJU 4960 Domestic Terrorism (3)
- CRJU 4990 Readings in Criminal Justice (3)

* Note CRJU 3005 does not count in Areas I or J for criminal justice majors but it will count in Area L.

Area K: Capstone and Internship (6)

- CRJU 4930 Internship Seminar in Criminal Justice – CTW (3)
- CRJU 4935 Criminal Justice Field Instruction (6)

Area L: Electives (15). Students may choose 15 credit hours of approved electives. These hours may be used to satisfy Criminal Justice residency hours.

Note: The University's 39 credit hour residency requirement and the residency requirement of the Department of Criminal Justice and Criminology (noted in Program Academic Regulation #3 above) must be satisfied.

Total Semester Hours for Degree: 120

2105.10 Minor in Criminal Justice

Students who wish to minor in criminal justice must take 15 hours of courses in Criminal Justice, including CRJU 1100 (Introduction to Criminal Justice), CRJU 2200 (Social Science and the American Crime Problem) and nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in Criminal Justice may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.).

2110 Economics

Programs Offered:

1. **Bachelor of Arts Major in Economics**
2. **Bachelor of Science Major in Economics**
3. **Minor in Economics**
4. **Bachelor of Arts Major in International Economics and Modern Languages**

For information about the B.B.A. degree with a major in business economics offered by the J. Mack Robinson College of Business, please refer to that college's chapter in this catalog.

Economics provides a way of thinking about everyday decision-making in a world of limited options. It explains the economy as a whole; how it is best organized to provide goods, services, jobs, stable prices, and other economic goals. Economists study the ways a society distributes scarce resources such as land, labor, raw materials, and machinery to produce goods and services choices that must be made because time, income, wealth, workers, and natural resources are limited. Principles of economics are useful at all levels of decision-making, and provide an essential framework for analyzing and understanding such major issues as inflation, unemployment, deregulation of banking, tax reform, fluctuations in foreign exchange rates, labor productivity, and foreign debt crises.

Most economists are concerned with practical applications of economic policy in a particular area. They use their understanding of economic relationships to advise businesses and other organizations, including insurance companies, banks, securities firms, computer and data processing companies, management consulting firms, industry and trade associations, labor unions, and government agencies. Some economists work abroad for companies with international operations and for organizations like the World Bank and United Nations.

Economists use mathematical models to develop programs that predict, for example, the nature and length of business cycles, the effects of inflation on the economy, or the effects of tax legislation on unemployment levels. Preparing reports on the results of their research is an important part of the economist's job. Being able to present economic concepts in a meaningful way is particularly important for economists who are involved in making policy for their organizations.

The student with a major or minor in economics may choose from a broad array of topics including foreign trade, environmental and natural resources economics, money and credit, public sector economics, labor economics, economic development, international finance, urban and regional economics, economic history, industrial organization and antitrust policies, and mathematical economics. Majors may pursue careers in many areas, some of which are listed below along with courses applicable to the career choice.

Career Opportunities and Related Courses: A recent study by the U.S. Census Bureau showed that college graduates who majored in economics were among the highest paid employees (economics ranked as the third most lucrative major). An undergraduate degree in economics furnishes a valuable background for a domestic or international career in law, government, business or education. Government service provides many opportunities at the federal, state, and local level that require only an undergraduate degree in economics. What economists do in business is as broad and varied as the full scale of managing a firm's operations; economists are found in staff departments handling marketing, business planning and policy,

finance, international operations, government relations, and even purchasing and operating logistics. An economics degree also combines well with training in other disciplines such as finance, real estate, political science, journalism, history, law, and foreign languages.

Students who plan to have a career or pursue graduate work that uses economics should consider the courses linked at economics.gsu.edu/files/2014/12/ECON-Recommended-Economic-Courses.pdf. The listings are suggestions for broad categories and do not exclude other offerings. These suggestions do not replace advisement or override any degree requirements regarding choices of major or elective courses.

A Top Ranked Program: The Department of Economics is ranked 1st in Georgia, and 9th among 33 Southeastern programs, and 50th in the U.S., according to a recent issue of the *Southern Economic Journal,* with considerably higher national rankings in the subfields that our faculty selected as primary areas of concentration, including: 8th in Urban, Rural and Regional Economics; 11th in Public Economics; 20th in Agricultural and Natural Resource Economics; 23rd in Labor and Demographic Economics. The department also got high marks in general Economics and teaching (14th), methodology and History of Economic Thought (16th).

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B.A. or B.S. with a major in Economics or the B.A. with a major in International Economics and Modern Languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in these programs.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102, in all courses in the major common core curriculum, policy/business and minor for the B.A. and B.S. degrees with a major in Economics, and in all courses in the major common core curriculum and modern languages concentration for the B.A. with a major in International Economics and Modern Languages.

2110.10 Bachelor of Arts Major in Economics

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester hours credit required for each section is shown in parentheses. Students may not receive both a B.A. and a B.S. degree from the Andrew Young School of Policy Studies with a major in economics.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- MATH 1070 Elementary Statistics – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- Foreign language sequence requirement (6): 1001/1002 or 2001/2002. Choose from Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Korean, Latin, Portuguese, Persian, Russian, Swahili, Spanish, or Turkish. A combined course, FREN 1101 or SPAN 1101, will satisfy the Area F requirement. If part of your sequence was used in Area C, you must choose an additional 1000/2000 level elective from Areas A-E.
- Elective: One 1000/2000 level course chosen from Areas A-E.

Area G: Major Common Core Curriculum (24). A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW
- ECON 3910 Microeconomics
- ECON 4999 Senior Capstone in Economic Policy-CTW*
- Choose five 4000 level ECON courses (15)*

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course prerequisites and graduation.

Area H: Policy/Business (6). A minimum grade of C is required for all courses in this area.

Select two courses from the following three topic areas: *Both courses cannot be taken from the same topic area, and courses may not be from the department in which the student is receiving the minor.*

1. **Policy:**
    - GEOG 4762 Economic Geography
    - GEOG 4764 Urban Geography
    - GEOG 4766 Urban Transportation Planning
    - GEOG 4768 Metropolitan Atlanta
    - GEOG 4776 Location Analysis
    - PMAP 3011 Policy and Politics in the American City
    - PMAP 3021 Citizenship, the Community and the Public Sector
    - PMAP 3031 Policy Leadership
    - PMAP 3111 Urban Political Economy
    - PMAP 3311 Critical Policy Issues
    - PMAP 4051 Evaluating Public Policy
    - POLS 3110 State Government

- POLS 3400 International Politics
- POLS 3750 Public Policy Analysis
- POLS 4430 International Political Economy
- POLS 4450 Foreign Policy Decision Making
- SW 3930 Social Welfare Policy

2. **Math/Business:**
    - MATH 3260 Differential Equations
    - MATH 3435 Introductory Linear Algebra
    - MATH 4211 Optimization
    - MATH 4265 Partial Differential Equations
    - MATH 4435 Linear Algebra
    - MATH 4751 Mathematical Statistics I
    - MATH 4752 Mathematical Statistics II
    - ACCT Any 3000/4000 course
    - CIS Any 3000/4000 course
    - FI Any 3000/4000 course
    - MGS Any 3000/4000 course
    - MK Any 3000/4000 course
    - RMI Any 3000/4000 course
3. **Skills:**
    - ENGL 3130 Business Writing
    - LGLS 3020 Introduction to the Law
    - LGLS 4050 Principles of Business Law
    - POLS 3145 Introduction to American Law
    - PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
    - PSYC 3560 Leadership and Group Dynamics
    - SPCH 3010 Advanced Public Speaking
    - SPCH 3210 Business and Professional Communication

Area I: Minor (15). The 15 semester hours in the minor must include nine semester hours at the 3000/4000 level. A grade of C or higher is required in all minor courses. The minor area must consist of 15 semester hours in one department/school/institute other than the major. For some minors, the department/school/institute has designated specific courses that must be completed to constitute the minor.

Area J: Electives (15). These 15 semester hours must include six semester hours at the 3000/4000 level. Elective courses to complement the major are selected in consultation with the faculty advisor or undergraduate academic advisor in the University Advisement Center or Office of Academic Assistance.

Total Semester Hours for Degree: 120

2110.11 Bachelor of Science Major in Economics

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Academic Regulations" chapter of this catalog. The number of semester hours credit required for each section is shown in parentheses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- MATH 1070 Elementary Statistics – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- MATH 1220 Survey of Calculus
- Electives: Two 1000/2000 level courses from Areas A-E.

Area G: Major Common Core Curriculum (24). A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW
- ECON 3910 Microeconomics
- ECON 4950 Econometrics and Applications
- ECON 4999 Senior Capstone in Economic Policy-CTW*
- Choose four 4000-level courses (12)

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Area H: Policy/Business (6). A minimum grade of C is required for all courses in this area.

Select two courses from the following three topic areas. *Both courses cannot be taken from the same topic area, and courses may not be from the department in which the student is receiving the minor.*

1. **Policy:**
    - GEOG 4762 Economic Geography
    - GEOG 4764 Urban Geography
    - GEOG 4766 Urban Transportation Planning
    - GEOG 4768 Metropolitan Atlanta
    - GEOG 4776 Location Analysis
    - PMAP 3011 Policy and Politics in the American City
    - PMAP 3021 Citizenship, the Community and the Public Sector
    - PMAP 3031 Policy Leadership
    - PMAP 3111 Urban Political Economy

    - PMAP 3311 Critical Policy Issues
    - PMAP 4051 Evaluating Public Policy
    - POLS 3110 State Government
    - POLS 3400 International Politics
    - POLS 3750 Public Policy Analysis
    - POLS 4430 International Political Economy
    - POLS 4450 Foreign Policy Decision Making
    - SW 3930 Social Welfare Policy
2. **Math/Business:**
    - MATH 3260 Differential Equations
    - MATH 3435 Introductory Linear Algebra
    - MATH 4211 Optimization
    - MATH 4265 Partial Differential Equations
    - MATH 4435 Linear Algebra
    - MATH 4751 Mathematical Statistics I
    - MATH 4752 Mathematical Statistics II
    - ACCT Any 3000/4000 course
    - CIS Any 3000/4000 course
    - FI Any 3000/4000 course
    - MGS Any 3000/4000 course
    - MK Any 3000/4000 course
    - RMI Any 3000/4000 course
3. **Skills:**
    - ENGL 3130 Business Writing
    - LGLS 3020 Introduction to the Law
    - LGLS 4050 Principles of Business Law
    - POLS 3145 Introduction to American Law
    - PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
    - PSYC 3560 Leadership and Group Dynamics
    - SPCH 3010 Advanced Public Speaking
    - SPCH 3210 Business and Professional Communication

Area I: Minor (15). The 15 semester hours in the minor must include nine semester hours at the 3000/4000 level. A grade of C or higher is required in all minor courses. The minor area must consist of 15 semester hours in one department/school/institute other than the major. For some minors, the department/school/institute has designated specific courses that must be completed to constitute the minor.

Area J: Electives (15). These 15 semester hours must include six semester hours at the 3000/4000 level.

Elective courses to complement the major are selected in consultation with the faculty advisor or undergraduate advisor in the University Advisement Center or Office of Academic Assistance.

Total Semester Hours for Degree: 120

Concentration in Social Studies Education

The Social Studies Education Concentration in Economics is designed for students who wish to become

secondary school teachers. This degree provides the initial content area preparation for the Master of Arts in Teaching (M.A.T.) in Social Studies Education in the College of Education and Human Development at Georgia State or a similar master's degree at another university. For teacher certification, the student must also complete the M.A.T. in Social Studies Education or a similar master's degree at another university.

The Social Studies Education Concentration in Economics is designed to provide students with the content area preparation required for teaching economics and other social studies courses at the middle and high school levels. Students pursuing this concentration must take 21 hours in economics and must also choose three allied fields from the following departments, taking nine hours in each (for a total of 27 hours in allied fields): African-American studies, geography, history, political science, and only one of the behavioral science departments of sociology, anthropology, or psychology.

Area G: Major Courses (21): A grade of C or higher is required in all major courses.

- ECON 3900 Macroeconomics -CTW (3)
- ECON 3910 Microeconomics (3)
- Select five additional 4000 level economics courses (15)

Area H: Allied Fields (27): The student must take a total of 27 hours in three allied fields (nine hours in each field). The allied fields are political science, geography, history, or behavioral science. The behavioral science field consists of nine hours from anthropology, psychology, or sociology. The student should see each department's list for the courses to be taken in the nine hours for that discipline.

Area I: Electives (12): Twelve hours (four courses) at the 3000/4000 level selected in consultation with the faculty advisor.

Total Semester Hours for Degree: 120

Economics as an Allied Field (9): If a student chooses economics as one of their three allied fields, three courses must be chosen from the following two lists: *At least one course must be taken from each list.*

1. **Macroeconomics & Policy** – These courses have ECON 2105 as a prerequisite:
    - ECON 3900 Macroeconomics-CTW
    - ECON 4500 Money and Credit
    - ECON 4600 Economic Development
    - ECON 4810 International Finance
2. **Microeconomics & Policy –** These courses have ECON 2106 as a prerequisite:
    - ECON 3910 Microeconomics
    - ECON 4210 Health Economics
    - ECON 4220 Environmental Economics and Policy
    - ECON 4230 Experimental Economics
    - ECON 4300 Economics of Cities
    - ECON 4350 Economics of Poverty and Public Policy
    - ECON 4400 Public Sector Economics
    - ECON 4470 Industrial Organizations: Regulation and Antitrust Economics
    - ECON 4800 International Trade
    - ECON 4960 Economics of Work and Pay

2110.12 Minor in Economics:

Students who wish to minor in economics must take 15 hours of courses in economics, with at least 9 of those hours at the 3000 level or above. Students taking more than 15 hours in courses in economics may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor).

2120 International Economics and Modern Languages

2120.10 Bachelor of Arts Major in International Economics and Modern Languages

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Academic Regulations" chapter of this catalog. The number of semester hours credit required for each section is shown in parentheses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- MATH 1070 Elementary Statistics (3) – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- Elective (3): One 1000/2000 level course chosen from Areas A-E. Students with a language concentration in Spanish must choose SPAN 2203 or 2501 as the Area F elective.
- Foreign Language (6) – select one of the following three language options:
    1. Chinese:
        - CHIN 2001 Intermediate Chinese I
        - CHIN 2002 Intermediate Chinese II
    2. French:
        - FREN 2001 Intermediate French I
        - FREN 2002 Intermediate French II
    3. German:
        - GRMN 2001 Intermediate German I
        - GRMN 2002 Intermediate German II
    4. Italian:
        - ITAL 2001 Intermediate Italian I
        - ITAL 2002 Intermediate Italian II
    5. Spanish:
        - SPAN 2001 Intermediate Spanish I
        - SPAN 2002 Intermediate Spanish II

Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: CHIN, FREN, GRMN, ITAL, or SPAN 1001 and/or 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core

requirements in Area C, *Humanities and Fine Arts*.

Students who have already attained intermediate-level competency in the primary language may substitute 1000/2000 level courses in another language for CHIN, FREN, GRMN, ITAL, or SPAN 2001/2002 (or SPAN 2203 or SPAN 2501) upon approval of the Department of World Languages and Cultures advisor.

Area G: Economics Common Core Curriculum (24). A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics-CTW
- ECON 3910 Microeconomics
- ECON 4600 Economic Development
- ECON 4800 International Trade
- ECON 4810 International Finance
- ECON 4999 Senior Capstone in Economic Policy-CTW*
- Choose two 4000-level Econ courses (6)

*The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Area H: Modern Languages Common Core (24). A minimum grade of C is required for all courses in this area.

1. **Chinese Studies:**
    - CHIN 3001 Advanced Chinese I
    - CHIN 3002 Advanced Chinese II
    - CHIN 3080 Topics in Chinese Studies-CTW
    - CHIN 3081 Cultural Dimensions of Language Learning-CTW
    - IB 4030 China's Economy and International Business Environment
    - CHIN 4011 Chinese for International Business I (proposed in Fall 2013)
    - CHIN 4012 Chinese for International Business II (proposed in Fall 2013)
    - Choose one from the following list of courses (3):
        - CHIN 3395 Study Abroad
        - CHIN 3396 Study Abroad
        - AH 4800 Special Studies Lecture (if Chinese Art)
        - HIST 3700 China and Japan to 1600
        - HIST 3710 China and Japan since 1600
        - HIST 4890 Topics in World History (if China)
        - POLS 4465 China in the International System
        - POLS 4257 Chinese Politics
        - PT 4130 Taichi: Therapeutic Exercise
        - PT 4140 Taichi: Therapeutic Exercise
        - RELS 4622 Classical Chinese Philosophy
        - RELS 4620/PHIL 4620 Confucianism and Taoism
        - RELS 4615/PHIL 4615 Buddhism

        - RELS 4628 Topics in Asian Religion (if China-related)
2. **French:**
    - FREN 3013 Intensive Grammar Review
    - FREN 3023 Advanced Conversation and Composition
    - FREN 3033 Introduction to Analysis of Literary Texts-CTW
    - FREN 4033 French for International Business I
    - FREN 4043 French for International Business II
    - FREN 4053 Advanced Grammar and Translation
    - FREN 4123 Contemporary France -CTW
    - Choose one elective FREN 3000/4000 course (3)
3. **German:**
    - GRMN 3301 Advanced German I-CTW
    - GRMN 3302 Advanced German II
    - GRMN 3311 Introduction to Reading German Literature
    - GRMN 3312 Introduction to Reading German Literature
    - GRMN 4431 German for International Business I
    - GRMN 4432 German for International Business II
    - Choose two of the following list of courses (6):
        - GRMN 4402 Advanced Grammar-CTW
        - GRMN 4422 Contemporary German
        - GRMN 4435 Techniques of Translation
4. **Italian:**
    - ITAL 3301 Civilization
    - ITAL 3302 Adv Composition and Conversation
    - ITAL 3303 Italian Cultural Expression
    - ITAL 4414 Topics in Italian Literature (may be taken more than once if topic is different)
    - ITAL 4033 Italian for International Business I
    - ITAL 4043 Italian for International Business II
    - Choose two additional ITAL 3000/4000 level courses (6)
5. **Spanish:**
    - SPAN 3303 Advanced Grammar *or* Span 3501 Advanced Spanish for Heritage Speakers
    - SPAN 3307 Introduction to Study of Literary Texts-CTW
    - SPAN 3309 Spanish Culture and Civilization *or* SPAN 3311 Latin American Culture & Civilization
    - SPAN 4405 Spanish for International Business I
    - SPAN 4407 Spanish for International Business II
    - SPAN 4409 Techniques for Translation
    - Choose two elective SPAN 3000/4000 courses (6)

Area I: Electives (12) Choose any four 3000/4000 level courses, in consultation with the academic advisor.

Total Semester Hours for Degree: 120

2125 Certificates in Economics

Certificates: The Department of Economics offers a certificate to students, which indicates that they have

successfully completed (with a minimum grade of C) a concentration of economics courses in a specialty area. These certificates are conferred by the department and will not appear on official transcripts or diplomas from the university. Certificates are available to majors and non-majors.

Certificates are available in the following areas:

- Analytical Economics (choose 3 or 4 courses): ECON 4230, ECON 4750, ECON 4930, ECON 4950 .
- Business Policy Analysis (choose 3 of 4 courses): ECON 4470, ECON 4500, ECON 4950, ECON 4960.
- Development Economics (choose 3 of 4 courses): ECON 4600, ECON 4610, ECON 4620, ECON 2100 (may be used in core Area E).
- Economic History: ECON 4080, ECON 4680, and choose one 4000-level Economics Elective.
- The Economics of Urban Growth and the Quality of the Environment (choose 3 of 4 courses): ECON 4220, ECON 4300, ECON 4400, ECON 4600.
- Human Resource Economics (choose 3 of 4 courses): ECON 4210, ECON 4300, ECON 4350, ECON 4960.
- International Economics (choose 3 of 4 courses): ECON 4600, ECON 4800, ECON 4810, ECON 2100 (may be used in core Area E).
- Law and Economics: ECON 4450, ECON 4470, and choose one of the following: ECON 4080, ECON 4220, ECON 4400, ECON 4960.
- Public Policy (choose 3 of 4 courses): ECON 4220, ECON 4350, ECON 4400, ECON 4470.

For more information about certificates or concentration in Economics visit this website: economics.gsu.edu/programs/undergraduate/concentration-completion-certificate-form/.

2130 Public Policy

Programs Offered:

1. **B.S. in Public Policy**
2. **Minors in Policy Studies**
    - Minor in Public Policy
    - Minor in Nonprofit Leadership
    - Minor in Planning & Economic Development

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B.S. program with a major in Public Policy.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101, ENGL 1102, ECON 2105, ECON 2106, MATH 1070 and all courses in the major common core curriculum and the concentration.

2130.10 Bachelor of Science Major in Public Policy

Mission: The mission of the Public Policy program is to prepare students for roles as effective citizens and people who work in the public service. We seek talented and motivated students who want to develop the knowledge, skills and values required to become responsible and visionary leaders in a wide range of settings. While many graduates of our program choose to enter a career in the public sector or in nonprofit agencies, others make contributions to their community, state, and nation as active citizens in the civic and public arenas.

The career of the namesake of the School, Ambassador Andrew Young, illustrates how individuals can move from nonprofit organizations to public life and the private sector, while being a part of our increasingly global society. Students in the Bachelor of Science in Public Policy program learn about the institutions of a democracy and the ways in which policy making organizations relate to one another. Students acquire skills in policy writing, critical thinking, and analysis that are in demand by governmental agencies and nonprofit groups, as well as graduate and professional schools. Above all, they learn how to make a difference by becoming engaged in civic and public life.

Career Opportunities: A policy major can work as a city manager, community relations specialist, local or regional planner, policy analyst, environmental resource specialist, human resource manager, journalist, politician or campaign strategist, volunteer coordinator, nonprofit leader, or in many other exciting careers that make a difference.

Many graduates of the Bachelor of Science in Public Policy establish careers in public service. These alumni work in a variety of agencies including federal, state, and local governments as well as a number of public agencies. Others are employed in not-for-profit organizations that address many important needs. Some alumni work in the business world, but use the knowledge and skills from their Public Policy degree to become better, more active citizens in the civic and public arenas. The degree program also provides an excellent preparation for graduate study in law, public policy and administration, and related fields.

A Top Ranked Program: The Andrew Young School of Policy Studies (AYSPS) is nationally recognized as having one of the elite programs in the field of public policy and management. The *U.S. News and World Report's* "2013 Edition America's Best Graduate Schools" ranked the AYSPS 23rd overall among the 269 public affairs schools in the United States, and in the top 25 programs in the specialty areas of nonprofit management, public policy analysis and public management administration, and in the top 12 programs in public finance and budgeting, city management and urban policy, and information and technology management. A B.S. in Public Policy provides students the resources to be leaders and innovators in the public sphere for years after they have graduated from the program.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Academic Regulations" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

Area E: Social Science (12)

Area F: Courses Appropriate to the Major (18)

1. **Required Courses (15):**
    - ECON 2105 Principles of Macroeconomics (C or better) (3)
    - ECON 2106 Principles of Microeconomics (C or better) (3)
    - MATH 1070 Elementary Statistics (C or better) (3)
    - SOCI 1101 Introductory Sociology (3)
    - PSYC 1101 Introduction to Psychology (3)
2. **Elective (3):** One course chosen from the 1000-2000 level offerings of the College of Arts and Sciences, Robinson College of Business, College of Education and Human Development (with restrictions), or the Andrew Young School of Policy Studies.

Area G: Major Common Core Curriculum (21): C or better grade is required of all courses in this area.

- PMAP 3021 Citizenship, the Community, and the Public Sector
- PMAP 3031 Policy Leadership
- PMAP 3311 Critical Policy Issues-CTW

- PMAP 4041 Policy Data Analysis
- PMAP 4051 Evaluating Public Policy-CTW
- PMAP 4061 Introduction to Policy Analysis
- PMAP 4941 Internship*

* Internships are required for all undergraduate students lacking significant prior administrative experience in a public or nonprofit agency or a related organization. Internship experiences provide students the opportunity to apply concepts and skills associated with their curriculum. This opportunity for professional growth and development requires enrollment in three hours of PMAP 4941. The department's internship coordinators assist in the search for an appropriate internship opportunity. Students are expected to take the lead in this search. Internship credit requires the completion of 200 hours of work. Students are free to work full-time or part-time, according to their needs and those of their internship sponsor. Many students find paid internships, but there are some unpaid internships available that are very desirable. Students should consider the value of the experience that an internship provides, in addition to the pay. Internship information and applications are available from the Department of Public Management and Policy, or the PMAP internship homepage on the web at pmap.gsu.edu/student-resources/. Students with substantial prior administrative experience may petition to waive the internship requirement. Petition forms are available online through the Office of Academic Assistance at aysps.wufoo.com/forms/undergraduate-petition/.

Area H: Concentration (21): A C or better grade is required for all courses in this area.

Students must choose one concentration from:

- Nonprofit Leadership *or*
- Planning and Economic Development *or*
- Public Management and Governance

1. **Nonprofit Leadership (21):**The nonprofit leadership concentration allows students to learn about the important role of nonprofit organizations in addressing social issues and interests in a democratic society and participating in the formulation and implementation of public policy. Through this concentration, students will become aware of the many and diverse career opportunities in the nonprofit sector, in areas such as the arts, social services, education, health care, the environment, policy advocacy, and international relief and development. They will learn the skills, knowledge and challenges of leadership in this sector. This concentration involves a service learning component and will prepare students for entry level jobs in nonprofit management and for graduate study in nonprofit organizations, philanthropy, and related fields.
    a. **Required Courses (15):**
        - PMAP 3210 Introduction to the Nonprofit Sector
        - PMAP 3213 Nonprofit Financial Resources
        - PMAP 3231 Nonprofit Management and Leadership
        - PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations
        - PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
    b. **Concentration Courses (6)** – select two courses from the following:
        - PMAP 3211 Career Development in Public and Nonprofit Organizations

- PMAP 3411 Contemporary Planning
- PMAP 3801 Public Administration and Politics
- PMAP 4451 Economic Development Policy and Planning
- ENGL 4510 Grant and Proposal Writing

2. **Planning and Economic Development (21):**The planning and economic development concentration prepares students to work in both the public and private sectors addressing issues facing urban communities. It is appropriate for students who want to pursue careers or further study in the planning, development and management of communities. Courses introduce students to forces shaping the development of urban regions. Special attention is paid to planning for economic development, environmental quality, housing, land use, neighborhood revitalization, and transportation. During their studies, students learn about the variety of policies and strategies that citizens and planners can use to influence development.
    a. **Required courses (15):**
        - ECON 4300 Economics of Cities
        - PMAP 3011 Policy and Politics in the American City
        - PMAP 3411 Contemporary Planning
        - PMAP 4401 Urban Demography and Analysis
        - PMAP 4451 Economic Development Policy and Planning
    b. **Concentration Electives (6) -** select two courses from the following:
        - ECON 4350 Economics of Poverty and Public Policy
        - ECON 4600 Economic Development
        - PMAP 3421 Urban Transportation Planning
        - PMAP 3111 Urban Political Economy
        - PMAP 3801 Public Administration and Politics
        - PMAP 3831 Governmental Budgeting
        - PMAP 4301 Local Governance
        - PMAP 4411 Introduction to the Law for Public and Nonprofit Managers
3. **Public Management and Governance (21):**How does government work, and what can we do to make it work better? The public management and governance concentration is for students who are excited about how government operates and how policies are converted into action. These are fascinating topics for those interested in improving the lives of citizens in communities and nations, and learning how to better address specific policy issues. Students in this concentration will also acquire the skills needed to compete for entry level jobs in governments, consulting firms, and with government contractors. This is the type of knowledge that would also be useful for students contemplating a professional degree in public administration, law, planning, or some type of policy research (think tanks, advocacy groups, universities, and/or lobbying organizations).
    a. **Required courses (15):**
        - PMAP 3411 Contemporary Planning
        - PMAP 3801 Public Administration and Politics
        - PMAP 3831 Governmental Budgeting
        - PMAP 4301 Local Governance
        - PMAP 4451 Economic Development Policy and Planning
    b. **Concentration Electives (6)** – select two courses from the following:
        - PMAP 3111 Urban Political Economy
        - PMAP 3210 Introduction to the Nonprofit Sector
        - PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations

- PMAP 4411 Introduction to the Law for Public and Nonprofit Managers

Area I: Approved Electives (18). Students are required to complete 18 credit hours of advisor approved electives to complete an undergraduate degree. These may be accumulated in any field of study outside the PMAP department. PMAP requires 9 hours (three classes) of these electives to be upper division 3000/4000 level classes, with all 18 hours requiring advisor approval. A grade of "C" or better is recommended for approval.

Total Semester Hours for Degree – 120

2130.11 Minors in Policy Studies

Three minors are offered through the Department of Public Management and Policy (PMAP).

1. **Minor in Public Policy (15):**
   This is the most general of the three minors offered in PMAP. A public policy minor can work as a city manager, community relations specialist, local or regional planner, policy analyst, environmental resource specialist, human resource manager, journalist, politician or campaign strategist, volunteer coordinator, nonprofit leader, or in many other exciting careers that make a difference. The minor allows students to select from public administration and leadership courses that will complement their major and their chosen career path, thereby opening doors into the public sector and broadening your employment opportunities beyond private (for profit) industry. Students wishing to minor in public policy should take 15 semester hours (5 courses) of PMAP courses at the 3000 level or above.
   Course Titles (15) – select five courses from the following:

   - PMAP 3011 Policy & Politics in the American City
   - PMAP 3021 Citizenship, the Community, & the Public Sector
   - PMAP 3031 Policy Leadership
   - PMAP 3111 Urban Political Economy
   - PMAP 3210 Introduction to Nonprofits
   - PMAP 3211 Career Development in Public & Nonprofit Organizations
   - PMAP 3213 Nonprofit Financial Resources
   - PMAP 3231 Nonprofit Leadership & Management
   - PMAP 3311 Critical Policy Issues – CTW
   - PMAP 3411 Contemporary Planning
   - PMAP 3801 Public Administration and Politics
   - PMAP 3831 Governmental Budgeting
   - PMAP 4041 Policy Data Analysis
   - PMAP 4051 Evaluating Public Policy – CTW
   - PMAP 4061 Introduction to Policy Analysis
   - PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations
   - PMAP 4301 Local Governance
   - PMAP 4401 Urban Demography and Analysis
   - PMAP 4411 Intro to the Law for Public & Nonprofit Managers
   - PMAP 4451 Economic Development Policy

- PMAP 4941 Internship

2. **Minor in Nonprofit Leadership (15):**
The nonprofit leadership minor allows students to learn about the important role of nonprofit organizations in addressing social issues and interests in a democratic society, and participating in the formulation and implementation of public policy. Through this minor, students will become aware of the many and diverse career opportunities in the nonprofit sector, in areas such as the arts, social services, education, health care, the environment, policy advocacy, and international relief and development, and they will learn the skills, knowledge and challenges of leadership in this sector. This minor will prepare students for entry level jobs in nonprofit management and for graduate study in nonprofit organizations, philanthropy, and related fields. The minor in nonprofit leadership requires 15 hours of coursework, which must include 3 credit hours of required courses and 12 additional credit hours from a list of pre-approved courses. Students are strongly encouraged to complete PMAP 4941 (Internship) as part of their minor.

   a. **Required course (3):**
      - PMAP 3210 Introduction to the Nonprofit Sector*
   b. **Electives (12)** – select four courses from the following:
      - PMAP 3031 Policy Leadership
      - PMAP 3213 Nonprofit Financial Resources*
      - PMAP 3231 Nonprofit Management and Leadership*
      - PMAP 3411 Contemporary Planning
      - PMAP 3801 Public Administration and Politics
      - PMAP 4211 Issues/Probs Personnel Mgmt Syst Public & NP
      - PMAP 4411 Intro to the Law for Public & Nonprofit Managers
      - PMAP 4451 Economic Development Policy and Planning
      - PMAP 4941 Internship*
      - ENGL 4510 Grant and Proposal Writing

   *Students who complete the courses marked with an asterisk are eligible to earn the Nonprofit Leadership Alliance national certificate in Nonprofit Leadership. To learn more about the Nonprofit Leadership Alliance, please visit our website at pmap.gsu.edu/student-organizations/nonprofit-leadership-alliance-student-organization/nla-leadership/.

3. **Minor in Planning & Economic Development (15):**
The planning and economic development minor prepares students to work in both the public and private sectors addressing issues facing urban communities. This minor is appropriate for students who want to pursue careers or further study in the planning, development and management of communities. Courses introduce students to forces shaping the development of urban regions. Special attention is paid to planning for economic development, environmental quality, housing, land use, neighborhood revitalization, and transportation. During their studies, students learn about the variety of policies and strategies that citizens and planners can use to influence development.The minor in Planning & Economic Development requires 15 hours of coursework, which must include 3 credit hours of required courses and 12 additional credit hours from a list of pre-approved courses. Students are strongly encouraged to complete PMAP 4941 (Internship) as part of their minor.

   a. **Required course (3):**
      - PMAP 3411 Contemporary Planning
   b. **Electives (12)** – select four courses from the following:

- PMAP 3111 Urban Political Economy
- PMAP 3031 Policy Leadership
- PMAP 3801 Public Administration and Politics
- PMAP 3831 Governmental Budgeting
- PMAP 4301 Local Governance
- PMAP 4401 Urban Demography and Analysis
- PMAP 4411 Intro to the Law for Public & Nonprofit Managers
- PMAP 4451 Economic Development Policy and Planning
- PMAP 4941 Internship
- ECON 4300 Economics of Cities
- ECON 4350 Economics of Poverty and Public Policy
- ECON 4600 Economic Development

2130.15 Nonprofit Leadership Alliance Certificate in Nonprofit Management and Leadership

The Department of Public Management and Policy is affiliated with the Nonprofit Leadership Alliance, a national alliance of colleges, universities and nonprofit organizations dedicated to preparing graduates and undergraduates for careers in nonprofit leadership. Graduate and undergraduate students from all majors are welcome to learn more about the criteria for earning NLA's Certified Nonprofit Professional (CNP) credential by visiting Georgia State University's NLA website: pmap.gsu.edu/student-organizations/nonprofit-leadership-alliance-student-organization/.

2140 Social Work

Programs Offered:

1. **Bachelor of Social Work**

School of Social Work
1242 Urban Life Building, 404/413-1050
socialwork.gsu.edu/

The B.S.W. program's mission is to prepare students for generalist social work practice in a range of roles and services that deal with the existing and developing challenges that confront individuals, families, groups, and communities. The goals of the B.S.W. program are to graduate students who will be able to: (1) think critically and communicate effectively in the application of social work knowledge, skills, and values to entry-level generalist practice, and (2) practice as entry-level generalist social workers.

Successful completion of this program may lead to advanced standing in many accredited graduate programs of social work.

The competencies and practice behaviors of the B.S.W. program are designed to be consistent with the missions and goals of the B.S.W. program, the Andrew Young School of Policy Studies, and Georgia State University. They are aligned with the Council of Social Work Education's Educational Policy and Accreditation Standards.

B.S.W. Program Competencies:

1. Identify as a professional social worker and conduct oneself accordingly.
2. Apply social work ethical principles to guide professional practice.
3. Apply critical thinking to inform and communicate professional judgments.
4. Engage diversity and difference in practice.
5. Advance human rights and social and economic justice.
6. Engage in research-informed practice and practice-informed research.
7. Apply knowledge of human behavior and the social environment.
8. Engage in policy practice to advance social and economic well-being and to deliver effective social work services.
9. Respond to contexts that shape practice.
10. Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Program Admission

The requirements and procedures for admission to Georgia State University are summarized in the university section of this General Catalog. That application process permits a potential student to indicate the college in which the individual wishes to register upon acceptance and to indicate the intended major. Based upon that application, an individual may be accepted by the university and by the Andrew Young School of Policy Studies. Entering students who wish to major in social work begin their affiliation with the School of Social Work in a Pre-Social Work (P.S.W.) status. A later, separate application and decision

process is required before a student can be formally accepted into the Bachelor of Social Work (B.S.W.) status. The priority application deadline is May 15 prior to the junior year. However, applications will be accepted after that date until August 1 on a space availability basis. (B.S.W. applications are NOT processed between August – December.)

Pre-Social Work (P.S.W.) Student

All students admitted to the School of Social Work begin as Pre-Social Work (P.S.W.) students and change their status only after the student has made formal application and formal admission has been granted. P.S.W. status is assigned to students who have not completed all lower-division courses in Areas A-F or have not met GPA eligibility requirements. To complete these areas, P.S.W. students must register only for the lower-division courses specified in their advisement files.

Bachelor of Social Work (B.S.W.) Student

For a student to be considered for B.S.W. status, the student must:

1. Be in good standing at Georgia State University with a minimum institutional GPA of 2.5.
2. File a formal application in the school for B.S.W. status.
3. Have grades of C or higher in English 1101 and 1102.
4. Have successfully completed Areas A through F (except SW 2000).
5. Have a minimum grade point average of 2.5 or better in the lower-division courses counted for completion of Areas A-F and a minimum grade of C or higher in SW 2000, if completed.

B.S.W. status indicates that a student has demonstrated commitment to professional social work and has been recognized by the school as being ready to utilize that commitment in the demanding preparation for practice in this field. A student with B.S.W. status is expected to internalize the values and ethics of social work and to develop and enhance professional practice skills. In this process, the B.S.W. student is expected to abide by the academic regulations related to the program as outlined in this catalog and in the school's Student Handbook. Among those academic regulations is the requirement that a student have a grade of C (2.0) or better in each of the social work major courses that are required in Area G.

Entry into the B.S.W. program is a selective process on a space availability basis. A student who meets only the minimum GPA or other criteria is not necessarily guaranteed acceptance. Qualified students who are denied entry at one point in time will be placed on a competitive waiting list in the order of their denial to await possible access to the program at a subsequent time.

Program Financial Information

A $30 field site application is due by February 1st of the Junior year, no other special fees are associated with the Bachelor of Social Work program. Students must pay all tuition and fees required by the University.

Program Academic Regulations

Students in the School of Social Work are required to participate in academic advisement. Each entering B.S.W. student is assigned to a professional staff member in the University Advisement Center or in the

college's Office of Academic Assistance who serves as the student's academic advisor. B.S.W. students should meet with that assigned academic advisor prior to registering for any courses, and those advisement appointments are available during any semester. When the student achieves B.S.W. status, the student will be reassigned to the director of the B.S.W. program for program advisement. The director of the B.S.W. program will be the advisor throughout the program. The student is expected to meet with the assigned academic advisor at least once each academic semester for the purpose of beginning or enhancing acculturation to the field of social work, as well as for sequencing course selections in accordance with school procedures. B.S.W. advisement appointments are scheduled only during the fall and spring semesters, so students are expected to plan accordingly.

Course sequencing in the B.S.W. program begins only in the fall semester, and a student is admitted to B.S.W. status in accordance with that schedule. P.S.W. and B.S.W. students are expected to follow the written course advisement plan developed in the advisement process, both in terms of course selections and in the sequencing of those courses. Deviations from the advisement plan without the written authorization of the assigned academic advisor or the B.S.W. program director may result in the school's blocking future registrations that do not conform to the advisement plan or may result in an extension of their course of study. In addition to the review and possible withdrawal of a student from the program, as described in "Review of Academic and Professional Practice Demands," a student who misses or fails a course but is permitted by the school to continue in the program must work closely with the assigned academic advisor and the B.S.W. program director to determine the most appropriate point at which to continue degree-related course work. If a student in B.S.W. status is inactive for two academic semesters, the student will be returned to P.S.W. status and must file a new, competitive application to reenter the B.S.W. status.

Field Education

Field education is an integral component of the B.S.W. curriculum and involves the placement of social work students in educationally supervised agency settings. The primary purpose of field education is to enable students to integrate social work theory and practice through the direct application of social work knowledge, values, and skills. Field education provides opportunities to test and refine classroom learning in professional social work settings. B.S.W. students must have a minimum of 400 supervised hours of field education over a period of two consecutive semesters. Students are required to attend a classroom-setting field integrative seminar as part of their field education. The purpose of the integrative seminar is to provide field education students a forum for the synthesizing of classroom learning with their field-based internship.

Students may apply for field education only after lower-division and prescribed social work courses and other requirements have been satisfactorily completed, as explained in the school's Student Handbook. Students enroll in field education for the fall-spring semesters. Field education applications must be turned in to the Director of Field Education by February 1st for the following fall semester placement.

Grant — Child Welfare

As funds are available, the School of Social Work, in partnership with the Georgia Department of Human Services, has scholarships available under the Title IV E, Child Welfare Scholars Program. The scholarship includes tuition and fees and a stipend. Recipients must take specific child welfare electives and must complete a field placement in a public child welfare setting. Upon graduation, recipients must commit to work for the Division of Family and Children Services on a year-for-year basis.

School of Social Work Policies and Procedures

Georgia State University is an equal educational opportunity institution. Faculty, staff, and students are admitted, employed, and treated without regard to race, sex, color, age, religion, national origin, sexual orientation, or disability. Georgia State University complies with Title IX of the Education Amendments of 1972, Titles VI and VII of the Civil Rights Act of 1964, the Civil Rights Act of 1991, Sections 503/504 of the Rehabilitation Act of 1973, the American with Disabilities Act of 1990, the Vietnam Era Veterans Readjustment Assistance Act, as well as other applicable federal and state laws.

Students should refer to the current Undergraduate Catalog to ensure compliance with university policies and procedures.

Codes of Ethics

All students admitted into the B.S.W. program are expected to read, understand, and follow the National Association of Social Workers (NASW) Code of Ethics. This code provides a set of values, principles, and standards to guide conduct and decision making when interacting with clients and colleagues and for when critical issues arise. A copy of the Code of Ethics can be found at the NASW website (www.naswdc.org)

Review of Academic and Professional Standards – The Policy

Students admitted into the School of Social Work will be held by the academic standards set by the University and the Andrew Young School of Policy Studies. Students will be held to the professional standards set by the school and the National Association of Social Workers. Students should familiarize themselves with these requirements as found in the undergraduate and graduate catalogs for the university and the Andrew Young School of Policy Studies.

A. Academic Competence

Undergraduate students are required to maintain at least a grade of C (2.00) or better in each of the social work major courses in Area G, and be in academic good standing with the University (an institutional GPA of 2.00). In cases where a student has a grade of D or F in an Area G course, the student must meet with the B.S.W. Director and another faculty member of the B.S.W. Committee to determine whether the student is eligible to continue in the program. If the student is allowed to continue in the program, he or she must retake the course and receive a grade of C or higher. Due to course sequencing, graduation date may be postponed in this situation. Undergraduates must also complete a minimum of 400 hours of field placement.

B. Professional Competence

Georgia State University's School of Social Work has the goal of educating competent social work practitioners. If a student fails to meet the standards set by the National Association of Social Workers and/or the School of Social Work, corrective action may be taken. Corrective action is intended to provide students and faculty with the opportunity to openly discuss problems and issues identified, and to seek a solution to correct the situation or problem presented. Dismissal from the program is an option and may supersede any discussion of corrective action. Professional incompetence signifies that a student is not adequately or appropriately performing at his or her program level.

Failure to comply with the policies and procedures of Georgia State University and/or the Andrew Young School of Policy Studies and/or the School of Social Work may result in a student's dismissal from the program.

Program Degree Requirements

Semester hours are shown in parentheses following an entry. Requirements for Areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" chapter of this catalog. Only senior B.S.W. majors may take: SW 4100, SW 4200, SW 4500, SW 4900.

Area A: Essential Skills (9)

Area B: Institutional Options (4)

Area C: Humanities and Fine Arts (6)

Area D: Math, Technology and Science (11)

- BIOL 1103K and BIOL 1104K are recommended as the lab science sequence.

Area E: Social Science (12)

Area F: Courses Related to the Program of Study (18)

- ANTH 1102 Introduction to Anthropology (3)
- ECON 2105 Principles of Macroeconomics (3)
- MATH 1070 Elementary Statistics (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)
- SW 2000 Introduction to Social Work (3)

Area G: Major (48)

1. **Required Courses (42):**
    - SW 3000 Cultural Diversity (3)
    - SW 3200 Social Welfare Institutions (3)
    - SW 3300 Human Behavior and the Social Environment I – CTW (3)
    - SW 3400 Human Behavior and the Social Environment II (3)
    - SW 3500 Methods of Social Work Research (3)
    - SW 3600 Social Welfare Policy – CTW (3)
    - SW 3700 Communication Skills for Social Workers (3)
    - SW 3800 Case Management and Community Resources in Social Work (3)
    - SW 4100 Social Work Methods I (3)
    - SW 4200 Social Work Methods II (3)
    - SW 4500 Practicum I (6)
    - SW 4900 Practicum II (6)
2. **Social Work Electives (6) – select two courses from the following:**

- SW 4320 Social Work Administration (3)
- SW 4330 Contemporary Health Challenges (3)
- SW 4340 Social Work and the Law (3)
- SW 4350 Economics of Poverty (3)
- SW 4360 Forensic Social Work (3)
- SW 4450 Child Maltreatment Practice, Policy and Research (3)
- SW 4460 Aging Practice, Policy and Research (3)
- SW 4470 Substance Abuse Practice, Policy and Research (3)
- SW 4480 Disabilities Practice, Policy and Research (3)
- SW 4490 Child Welfare Practice, Policy and Research (3)
- SW 4960 Seminar on Social Work Issues and Problems (3)
- SW 4950 Selected Topics in Social Work (3)
- SW 4990 Directed Individual Study (3)

Area H: Electives (12). In consultation with an advisor, choose 12 semester hours of course work (4 courses).

Total Semester Hours for Degree: 120 semester hours

2150 Graduate Programs in the Andrew Young School of Policy Studies

The Andrew Young School of Policy Studies offers advanced studies and research leading to the following degree programs:

The Graduate Certificate in:

- Disaster Management
- Nonprofit Management & Social Enterprise
- Planning and Economic Development

The Master of Science in Criminal Justice

The Master of Arts in Economics

The Master of Arts in Economics, Policy Track

The Master of Public Administration with concentrations in:

- Criminal Justice
- Management and Finance
- Nonprofit Management
- Planning and Economic Development
- Policy Analysis and Evaluation
- Public Health Management

The Master of Public Administration/Juris Doctor

The Master of Public Policy with concentrations in:

- Disaster Policy
- Nonprofit Policy
- Planning and Economic Development Policy
- Public Finance Policy
- Social Policy

The Master of Social Work

- Community Partnerships

The Doctor of Philosophy in Criminal Justice and Criminology

The Doctor of Philosophy in Economics with elective fields in:

- Environmental, Urban, and Regional Economics (EURE)
- Experimental Economics
- Health Economics
- Labor Economics
- Public Finance

The Doctor of Philosophy in Public Policy with elective fields in:

- Public Finance and Budgeting
- Public and Nonprofit Management
- Policy Design, Analysis and Evaluation

The Doctor of Philosophy in Public Policy joint degree program with the Georgia Institute of Technology with elective fields in:

- Environmental Policy
- Health Policy
- Policy Design, Analysis and Evaluation
- Public and Nonprofit Management
- Public Finance
- Science and Technology Policy
- Urban and Regional Economic Development

3000 College of Arts and Sciences

Undergraduate programs in the College of Arts and Sciences are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

3010 General Information

The College of Arts and Sciences consists of 25 departments, schools, institutes within the areas of the fine arts, the humanities, the natural and computational sciences, and the social and behavioral sciences. The college has more than 13,000 undergraduate majors and approximately 2,200 graduate students. The college also has the primary responsibility for the two-year general education curriculum required of all students in the university.

The liberal arts education offered by the College of Arts and Sciences prepares students for professional careers and provides them with the foundation for lifelong learning, enabling them to meet the challenges of career development. Programs in the liberal arts promote the independent discovery of knowledge, an appreciation of the arts, and the ability to think critically and analytically.

At the undergraduate level, the College of Arts and Sciences offers the Bachelor of Arts, the Bachelor of Science, the Bachelor of Interdisciplinary Studies, the Bachelor of Music, and the Bachelor of Fine Arts degrees. The requirements for these degrees build directly upon the broad educational foundation provided by the core curriculum.

Within the framework of the various degree offerings, specific programs have been designed for students who wish to pursue a career in teaching. These teacher education programs provide for a major concentration within a special field of knowledge suitable for teaching at the various school levels. The programs prepare a student to meet the certification requirements of the Professional Standards Commission of the State of Georgia.

The College of Arts and Sciences, through its Graduate Studies division, offers graduate degrees and programs in numerous fields. The university publishes a graduate catalog that includes complete descriptions of all of the graduate programs offered at Georgia State University (available online through the Office of the Registrar website: enrollment.gsu.edu/catalogs/).

Faculty from throughout the college and university collaborate on research and service activities through a variety of interdisciplinary ventures. Additional information on the interdisciplinary centers and programs based in and affiliated with the College of Arts and Sciences is available at cas.gsu.edu/faculty-research/interdisciplinary-research-service-centers/.

Office of the Dean

25th floor, 25 Park Place Building
404/413-5114
cas.gsu.edu

William J. Long, Dean
Jonathan Gayles, Associate Dean for Undergraduate Learning
Pearl McHaney, Associate Dean for the Fine Arts
Yi Pan, Interim Associate Dean and Interim Chair of Biology
Donald Reitzes, Associate Dean for the Social and Behavioral Sciences
MaryAnn Romski, Associate Dean for Research and Graduate Studies

Binghe Wang, Associate Dean for the Natural and Computational Sciences
Carol Winkler, Associate Dean for the Humanities
John Medlock, Assistant Dean for Academic Services
Fred Mote, Assistant Dean for Administration and Finance

Accreditation

In the College of Arts and Sciences, the Ernest G. Welch School of Art and Design is accredited by the National Association of Schools of Art and Design, the School of Music by the National Association of Schools of Music, the Department of Chemistry by the American Chemical Society, the Heritage Preservation Program in the Department of History by the National Council for Preservation Education, the programs in secondary education by the National Council for Accreditation of Teacher Education, and the graduate program in psychology by the American Psychological Association.

Degrees Offered

Undergraduate degree and certificate programs are offered through the Departments of African-American Studies, Anthropology, Applied Linguistics and English as a Second Language, Biology, Chemistry, Communication, Computer Science, English, Geosciences, History, Mathematics and Statistics, World Languages and Cultures, Neuroscience Institute, Philosophy, Physics and Astronomy, Political Science, Psychology, Religious Studies, and Sociology; the Schools of Art and Design and Music; and the Gerontology, Middle East, and Women's, Gender and Sexuality Studies Institutes.

In addition, undergraduate degree programs in secondary education for teachers of preschool through twelfth grade in art, foreign languages, and music are offered through the College of Arts and Sciences. For application procedures and eligibility requirements, please refer to the "Teacher Preparation Programs" chapter of this catalog.

Bachelor of Arts (B.A.)

African-American Studies, Anthropology, Applied Linguistics, Art, English, Film and Video, French, Geosciences, German, History, Journalism, Philosophy, Political Science, Psychology, Religious Studies, Sociology, Spanish, Speech, Women's, Gender, and Sexuality Studies

Bachelor of Science (B.S.)

Biological Sciences, Chemistry, Computer Science, Geosciences, Mathematics, Music Management, Neuroscience, Physics, Psychology

Bachelor of Fine Arts (B.F.A.)

Art Education, Studio

Bachelor of Music (B.Mu.)

Music

Bachelor of Interdisciplinary Studies (B.I.S.)

Arts Administration–Speech/Theatre, Asian Studies, Classical Studies, Environmental Science, Game Design and Development, International Studies, Italian Studies, Law and Society, Media Entrepreneurship, Middle East Studies, Theatre, Student-Planned. See section 3030.50 below.

Undergraduate Certificates

Geographic Information Science, Gerontology, Teaching English as a Foreign Language

3010.10 Academic Resources and Services

Cartography Production Laboratory

340 Kell Hall
404/413-5750
geosciences.gsu.edu

The Cartography Production Laboratory, located in the Department of Geosciences, offers mapping and graphic services for the university community. Students have the opportunity to design and produce cartographic materials as an extension of the educational program in cartography offered by the Department of Geosciences. In addition to the Cartography Production Laboratory, the department maintains a Geographic Information Systems facility offering GIS services for the university.

Computer Science Tutoring Center

7th floor, 25 Park Place Bldg.
404/413-5700
www.cs.gsu.edu/?q=tutoring

The Computer Science Tutoring Center supports undergraduate instruction programs by providing tutorial assistance to students who are taking 2000/3000-level major courses in the Department of Computer Science.

Creative Media Center

460 Art and Humanities Building
404/413-5278
www.cmc.gsu.edu

The Welch School of Art and Design's Creative Media Center offers access to cutting-edge digital technology for students who are currently enrolled in courses within the Ernest G. Welch School of Art & Design. The CMC offers an array of Macintosh computer workstations and functions as both a digital classroom and computer laboratory, offering Open Lab access during scheduled times. The CMC includes specialized input and output computer hardware for print, sound and video, as well as many industry-standard design and imaging software packages.

Digital Arts Entertainment Laboratory

First floor, One Park Place South
404/413-5682
http://www.daelab.com/

The Department of Communication's Digital Arts Entertainment Laboratory (DAEL) provides access to a wide range of multimedia digital and video production and editing equipment, for use by faculty and students in advanced media production courses. Students seeking wider access to equipment and training should also consider contacting the Digital Aquarium, which provides a number of free services given the support it received from the student Technology Fee.

ESL Tutoring

Library North 2

www.library.gsu.edu/learningcommons

The Department of Applied Linguistics and English as a Second Language and the Intensive English Program offer ESL tutoring for GSU students. ESL tutoring provides students an opportunity to receive expert assistance in improving their written and oral English skills. Check the ESL Tutoring Schedule at the Research Support Desk on Library North 2 for walk-in appointment times.

James M. Cox, Jr. New Media Instructional

307 Classroom South Building
404/413-5600

The Department of Communication's James M. Cox, Jr., New Media Instructional Lab provides access to a computer-networked facility with 22 workstations. News writing and desktop publishing courses are enhanced through the use of interactive communication between instructors and students. A satellite downlink transmits CNN NewsSource and other national and international video feeds to students who write, edit, and package their own news stories.

Journalism Writing Lab

832 Twenty Five Park Place
404/413-5600

The Department of Communication's Journalism Writing Laboratory provides tutorial support to students enrolled in journalism classes who wish assistance in improving their professional writing skills (including feedback on draft news reporting, public relations projects, and other related writing skills connected to media distribution. The lab is open during business hours on an open-access basis.

Language Acquisition and Resource Center

128 Langdale Hall

404/413-5987
wlc.gsu.edu/home/language-resources/language-acquisition-resource-center-larc/

The Language Acquisition and Resource Center (LARC) promotes the development of the student's foreign language skills and provides added cultural and literary knowledge. The LARC offers a wide range of multimedia and audiovisual materials, including an international video collection, 50-station digital language computer lab, the most up-to-date instructional computer software available, and many other resources. A tutorial support program for students in elementary and intermediate language courses is also available.

Mathematics Assistance Complex

122 Kell Hall
404/413-6462
www2.gsu.edu/~matdxh/

The Mathematics Assistance Complex supports undergraduate instruction programs by providing tutorial assistance to students who are taking lower-division courses in mathematics and statistics in the Department of Mathematics and Statistics.

The Mathematics Interactive Learning Environment

301 Urban Life Building
404/463-2780
www3cas.gsu.edu/~themile

Commons MILE
University Commons Complex
141 Piedmont Ave
404/413-5978

The Mathematics Interactive Learning Environment (The MILE) is designed to support and promote the development of the undergraduate student's mathematics skill and knowledge by accommodating diverse student learning styles and building student confidence and success in early mathematics courses. The MILE provides student-centered, computer-assisted, self-paced tutorials that include streaming video lectures, tutorial exercises and "just-in-time" assistance by faculty, graduate and undergraduate assistants.

Military Science Leadership Lab

ROTC Leadership laboratory meets every Thursday for 3 hours from 1 to 4 p.m. and focuses on key leadership theory and skills. In addition, we integrate our classroom instruction and individualized leadership training and assessment. Major areas encompass leadership theory and application in problem solving, small group interaction, goal setting and accomplishment, and decision making. We focus on developing today's best and brightest into tomorrow's leaders, focusing on confidence, mental agility, sound judgment and getting results. As they progress through the ROTC Leadership Lab, they gain self confidence through practical application of leader skills. There will be some mandatory weekend events and one weekend field training exercise during each semester. Major areas of instruction include

professional officership, leadership values and ethics, and communication skills.

Music Media Center

400 Haas Howell Building
404/413-5903

The School of Music's Music Media Center provides students with a valuable resource for music study through the use of the Bobbie Bailey Technology Classroom, consisting of 18 workstations that facilitate the art of music composition, a multi-media seminar room, and the Charles Thomas Wurm Circulation area with access to 16 listening-keyboard computer workstations.

Visual Resource Center

520 Art and Humanities Building
404/413-5233

The Ernest G. Welch School of Art and Design's Visual Resource Center has a large collection of art and architecture slides, print, and digital media covering all phases of art history. The collection is used extensively for instruction and learning by university faculty and students as well as visual arts professionals throughout the region. The university subscribes to ArtStor Digital Library a database of more than 1.4 million images in the arts, architecture, humanities, and sciences from outstanding museums, photo archives, photographers, scholars, and artists.

Writing Studio

23rd Floor, 25 Park Place Bldg.
www.writingstudio.gsu.edu/
404/413-5840

The Writing Studio offers space for conversation, coffee, and writers, by creating a welcoming community for undergraduate and graduate students to practice the art of writing. Its purpose is to enhance the writing instruction that happens in academic classrooms by pairing writers with an experienced Reader. Readers, Graduate Assistants in the department of English, engage student writers in talk about their writing assignments and ideas, and familiarize them with audience expectations and academic genre conventions. We focus on invention (coming up with ideas), drafting (expanding ideas and supporting arguments), and arrangement (figuring out the best structure and organization for a text). Readers focus on the rhetorical aspects of the student text, and provide one-on-one, student-centered teaching of works-in-progress. The Writing Studio does not provide editorial or proofreading services. Readers will not write on student papers or in any way "correct" a student text. Students may work on course assignments or application materials for graduate and professional programs and scholarships. The Writing Studio is open only to currently enrolled students and recent alumni. The Studio is open the second week of each semester and closes the last Thursday before the end of classes. The Studio is closed between terms and for all university holidays. Students are welcome to drop in without appointments. More information is located on the website.

3020 College Academic Regulations

The requirements for entrance into Georgia State University are found in the section of this catalog devoted to undergraduate admissions. A transfer student must comply with all academic regulations of the university. The College of Arts and Sciences reserves the right to validate by examination any credits accepted by transfer. This provision in no way affects the acceptance of courses used to satisfy core curriculum requirements at another unit of the University System of Georgia.

Students holding a baccalaureate degree from an accredited college or university who wish to complete another undergraduate degree are urged to clear all requirements with an adviser in the Office of Academic Assistance.

Grades of C in Major/Minor

Courses in the major require a grade of C or higher. Courses in the minor chosen within or outside the College, require a grade of C or higher.

Credit by Examination

A maximum of 18 semester hours of degree credit may be granted before or after matriculation to a student who receives satisfactory scores on certain subject examinations of the College Level Examination Program of the College Entrance Examination Board. The student should consult the appropriate department or school or the Office of Academic Assistance for further information.

The College of Arts and Sciences follows university guidelines for the acceptance of credit by examination. See section 1320.40 Credit by Examination for specific course equivalencies. Credit awarded by the academic departments within the College of Arts and Sciences does not apply toward the academic residence requirement.

Credit for Transient Work

Arts and Sciences students who wish to take course work at another institution, whether as a full-time or as a part-time student, must have prior written approval from the Office of Academic Assistance if they wish to apply the credit hours to a degree program. Failure to obtain the required prior approval will prevent the acceptance of such credits. Approval will be granted for no more than two terms of work and only if the student is in good academic standing at Georgia State University. No approval of requests to take courses in Atlanta-area colleges will be granted if the course is readily available from Georgia State offerings. During the term in which the student is scheduled to graduate, all courses must be taken at Georgia State unless prior written approval has been obtained from the Office of Academic Assistance. The acceptance and application of all course work taken as a transient student is subject to any limitations imposed by the student's major department, school, or program of study.

Please consult the "Academic Regulations" section of this catalog for further clarification in regard to transient credit.

Credit for Veteran's Service

University students who are veterans of any service, active, reserve, or National Guard, or who have attended a service academy, may receive advanced placement in the Department of Military Science and Leadership (ROTC).

Course 4999 – Directed Readings

Course 4999, Directed Readings, in any department/school/institute that offers a major in the College of Arts and Sciences is designed to assist seniors who are within two terms of graduation and who have curriculum difficulties in fulfilling the requirements necessary for graduation. One to four credit hours may be earned. The supervising professor, the departmental chair/school director, and the dean of the college must approve registration for the course. Forms for Course 4999 must be completed at the time of regular registration for the term in which the credit is to be earned and can be obtained through department/school offices or the college's Office of Academic Assistance.

Policy on Allowing Undergraduates to Take Graduate Courses

Under one of the following conditions, an undergraduate student may be permitted to take a graduate course:

1. Dual Degree Enrollment: The student has been formally accepted into an official university dual degree program that links an undergraduate degree program with a graduate degree program. Students in dual degree programs are granted permission to enroll in specified graduate courses when they reach a designated program milestone. Students who are accepted into the affiliated graduate program upon completion of the undergraduate degree may count specified course work toward fulfillment of the graduate degree requirements. A current listing of official undergraduate/graduate dual degree programs is available at cas.gsu.edu/dual-degrees/.

2. College Approval of Enrollment: The dean's office of the college will determine a student's eligibility for admission into a graduate course. To be eligible, an undergraduate student generally must have a cumulative grade-point average of 3.5 or higher and be within 18 semester hours of graduation, and be enrolled in an undergraduate degree program. Eligibility does not guarantee permission to take a course. Once a student's eligibility is determined, permission must be granted by the instructor for the course, the department's/school's director of graduate studies, the chair/director of the department/school offering the course, and the Associate Dean of Graduate Studies in the College of Arts and Sciences. The request form is located at cas.gsu.edu/dual-degrees/. Please note, graduate courses taken by an undergraduate student cannot be applied toward fulfillment of graduate degree requirements unless the student has been formally accepted into an official university dual degree program.

(This approval process does not apply to postbaccalaureate students. Postbaccalaureate students wishing to take graduate courses must be admitted as non-degree seeking students.
See cas.gsu.edu/graduate-studies/admissions/non-degree/ for additional information.)

3030 College Degree Requirements

3030.10 Foreign Language Requirement for B.A./B.I.S. Majors

The College of Arts and Sciences requires the completion of a foreign language at the 1002 **or 1101** level for all students seeking a Bachelor of Arts degree or a Bachelor of Interdisciplinary Studies degree. This requirement can be met by one of the following options: 1.) taking a course numbered 1002, **1101**, or higher, 2.) Taking the CLEP exam in French, German, or Spanish for credit at the 2001 and 2002 level, or 3.) Taking the SAT II exam in Chinese, Japanese, or Korean and receiving at least the equivalent of a grade of "C" (73% of the highest possible exam score). For more information about the exams please contact the Counseling and Testing Center at (404) 413-1740.

The foreign language requirement for students enrolled in the Bachelor of Arts and the Bachelor of Interdisciplinary Studies programs is most commonly included in core curriculum Area F (Courses Appropriate to the Major); however, programs may also require students to complete foreign language courses in Area G, the 60 semester hours beyond the core curriculum. Students transferring to Georgia State with a completed core curriculum Area F, yet without sufficient course work to meet a program's foreign language requirement, will be required to fulfill the necessary courses in the second 60 semester hours. Students who take a language course in Area C and subsequently declare a major in a program leading to a Bachelor of Arts and the Bachelor of Interdisciplinary Studies will find that the language course no longer counts in Area C but in Area F or Area G. For this reason, the college recommends that students in the Bachelor of Arts and the Bachelor of Interdisciplinary Studies programs not include a foreign language course in core curriculum Area C (Fine Arts and Humanities). Students who would like to begin a new foreign language, or to take a second foreign language, should consult a program adviser concerning the possibility of earning credit for the first semester of elementary foreign language (1001) in either core curriculum Area F or in the second 60 hours.

3030.30 Bachelor of Interdisciplinary Studies

The Bachelor of Interdisciplinary Studies degree provides educational opportunities not available through the existing, traditional degree programs. The purpose of the program is to offer students an avenue by which they may take advantage of the rich offerings available in the several colleges at the university. An individual student, in consultation with a faculty adviser, may tailor a program of study that meets his or her particular educational needs, desires, and interests.

A student can pursue either a college-planned or a student-planned interdisciplinary program. The established college-planned programs address the needs of many students interested in a multidisciplinary, non-traditional education. Existing areas of concentration include Arts Administration-Speech/Theatre, Asian Studies, Classical Studies, Environmental Science, Game Design and Development, International Studies, Italian Studies, Law and Society, Media Entrepreneurship, Middle East Studies, and Theatre. Information about the B.I.S. program, including program options and the application process, is available from the college's Office of Academic Assistance, 418 Langdale Hall, 404/413-5000.

Purpose

The Bachelor of Interdisciplinary Studies degree provides educational opportunities not readily available

through traditional departmental degree programs. Students have flexibility in developing a course of study appropriate to their goals by selecting courses from several departments/schools/institutes in the College of Arts and Sciences. Students may also include courses from other colleges of this university in their interdisciplinary program.

It is not the function of the interdisciplinary program to pull together an assortment of course work as a last-minute effort to facilitate a student's graduation. A proposal should be planned by the time a student has earned 42 credit hours and should reflect a logical, consistent course of study that is based on acceptable and germane student objectives.

Program Admission

Applicants to the Bachelor of Interdisciplinary Studies program must satisfy the admission requirements for Georgia State University and, in addition, must have a Georgia State cumulative grade-point average of 2.0. Matriculation into the program can occur only after the B.I.S. Council approves a student's program of study. There is a special application procedure for this degree program and faculty advisement is a mandatory component of this process.

Program Degree Requirements

There are two options in the Bachelor of Interdisciplinary Studies program, the student-planned option and the college-planned option. Descriptions are listed below.

No more than 12 hours of the requirements in an area of concentration (Area G), and no more than 6 hours of the requirements in an allied field (Area H), may be taken from the offerings of any single discipline in the university. Courses in the area of concentration (Area G) and allied field (Area H) must be at the 3000-4000 level. Also, a grade of C or higher is required in all courses in the area of concentration (Area G) and allied field (Area H). Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation. The last 27 semester hours prior to graduation must be completed while formally enrolled in the program.

Option One: Bachelor of Interdisciplinary Studies Student-Planned Program

Students may choose the option to propose their own program of study for approval by the B.I.S. Council responsible for the oversight of the degree. Students may select their proposed courses from any college in the university, as long as at least 50 percent of the hours in the program are chosen from courses in the College of Arts and Sciences. Students should have their proposed student-planned programs reviewed by the B.I.S. Council by the time they have earned 42 hours.

To gain approval into the program, students must articulate a reasonable and educationally justifiable course of study. Proposed interdisciplinary degree programs cannot resemble current programs offered at the university. Students interested in initiating the application process must first schedule an appointment with an academic adviser in the Office of Academic Assistance (404/413-5000). Students must also select an appropriate faculty adviser to provide guidance in developing the interdisciplinary program.

Course of Study Outline for Student-Planned Programs:

Areas A-E: Core Curriculum (42)

All undergraduate students satisfy a common core curriculum. These requirements are printed in the "Academic Regulations" section of this catalog.

Area F: Courses Appropriate to the Major Field (18)

Courses in this area should be included in the program proposal. The courses selected for this area must be at the lower-division level and judged to be programmatically appropriate to the intent of the proposed program. Foreign Language 1002 must be included in Area F of all student-planned programs, except for those in science.

Area G: Area of Concentration (similar to a traditional major area, except interdisciplinary in content).

Area H: Allied Field (similar to a minor, except interdisciplinary in content).

Area J: Electives

When developing a student-planned program, the student may choose one of the following structures:

Program Plan Structure One: An area of concentration (27-33 semester hours) with an allied field (15-21 semester hours) and electives (6-18 semester hours).

Program Plan Structure Two: An area of concentration (27-33 semester hours) with two allied fields (15-21 semester hours each).

Program Plan Structure Three: Two areas of concentration (27-33 semester hours each).

Option Two: Bachelor of Interdisciplinary Studies College-Planned Programs

Students may choose a program designed by the College as follows: Arts Administration–Speech/Theatre, Asian Studies, Classical Studies, Environmental Science, International Studies, Italian Studies, Law and Society, Middle East Studies, and Theatre. For information about the college-planned programs, see the alphabetical list of majors later in this chapter of this catalog. Environmental Science has specific core curriculum requirements listed.

3030.40 The Interdisciplinary Minor

The interdisciplinary minor provides educational opportunities not otherwise available and allows students the flexibility to select courses for the minor from several departments/schools/colleges at the university. Students must propose their interdisciplinary minor of 15-18 hours for approval by the Bachelor of Interdisciplinary Studies Advisory Council. A proposal must identify the way in which the minor fits into the context of the student's entire degree program. To gain approval, students must articulate a reasonable and educationally justifiable course of study and must keep in mind that this course of study may not duplicate what is currently available. Students can choose to pursue either a college-planned or a student-planned interdisciplinary minor.

The following requirements apply to the interdisciplinary minor:

1. The student must have a Georgia State University cumulative grade-point average of 2.0;
2. All courses included must be at the 3000 level or above;
3. No more than six hours may be taken in any one department or school and courses cannot be from the major area;
4. A grade of "C" or better is required in all minor courses; and
5. At least 50 percent of the minor must be completed after the semester in which the B.I.S. Advisory Council approves the minor program plan.

Students should contact the Office of Academic Assistance at 404/413-5000 for information on the application procedure. Guidelines for college-planned interdisciplinary minors in Advanced Leadership and Management, Chinese Studies, Entertainment Media Management, Game Design and Development, Gerontology, Jewish Studies, Language Studies, Latin American Studies, and Middle East Studies are also available.

3040 Office of Academic Assistance

418 Langdale Hall
404/413-5000
cas.gsu.edu/undergraduate/student-advising/

Associate Director: Linda P. King
Assistant Director: Rene Mondy
Academic Advisors: Eric Brown, Ramona Howard, Andreea Johnson, Linda King, Stephen Mendenhall, Rene Mondy, Justin Thompson, Kayla Williams, Whitney Williams
Department-based Academic Advisors: Jamie Hayes, Jerria McCoy, Tenagne Mulugeta

The Office of Academic Assistance supports departments and schools in providing academic advisement for students in the college, primarily those who have earned 90 hours. (Students with fewer than 90 hours are advised through the University Advisement Center.) This office also works with students on career development and on marketing a liberal arts background in the current job environment. The Office of Academic Assistance prepares evaluations of transfer work done at other institutions as well as academic program reviews for each major offered through the college. It also assists with course selections and schedule revisions and provides information concerning college and university policies. Students are advised on an appointment basis, or they may come by the Academic Assistance office at any time during office hours for brief consultations. During the academic year, the office is open until 6 p.m. on Tuesday and Wednesday and until 5:15 p.m. on Monday, Thursday and Friday. Students seeking a degree in the College of Arts and Sciences should become familiar with the academic regulations of the university stated elsewhere in this catalog.

Academic Advisement for Majors

Although the College of Arts and Sciences will endeavor to provide timely and accurate advisement, it is the responsibility of the student to know and to satisfy the degree requirements of his or her academic program.

The College of Arts and Sciences encourages its majors to build relationships with the undergraduate support personnel in their major departments/schools/institutes. This position reflects the belief that a strong undergraduate program is possible only if there are frequent opportunities for students to discuss their academic work and career goals with one of their major professors. In a large urban institution such as Georgia State University, contact is essential if students are to receive individual attention and enjoy the full benefits of a liberal arts education. A list of undergraduate directors and coordinators is available on the Arts and Sciences website at cas.gsu.edu.

Major Maps

The College of Arts and Sciences provides major maps for each program at cas.gsu.edu/major-maps/. Major Maps give undergraduates a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

3050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the College of Arts and Sciences will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance/ for details.

3060 Departments, Schools and Institutes

Department	Main Office	Catalog Sections
Department of African-American Studies	962 One Park Place South; 404-413-5135	3090
Department of Anthropology	335 Sparks Hall; 404-413-5156	3100
Department of Applied Linguistics and English as a Second Language	15th Floor, 25 Park Place; 404-413-5200	3110, 3230
Ernest G. Welch School of Art and Design	117 Arts and Humanities; 404-413-5221	3130, 3550
Department of Biology	495 Petit Science Center; 404-413-5300	3170, 3240
Department of Chemistry	380 Petit Science Center; 404-413-5500	3180
Department of Communication	8th Floor, 25 Park Place; 404-413-5600	3270, 3380, 3540, 3560
Department of Computer Science	7th Floor, 25 Park Place; 404-413-5700	3210
Creative Media Industries Institute		3235, 3285, 3415
Department of English	23rd Floor, 25 Park Place; 404-413-5800	3220
Department of Geosciences	340 Kell Hall; 404-413-5750	3290
Gerontology Institute	605 One Park Place; 404-413-5210	3310
Global Studies Institute	17th floor, 25 Park Place	
Department of History	20th floor, 25 Park Place; 404-413-6385	3320, 3340, 3480
Department of Mathematics and Statistics	750 College of Education Building; 404-413-6400	3410
School of Music	Haas-Howell, Suite 500; 404-413-5900	3440, 3550
Neuroscience Institute	800 Petit Science Center; 404-413-5445	3445
Department of Philosophy	16th floor, 25 Park Place; 404-413-6100	3250, 3450, 3480
Department of Physics and Astronomy	6th Floor, 25 Park Place; 404-413-4033	3160, 3460, 3550
Department of Political Science	1005 Langdale Hall; 404-413-6159	3400, 3470, 3480
Department of Psychology	11th floor, Urban Life; 404-413-6200	3500
Department of Religious Studies	34 Peachtree Street, 11th floor; 404-413-6110	3510
Department of Sociology	1041 Langdale Hall; 404-413-6500	3520
Institute for Women's, Gender, and Sexuality Studies	10th Floor Urban Life; 404-413-6587	3570
World Languages and Cultures	841 Langdale Hall; 404-413-5980	3120, 3150, 3185, 3280, 3300, 3350, 3360, 3370, 3390, 3420, 3530, 3550

3090 African-American Studies

Programs Offered:

- **Bachelor of Arts in African-American Studies**
  - **Concentration in Humanities**
  - **Concentration in Social/Behavioral Science**
  - **Concentration in Pre-Education**
- **Minor in African American Studies**

Department of African-American Studies
962 One Park Place South
404/413-5135
aas.gsu.edu

Akinyele Umoja, Chair
Makungu Akinyela, Undergraduate Director

African-American Studies offers an interdisciplinary approach to the study of African people nationally and globally. The field recognizes that the lived experience of African and African descendant peoples world wide are impacted by a myriad of factors including cultural diversity, emerging technologies, and political economy. As an interdisciplinary field of concentration, it offers, enhances, and critiques knowledge presented in the traditional disciplines and professions, scholarly and artistic accounts of the realities of the lives of African-Americans, and perspectives on social change. The Department of African-American Studies provides students with the intellectual origins, concepts, research, and models of the discipline; the knowledge and skills necessary for the study of group cultures; and a curriculum that contributes to the goals of African-American Studies and a culturally diverse education. Civic engagement, service learning, and a social justice orientation are fundamental aspects to the African-American Studies curriculum. Faculty and courses are drawn from the department itself and from other departments/schools/institutes in the university.

Visit the major maps for this program at cas.gsu.edu/major/african-american-studies/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

Alternatives are available to some core and major requirements. Please see a degree program adviser for specific guidelines.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in African-American Studies

Area F: Courses Appropriate to the Major Field (18)

1. Required Courses (12)

    - AAS 1140 Introduction to African and African-American History and Culture (3)
    - AAS 2010 Introduction to African-American Studies (3)
    - AH 1850 Survey of Art III: Art of Africa, Oceania, and the Americas (3)
    - SOCI 1160 Introduction to Social Problems (3)
2. Foreign Language (3)
    - Lang 1002 Elementary II (3)
3. Select one additional course from the following (3):
    - ANTH 2020, ECON 2105, ECON 2106, GEOG 1101, HIST 1111, HIST 1112, PHIL 2010 , POLS 2401, PSYC 1101, PSYC 2040, PSYC 2103, SOCI 1101, WGSS 2010

Area G: Major Courses (33)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (6)
    - AAS 3980 Research Methods in African-American Studies-CTW (3)
    - AAS 4980 Seminar and Practicum in African-American Studies-CTW (3)
2. Major Requirements (9)
    - AAS 3120 African Diaspora (3)
    - AAS 3975 Concepts and Theories in African-American Studies (3)
    - AAS 4120 African American Political Thought
3. Literature Course: Select one course (3)
    - AAS 3880 African-American Literature (3)
    - AAS 3960 African-American Literature by Women (3)
    - AAS 4890 Caribbean Literature (3)
4. A minimum of 15 hours must be taken from African-American Studies courses at 3000-4000 level which must include: three courses from one of the two areas (Humanities and Social/Behavioral Sciences) of concentration and two courses from the remaining areas of concentration.

Humanities Concentration

- AAS 3080 Issues in African-American Philosophy (3)
- AAS 3450 History of African-Americans in Georgia (3)
- AAS 3500 Jazz History (3)
- AAS 3810 History of African-American Music (3)
- AAS 3880 African-American Literature (3)
- AAS 3955 Language in the African-American Community (3)
- AAS 3960 African-American Literature by Women (3)
- AAS 4125 Black Feminist Thought (3)
- AAS 4230 Religions of the African World (3)
- AAS 4250 African-American Religion (3)
- AAS 4300 African Art (3)
- AAS 4310 Art of Ancient Egypt and Nubia (3)
- AAS 4320 African-American Art (3)
- AAS 4350 Black Visual Representation: The Iconography of the African Diaspora (3)
- AAS 4360 Studies in Black Dance (3)
- AAS 4600 Enslavement and Resistance in North America (3)

- AAS 4620 Enslavement in the Americas (3)
- AAS 4625 The Black Mecca and Black Popular Culture (3)
- AAS 4640 African-American People (4)
- AAS 4650 African-American Theatre (3)
- AAS 4660 African-American Women (4)
- AAS 4750 African-American Ethical and Legal Issues (3)
- AAS 4760 Eastern Africa and the Horn of Africa (4)
- AAS 4765 Central and Southern Africa (4)
- AAS 4770 Western Africa (4)
- AAS 4772 Women in Africa (3)
- AAS 4774 African Rebellions (3)
- AAS 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery (4)
- AAS 4890 Caribbean Literature (3)
- AAS 4950 African-American Popular Culture (3)

Social/Behavioral Science Concentration

- AAS 3000 African-American Family (3)
- AAS 3050 Introduction to African-American Psychology (3)
- AAS 3070 African Americans in the Criminal Justice System (3)
- AAS 3240 Peoples and Cultures of Africa (3)
- AAS 3980 Research Methods in African-American Studies-CTW (3)
- AAS 4000 Issues in the African-American Community (3)
- AAS 4030 African-American Male/Female Relationships (3)
- AAS 4080 African-American Female Activism (3)
- AAS 4100 African-American Women in the United States (3)
- AAS 4160 African-American Politics (3)
- AAS 4180 Politics of the Civil Rights Movement (3)
- AAS 4280 African-American Anthropology (3)
- AAS 4400 Geography of Africa (3)
- AAS 4530 Voices of African-American Feminists (3)
- AAS 4670 Black Education in the American South (3)
- AAS 4780 African-American Lesbian and Gay Activism (3)
- AAS 4900 African-Americans in Film (4)

Pre-Education Concentration

The Department of African-American Studies offers a pre-education track with a concentration in history for students who wish to become public school teachers and to be certified to teach by completing the initial teacher preparation for the M.A.T. Program in Social Studies Education in the College of Education and Human Development (or a similar master's level initial preparation program at another university). The pre-education track in African-American studies develops teachers to work effectively in multi-cultural classrooms. The pre-education track in African-American Studies prepares teachers to teach students from diverse ethnic, gender, cultural, and social class groups by offering curricula that examine the histories and experiences of people of African descent and aspects of cultural identity formation in the U.S., Africa, and the Caribbean. This track also prepares educators to develop their students to be citizens of a global community. Students who wish to pursue the pre-education track in African-American studies must take

ten designated upper-division major courses (33 credit hours) and complete the course work in two or more of the following allied fields: political science (9), geography (9), economics (9), and education(9).

1. Required Courses to fulfill CTW requirement (6)
    - AAS 3980 Research Methods in African-American Studies-CTW (3)
2. Additional Courses (27):
    - AAS 3975 Concepts and Theories in African-American Studies (3)
    - AAS 3450 History of African Americans in Georgia (3)
    - AAS 4640/HIST 4270 African-American People (4)
    - AAS 4600/HIST 4280 Enslavement and Resistance in North America (3)
    - AAS 4620/HIST 4290 Enslavement in the Americas (3)
    - AAS 4772/HIST 4772/WGSS 4772 Women in Africa (3)
    - AAS 4774/HIST 4774 African Rebellions (3)
    - HIST 3000 Introduction to Historical Studies-CTW (4)
    - HIST 3220 United States in the Twentieth Century (4)

Total Number of Hours: 33

Allied Fields (18)

Select two or more out of the following fields:

- Political Science (9) (3000-4000 level courses)
- Geography (9) (3000-4000 level courses)
- Economics (9) (3000-4000 level courses)
- Education (Required: EXC 4020; along with two of the following: LT 3210, EDCI 3200, EDUC 3010, EDUC 4982, EDSS 3400, and EDLA 3200) (9)
- One Behavioral Sciences field: Anthropology, Sociology, or Psychology (9) (3000-4000 level courses)

Area H: Minor and Additional Courses

Students majoring in African-American Studies:

1. Are not required to take a minor.
2. Must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010.

Minor in African-American Studies

Students who wish to minor in African-American Studies should complete the following requirements (15). A grade of C or higher is required in all minor courses.

1. Complete the following three courses (9)
    - AAS 2010 Introduction to African-American Studies (3)
    - AAS 3120 African Diaspora (3)
    - AAS 4120 African-American Political Thought (3)

2. Select two African-American Studies courses at the 3000 level or above (6).

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3100 Anthropology

Programs Offered:

- **Bachelor of Arts in Anthropology**
- **Minor in Anthropology**

Department of Anthropology
335 Sparks Hall
404/413-5156
anthropology.gsu.edu

Kathryn A. Kozaitis, Chair
Cassandra White, Director of Undergraduate Studies

Anthropology, the study of humans, provides students with a perspective on the nature of humankind over time and in different environments. It is concerned with humans as biological beings (biological anthropology), with prehistory and cultural evolution (archaeology), and with how humans order their worlds socially and culturally (social/cultural anthropology), as well as with the nature of human language (linguistic anthropology). The Department of Anthropology offers a Bachelor of Arts degree in Anthropology. Undergraduate majors are encouraged to take a wide range of courses in archaeology, biological anthropology, cultural anthropology, and linguistic anthropology. Anthropologists are frequently teachers and/or researchers in colleges and universities, or, alternatively, they work for public and private agencies. Within these areas, they may be specifically concerned with historic or cultural resource preservation or cross-cultural competencies in such areas as medicine, community development, education, tourism, business, and other specialties.

Visit the major maps for this program at cas.gsu.edu/major/anthropology/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Financial Information

No additional expenses are needed to complete this degree program. Some special courses that travel away from campus, such as ANTH 4550 Field School in Anthropology, will have additional costs. The department offers two endowed scholarships for undergraduate majors: the Robert L. Blakeley Endowed Scholarship in Anthropology and the Jeremy D. Gillen Endowed Memorial Scholarship in Anthropology.

Program Academic Regulations

Students must earn a grade of C or better in any courses required for Areas F and G. A grade of C or higher is also required in all courses counting toward an Anthropology minor.

Program Degree Requirements

Alternatives are available to some core and major requirements. Please see the Director of Undergraduate Studies for specific guidelines.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Anthropology

Area F: Courses Appropriate to the Major Field (18)

1. Required Courses (12)
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - ANTH 2030 Archaeology and Prehistory (3)
    - Lang 2001 Intermediate Foreign Language (3)
2. Choose two total from the following five courses. You may choose one or both of from the first set: (6)
    - MATH 1070 Elementary Statistics (3)
    - HIST 1111 Survey of World History to 1500 (3)
    - But only one from this set:
    - AL 2101/FORL 2101 Introduction to Language (3)
    - AL 2101/FORL 2102 Languages of the World (3)
    - Lang 2002 Intermediate Foreign Language (3)
    - ANTH 2040 Introduction to Linguistic Anthropology (3)

Area G: Major Courses (27)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (6)
    - ANTH 4970 Senior Seminar in Anthropology-CTW (3) and
    - ANTH 3033 Anthropology of Violence-CTW (3) or
    - ANTH 4980 Selected Topics-CTW (3)
    - ANTH 4210 Anthropology of Europe-CTW (3)
2. Theory Course. Select one:
    - ANTH 4020 Anthropological Theory (4)
    - ANTH 4600 Archaeological Theory (4)
3. Methods Course. Select one (at least 3 hours)
    - ANTH 4070 Ethnobotany (3)
    - ANTH 4340 Applied Anthropology (3)
    - ANTH 4360 Methods and Theories in Biological Anthropology (3)
    - ANTH 4370 Forensic Anthropology (3)
    - ANTH 4480 Ethnographic Analysis (4)
    - ANTH 4550 Field School in Anthropology (4-8)
    - ANTH 4590 Archaeological Methods (4)
    - ANTH 4670 Methods in Sociocultural Anthropology (3)
4. Electives: Additional courses at the 3000 or 4000 level (at least 14 hours)

Area H: Minor and Additional Courses

1. Students majoring in anthropology are not required to take a minor.
2. Students majoring in anthropology must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010.

Minor in Anthropology

Students who wish to minor in anthropology should complete the following requirements (1 and 2). (at least 15 hours) A grade of C or higher is required in all courses counting toward the minor.

1. Select one course. (3)
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - ANTH 2020 Introduction to Cultural Anthropology (3)
    - ANTH 2030 Archaeology and Prehistory (3)
    - ANTH 2040 Introduction to Linguistic Anthropology (3)
2. Select four anthropology courses at the 3000 level or above (at least 12 hours).

Students taking more than 15 hours in courses in anthropology may count the additional hours toward their electives or may consider completing a double major.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3110 Applied Linguistics and English as a Second Language

Programs Offered:

- **Bachelor of Arts in Applied Linguistics**
- **Certificate in Teaching English as a Foreign Language**
- **Minor in Applied Linguistics**
- **ESL Credit-Bearing Courses**
- **Intensive English Program**
- **Dual B.A. / M.A. in Applied Linguistics**

Department of Applied Linguistics and English as a Second Language
15th Floor, 25 Park Place Building
404/413-5200
alesl.gsu.edu

Diane Belcher, Chair
Kris Acheson-Clair, Director of Undergraduate Studies

Applied linguistics is an interdisciplinary field that integrates many perspectives on the study of human language. Studying linguistics is not a matter of learning many different languages, but rather it is the study of the nature of language in general. Applied Linguistics is the study of language and communication in relation to real-world problems such as language acquisition and teaching, language assessment, language analysis on a large or small scale, improving intercultural communication, and understanding the relationship between language and social organization or behaviors.

The Department of Applied Linguistics and English as a Second Language offers 1) a B.A. degree in Applied Linguistics; 2) a minor in Applied Linguistics; 3) a certificate* in Teaching English as a Foreign Language (TEFL), 4) ESL credit-bearing courses for non-native speakers of English, and 5) Intensive English Program (IEP) courses for non-native speakers of English.

*NOTE: The TEFL certificate overlaps with and may be combined with either the major or the minor.

The major and minor in Applied Linguistics provide the opportunity for students to explore the field of linguistics from an interdisciplinary perspective.

The TEFL certificate program provides students with appropriate skills and a credential that will enable them to teach English as a foreign language abroad. Students majoring in any undergraduate program can earn the TEFL certificate. In addition, the certificate can be earned by any post baccalaureate student. TEFL certificate requirements consist of the following five courses: AL 3021, AL 3041, AL 3051, AL 3101, and AL 4161. AL 3021 is a prerequisite for AL 3041, AL 3051, and AL 4161. AL 2021 Intro to English Linguistics is a prerequisite to these courses, except for post-baccalaureate students, but students may be exempted from this requirement by taking a departmental exam. AL 3021 is the first course in the series, but may be taken in conjunction with AL 3051 and AL 3101. AL 4161 should be the last course taken, and AL 3051 is a prerequisite to this practicum course.

For information on credit-bearing ESL courses for non-native speakers of English and the Intensive English Program, see Sections 3230 (English as a Second Language) and 3330 (Intensive English Program).

Program Academic Regulations

Students must earn a grade of C or better in any courses required for Areas F and G. A grade of C or higher is also required in all courses counting toward an Applied Linguistics minor and/or the TEFL certificate.

Program Degree Requirements

Alternatives are available to some core and major requirements. Please see a degree program adviser for specific guidelines. In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Applied Linguistics

Area F: Courses Appropriate to the Major Field (18)

1. Required courses (6):
   Choose **two** of the following:

   - AL 2021 Introduction to English Linguistics (3)*
   - AL 2101 Introduction to Language (3)*
   - AL 2102 Languages of the World (3)
   - AL 2231 Understanding Miscommunication (3)
   - AL 2290 Introductory Special Topics in Applied Linguistics (3)
     *NOTE: Students may not count both AL 2021 and AL 2101 towards this requirement. Some 2000-level courses are prerequisites to upper-level AL courses. See GoSOLAR or an advisor for details.
2. The foreign language requirement for the degree is as follows.
   a. Students must complete foreign languages courses through level 2002 in one foreign language or demonstrate equivalent proficiency through examination (e.g., Advanced Placement, CLEP, or other approved examination procedures). American Sign Language may now be taken for your entire four-semester language series. ASL courses can be found in course listings under Exceptional Child (EXC).
   b. Students must complete at least one semester of a less commonly taught language (i.e., any language other than French, German, Latin, Spanish, or Italian) and are strongly encouraged to study a non-Indo-European language to fulfill this requirement. This requirement is in

addition to the 4 semester language series, unless the language studied through 2002 is a LCTL. NOTE: American Sign Language is considered a LTCL for the purposes of fulfilling this requirement.

- Lang 1001 Elementary Foreign Language I* (0-6)
- Lang 1002 Elementary Foreign Language II (0-3)
- Lang 2001 Intermediate Foreign Language I (0-3)
- Lang 2002 Intermediate Foreign Language II (0-3)

  *NOTE: A student may include foreign language study through course 1002 in area C; in this case additional electives may be taken in Area F to attain 18 credit hours.

3. Electives (0-12)*
   - Lang 1001 – 1002 Elementary Foreign Language I & II (3-6)
   - Lang 2001 – 2002 Intermediate Foreign Language I & II (3-6)
   - ANTH 1102 Introduction to Anthropology (3)
   - ANTH 2020 Introduction to Cultural Anthropology (3)
   - ECON 2100 Global Economy (3)
   - ENGL 2110 World Literature (3)
   - PHIL 2010 Introduction to Philosophy (3)
   - PSYC 1101 Introduction to General Psychology (3)
   - SPCH 1010 Voice and Articulation (3)
   - SPCH 2650 Interpersonal Communication (3)

     *NOTE: Students who complete their foreign language requirement through examination or use their FL courses in a minor must choose additional electives at the 1000-2000 level to reach 18 credit hours in Area F. Applied linguistics students are encouraged to study additional languages to fulfill these requirements.

Area G: Major Courses (30)

1. Students must complete AL 2021 or successfully pass the departmental placement test to enroll in AL 3021.
   - AL 3021/FORL 3021 Introduction to Linguistics (3)+
2. Required Courses to fulfill CTW requirement (6):
   AL 3031 is a prerequisite to AL 4151. AL 4241 may have other prerequisites, depending on its topic. Take AL 3031 and choose one additional CTW course (the other may be used as elective under #4 or #5 below).

   - AL 3031 Language in Society-CTW (3) and
   - AL 4151 Communication across Cultures-CTW (3) OR
   - AL 4241 Senior Seminar in Applied Linguistics-CTW (3)
3. Major Requirements (9):
   AL 3021 is a prerequisite to the courses in this area. Choose three (the fourth may be used as elective under #4 or #5 below).

   - AL 3041 Introduction to Second Language Acquisition (3)+
   - AL 4011 Phonetics and Phonology (3)
   - AL 4012 Morphology and Syntax (3)
   - AL 4111 Semantics and Pragmatics (3)
4. Additional Upper-Level Electives in the Department of Applied Linguistics and ESL. (9)

- AL 3051 Teaching English as a Foreign Language I: Methods and Approaches (3)+
- AL 3101 English Grammar in Use (3)+
- AL 4121 Historical Linguistics (3)
- AL 4131 Bilingualism (3)
- AL 4141 Special Topics (3) (may be repeated with different topics)
- AL 4161 Teaching English as a Foreign Language II: Practicum and Classroom Practices (3)+
- AL 4980 Internship (3) (may be repeated in different sites)
- AL 4985 Internship Abroad (3)
- AL 4999 Directed Reading (3)

  +NOTE: Students completing the five courses marked with a plus sign (+) will also receive the certificate in Teaching English as a Foreign Language.

5. One signature experience elective. Choose one course from the following. Other relevant electives inside or outside the department may be taken with departmental approval. (3)
   - AL 4980 Internship
   - AL 4985 Internship Abroad
   - Any 3xxx or 4xxx course taken while on study abroad or international exchange
   - Any Lang 3xxx or 4xxx Chosen from upper-level foreign language course (including American Sign Language)s in your foreign language
   - An extra AL CTW course (AL 3031, AL 4151, or AL 4241, not taken for requirements above)
   - An extra Linguistic Analysis elective (AL 3041, AL 4011, AL 4012, or AL 4011, not taken for requirements above)
   - An approved course in an allied field (see department for approval)

Area H: Minor and Additional Courses

1. Students majoring in applied linguistics are not required to take a minor.
2. Students majoring in applied linguistics must take additional courses as electives to complete a minimum of 120 total hours, exclusive of KH 1010, and 39 residency hours. Students are strongly encouraged to choose electives from the lists above in cognate disciplines such as Anthropology, Foreign Languages, Sociology, Speech Communication, Psychology, Philosophy, History, Religious Studies, English, Education, etc.

Minor Offerings

Students who wish to minor in applied linguistics should complete the following six requirements (15-18 hours). A grade of C or higher is required in all courses counting toward the minor. AL 3021/FORL 3021 Introduction to Linguistics is a prerequisite for all courses in 4-6. Students who wish to complete both a minor and a TEFL certificate may count some of the same courses toward requirements for both programs. The minor is 15-18 hours and the TEFL certificate is 15-18 hours; completed together they are 21-27 hours. See the departmental advisor for more information on this combined program of study.

1. Lang 1002 Beginning Foreign Language II (3)*
2. Any 2000 level AL/ForL course (3)
3. AL 3021/FORL 3021 Introduction to Linguistics (3) +
4. Select one course. (3)

    - AL 3041/FORL 3041 Introduction to Second Language Acquisition (3)
    - AL 4131/FORL 4131 Bilingualism (3)
5. Select one course. (3)
    - AL 4011/FORL 4011 Phonetics & Phonology (3)
    - AL 4012/FORL 4012 Morphology & Syntax (3)
6. Any 3000 or 4000 level AL/ForL course (3):
   *NOTE: The foreign language 1002 is waived if it is a requirement in the student's declared major.
   +NOTE: AL 202 Introduction to English Linguistics or a passing exemption exam score is now a prerequisite to AL 3021.

Dual B.A. / M.A. Program in Applied Linguistics

The department offers a dual Bachelor of Arts and Master of Arts in Applied Linguistics. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3120 Arabic

Program Offered:

- **Minor in Arabic Language and Literature**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair

Program Degree Requirements

Minor in Arabic Language and Literature

Students who wish to minor in Arabic must take 15-18 hours in Arabic language and literature, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives. No more than 3 hours may be taken in Arabic literature courses taught in English. A grade of C or higher is required in all courses counting toward the minor.

Current courses available for the minor include:

- ARBC 1001 Elementary Arabic I (4)
- ARBC 1002 Elementary Arabic II (4)
- ARBC 2001 Intermediate Arabic I (4)
- ARBC 2002 Intermediate Arabic II (4)
- ARBC 3001 Advanced Arabic (4)
- ARBC 3002 Advanced Arabic (4)
- ARBC 4501 Classical Arabic Lit & Culture (3)
- ARBC 4502 Modern Arabic Literature in Translation (3)
- ARBC 4503 The Qur'an as Literature (3)
- ARBC 4999 Directed Readings (1-6)

This minor is not intended for those who are fluent in written and spoken Arabic. Please see a program advisor before signing up for the Arabic minor.

3130 Art and Design

Programs Offered:

- **Bachelor of Arts in Art**
  - **Concentration in Art History**
  - **Concentration in Studio**
  - **Dual B.A. in Art (Art History Concentration) / M.A. in Art History**
- **Bachelor of Fine Arts in Art Education**
- **Bachelor of Fine Arts in Studio**
  - **Concentration in Drawing and Painting or Printmaking**
  - **Concentration in Graphic Design**
  - **Concentration in Interior Design**
  - **Concentration in Photography**
  - **Concentration in Textiles**
  - **Concentration in Three Dimensional Studies (emphasis in Ceramics or Sculpture)**
- **Minors in Art History; Drawing, Painting and Printmaking; Photography; Textiles; and Three Dimensional Studies**

The Ernest G. Welch School of Art and Design
117 Arts and Humanities Building
404/413-5221
artdesign.gsu.edu

Michael White Director
Maria Gindhart Associate Director

The Ernest G. Welch School of Art and Design offers degree programs in studio, art education, and art history. The Bachelor of Fine Arts professional degree is available in studio and art education. Within the studio degree, students may choose from these concentrations: drawing and painting or printmaking; graphic design; interior design; photography; textiles; or three-dimensional studies (ceramics or sculpture).

The School of Art and Design offers the Bachelor of Arts degree for students who wish to pursue a liberal arts education. They may select a concentration in studio or in art history. The B.A. program in Studio covers a range of art courses and a studio concentration. Art history is an academic liberal arts program devoted to preparing future scholars and curators.

The School of Art and Design seeks to provide an educational environment that encourages the creation and presentation of the visual arts, the study of visual culture, the creation and enhancement of our interior environments, and the promotion of the visual arts to the larger community. Graduates of the school carry their knowledge forward and contribute to the cultural conscience of the community. A strong corps of the school's graduates is found in prominent art centers and schools. Others hold positions with regional, national, and international design firms. Faculty, student artists, and alumni frequently exhibit in national and international galleries and competitions. Their works are in numerous private and corporate collections.

The School of Art and Design is professionally accredited by the National Association of Schools of Art and Design.

Program Admission

Admission to B.F.A

Students who wish to pursue a Bachelor of Fine Arts (B.F.A.) degree must apply to seek this degree. Students may pursue the B.F.A. by being accepted either into studio or into art education. The studio program requires a concentration in one of the following areas: drawing, painting, or printmaking; graphic design; interior design; photography; textiles; or three-dimensional studies (ceramics or sculpture). Acceptance to a concentration is determined by application and portfolio review following completion of the art core sequence. Students should consult with the undergraduate adviser or a faculty adviser in their area of interest for details.

Portfolios and applications are reviewed fall and spring semesters on Portfolio Review Day. Students should check with the School of Art and Design office for information about Review Day.

Admission to Art Education

Application to the B.F.A. program in art education should occur upon completion of the 18 semester hours required in Area F and at the end of the semester in which the student is taking the introductory art education course (AE 4200). To apply, students must have:

- passed the portfolio review of artwork;
- received at least "Good" in all dispositional ratings;
- earned a 2.5 overall cumulative GPA,
- earned a 3.0 GPA in all art content courses,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- Completion of the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Guidelines for the Entry-to-the-Major Review will be distributed during AE courses and posted in the AE area. In the event that a student is not accepted into the major, or is accepted with pending status, the student may be advised not to take any further Art Education courses until the issue for admission to the major is resolved. If the issue cannot be resolved within one semester of applying to the major, the student should see the School of Art and Design undergraduate advisor to explore other options.

Visit the major maps for this program at cas.gsu.edu/major/art-design/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Admission to Studio

Upon completion of the 18 semester hours required in Area F and prior to completion of 15 additional semester hours, each student who wishes to seek a B.F.A. in Studio must submit an application and pass a

portfolio review for acceptance into a major concentration. Applications to concentrate in a discipline are available in the School of Art and Design office and are reviewed fall and spring semesters on Portfolio Review Day scheduled prior to Phase I registration (Graphic Design Portfolio Review is held at the end of Spring Semester only and Interior Design Portfolio Review is held at the end of the Fall semester only). Students should meet with an adviser in the concentration they are considering one semester before they apply for the concentration. In the event that a student is not accepted into the concentration, the student should see the School of Art and Design undergraduate adviser to explore other options.

Program Academic Regulations

Evaluation of transfer credits should be completed during the first semester of attendance at the university.

Program Degree Requirements

Art students should seek regular advisement from the Undergraduate Adviser in the School of Art and Design. Once accepted into a B.F.A. concentration, students should seek advisement from the Area Coordinator for that concentration. Students in the Bachelor of Fine Arts degree program should declare their intention to pursue a B.F.A. degree to the Office of Academic Assistance in the College of Arts and Sciences when they initiate their Area F requirements. Students intending to pursue the B.F.A. should enroll in two Area F courses during their first semester and should continue taking two Area F courses each semester until those courses are completed. Upon completion of the Area F requirements and prior to completion of 15 additional hours in art, students who intend to pursue the Bachelor of Fine Arts degree program must submit an application and portfolio to the concentration faculty for review and approval. In order to facilitate advisement, students in the Bachelor of Arts degree program should declare their major and area of concentration (studio or art history) prior to completion of their Area F courses.

A Grade of C or higher is required for all Studio and Art History courses in Area G. BA Studio Majors must satisfy the Foreign language requirement to the 1002 level with a passing grade of D or higher. For Art Education a grade of B and a GPA of 3.0 or higher is required in all art content courses.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Art

Art History Concentration

Areas A-E: Core Curriculum Recommendations

1. Area B: Cross-cultural art history courses may be offered in this area as sections of PERS 2001

(Perspectives in Comparative Culture). (2)
2. Area C: Students may select one Art History Survey in Area C.
3. All Art History students are required to meet with area coordinator for assignment of a faculty advisor.

Area F: Courses Appropriate to the Major (18)

1. Art Requirements (9)
    - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
    - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)
    - AH 1850 Survey of Art III. Art of Africa, Oceania, and the Americas (3)
    - Art Studio (1000 level) (if one 1000-level art history course is taken in Area C) (0-3)
2. Foreign Language Requirements (French or German recommended) (6-9)*
    - Lang 1002 Elementary Foreign Language II (3) (if not taken in Area C)
    - Lang 2001 Intermediate Foreign Language I (3)
    - Lang 2002 Intermediate Foreign Language II (3)

* The School of Art and Design requires that art history students complete the foreign language sequence Lang 1002, 2001, and 2002. (See "Foreign Language Requirement for B.A. and B.I.S. degrees," previously described.)

1. Select additional non-art course at the 1000/2000 level to complete the 18-hour requirement in this area, if necessary. (0-3)

Area G: Major Courses (30)

1. AH 3000 Introduction to Art Historical Methodology-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
2. Distribution Requirement: Select one course from each of the following categories (15):
    a. **Ancient**
        - AH 4010 Art of Ancient Egypt and Nubia (3)
        - AH 4011 Art and Architecture of Egypt I: 4000-1600 B.C. (3)
        - AH 4012 Art and Architecture of Egypt II: 1600-31 B.C. (3)
        - AH 4020 Art and Architecture of the Ancient Near East (3)
        - AH 4110 Art and Architecture of Ancient Greece (3)
        - AH 4120 Art and Architecture of Ancient Rome (3)

    b. **Medieval and Early Modern**
        - AH 4200 Art and Architecture of the Middle Ages (3)
        - AH 4310 Art of Northern Europe in the Renaissance Era (3)
        - AH 4320 Italian Renaissance Art: The Age of Humanism (3)
        - AH 4400 Baroque Art (3)
        - AH 4450 Eighteenth-Century European Art (3)

    c. **Modern and Contemporary**
        - AH 4500 Nineteenth-Century European Art (3)
        - AH 4600 Modern Architecture (3)
        - AH 4610 20th Century Art of Europe & US (3)

- AH 4700 Contemporary Art: Theory and Criticism (3)
- Also counting for this area with permission of advisor:
  - AH 4030 Contemporary African Art (3)
  - AH 4620 African-American Art (3)
  - AH 4650 American Art (3)
  - AH 4660 Nineteenth and Twentieth-Century Art in Latin America (3)
  - AH 4680 Art of Korea (3)
  - AH 4720 Feminist Issues in Contemporary Art (3)

d. **Africa and the African Diaspora**
- AH 4000 African Art (3)
- AH 4030 Contemporary African Art (3)
- AH 4620 African-American Art (3)
- Also counting for this area with permission of adviser:
  - AH 4010 Art of Ancient Egypt and Nubia (3)
  - AH 4011 Art and Architecture of Egypt I: 4000-1600 B.C. (3)
  - AH 4012 Art and Architecture of Egypt II: 1600-31 B.C. (3)

e. **Art of Asia and the Americas**
- AH 4630 Pre-Columbian Art (3)
- AH 4650 American Art (3)
- AH 4660 Nineteenth and Twentieth-Century Art in Latin America (3)
- AH 4670 Art of Japan (3)
- AH 4680 Art of Korea (3)
- Also counting for this area with permission of adviser:
  - AH 4620 African-American Art (3)

f. **Other art history courses that may be chosen to satisfy the distribution requirement in consultation with a departmental adviser are:**
- AH 4750 Women Artists (3)
- AH 4800 Special Studies Lecture (3)*
- AH 4900 Special Studies Seminar (3)*
- AH 4930 Art History Internship (3) (may be taken only once)
- AH 4950 Curatorial Practicum in Ancient Art (3)
- AH 4980 Special Problems (3)*

* May be taken more than once

g. Cross-disciplinary Art History Seminars (3DS 3910, PHOT 3910, TEXT 3910, and GRD 3910). No more than two cross-disciplinary seminars may count towards degree requirements.

3. Select two additional Art History courses from the courses listed in Area G2. (6)
4. Select one more Art or Art History course. This course must be an Art Studio, if not already taken. (3)
5. AH 4990 Art History Capstone-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)

Area H: Minor and Additional Courses

1. Select additional courses to complete a minimum of 120 hours.
2. Students in art history are not required to take a minor, although they may complete one if they so choose.

Graduation with Distinction in Art History

Art History majors who have a GPA average of at least 3.5 in upper-division Art History courses will be considered for this honor by the Art History faculty. Additional factors to be considered include extracurricular activities related to the major, for instance, internships, conference presentations, and participation in student organizations.

Dual B.A. in Art (Art History Concentration) / M.A. in Art History

The department offers a dual Bachelor of Arts with an Art History concentration and Master of Arts in Art History. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Studio Concentration

Areas A-E: Core Curriculum Recommendations

1. Students may select one art history survey in Area C.

Area F: Courses Appropriate to the Major (18)

1. Studio Requirements (12)
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - ART 1030 Three-Dimensional Design (3)
    - ART 1050 Introductory Studio (3)
2. Art History Requirement (Select one course in addition to any taken in Area C.) (3)
    - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
    - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)
    - AH 1850 Survey of Art III. Art of Africa, Oceania, and the Americas (3)
3. Art History Requirement (3)
    - AH 2000 Survey of Art Since 1900 (3)

Area G: Major Courses (45-57)

In order to graduate, students must have taken the two CTW courses required for this concentration (ART 3910 and ART 4500). These courses should be taken at the appropriate time, as described below.

1. Major Requirements (27-35)
    a. Complete minimum of 18 hours in 3000-level courses from among four different studio disciplines (18-24) Note: 3000/4000-level studio courses vary from three to four credit hours.
    b. Studio Concentration (3000/4000 level, select from one discipline previously studied) (6-8)
    c. Art History Survey (if Survey not taken in Area C, otherwise, AH 3000/4000-level elective) (3)
2. ART 3910 Critical Issues in Contemporary Art-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
3. Two Art History Electives (4000 level), one in the Modern category (see Art History Area G below) (6)
4. Studio Elective (3-4)
5. ART 4500 Directed Study in Art-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
6. Foreign Language (to the 1002 level) (3-6). (See "Foreign Language Requirement for B.A. Major," previously described).
7. Select additional non-art courses to complete a minimum of 120 hours. (9-21) (See "Area H" following degree requirement listings in this section.)

Area H: Minor and Additional Courses

Students seeking the B.A. in Studio Art are not required to take a minor, although they may complete one if they so choose.

B.F.A. in Art Education

Areas A-E: Core Curriculum Recommendations

1. Area B: Cross-cultural art history courses may be offered in this area as sections of PERS 2001 (Perspectives in Comparative Culture). (2)
2. Area C: Students may select one art history survey in Area C.

Area F: Courses Appropriate to the Major (18)

1. Studio Requirements (12)
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - ART 1030 Three-Dimensional Design (3)
    - ART 1050 Introductory Studio (3)
2. Art History Requirements
    a. Select one course in addition to any taken in Area C. (3)
        - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art

(3)
    - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)
    - AH 1850 Survey of Art III. Art of Africa, Oceania, and the Americas (3)
  b. AH 2000 Survey of Art Since 1900 (3)

See "Admission to Art Education" above for complete admission requirements. Once admitted to the Art Education program, students should maintain continual contact with the department and submit a form declaring their "Intent to Student Teach" at least three semesters prior to student teaching/graduation. Failure to submit the "Intent to Student Teach" form may result in a delay in student teaching placement and graduation.

Area G: Major Courses (67-69)

A grade of C or higher must be earned in all required courses, a grade of B- or higher is required in all art education courses, and a GPA of 3.0 is required for all art content courses.

In order to graduate, students must have taken the two CTW courses required for this concentration (AE 4200 and AE 4300). These courses should be taken at the appropriate time, as described below.

1. Required Courses (36)
    - EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
    - EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
    - EDUC 2130 Exploring Learning & Teaching (3)
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
    - Two AH electives not taken in Area C or F2.a (recommended), or one 1000-level survey and one AH 3000-4000 level (6)
    - 3DS 3050 Hand Building I (3)
    - DPP 3000 Life Drawing (3)
    - DPP 3200 Painting with Water-Based Media (3) ***or***
    - DPP 3300 Painting with Oil-Based Media (3)
    - PHOT 3000 Introduction to Photography (3)
    - DPP 3050 Introduction to Printmaking (3)
    - 3DS 3000 Introduction to Sculpture (3)
2. Select two additional courses in one area to satisfy the 26-hour requirement of a studio art concentration. (6-8)
3. Art Education (13)
    - AE 4200 Art for Preschool through Fifth Grade (3)
    - AE 4300 Art for Middle and Secondary Schools (3)
    - AE 4400 Media, Technology, and Visual Presentation (4)
    - AE 4600 Teaching Practicum 43) (This course requires a large number of hours spent in observations in schools off campus, so schedules must be arranged accordingly.)
4. AE Opening School Experience (0)
5. AE 4750, AE 4760, AE 4770, and AE 4780 (Student Teaching) (12)
6. Select additional courses to complete a minimum of 129 hours. (See "Area H" following the degree requirement listings in this section.) Art 4980, Special Problems (1-6), may be used in order to meet the specified requirements. Consent of departmental adviser and instructor required.

Area H: Minor and Additional Courses

Students seeking the B.F.A. in art education may not seek a minor. They must take additional courses as electives to complete a minimum of 129 semester hours, exclusive of KH 1010.

Note: Only graduate students will be allowed to register in 6000-level courses, AE 6200, 6300, 6400, and 6600. These courses count only toward certification not as hours in the MAEd.

Application for Entry into Teacher Education

Prior to being approved for entry into the program, art education students must meet professional requirements and standards, including but not limited to displaying professional dispositions and attitudes, the ability to speak in public, professional ethics and strong content knowledge, as listed in the "Teacher Preparation" chapter of this catalog. Students are evaluated throughout the art education program, and their progress is noted during the Entry-to-the-Art-Education-Major and Pre-Student-Teaching Reviews. If students fail to pass benchmark reviews, they may not be allowed to progress to the next course until they demonstrate the competencies in question. Students are also required to have a 2.5 overall cumulative GPA and to have passed the GACE Program Admission Assessment and Regents' exams. See "Admission to Art Education" above for complete admission requirements.

Pre-Student-Teaching Review

One semester prior to student teaching, all student teaching applicants will practice their teaching at a local community school art class before their official student-teaching semester, regardless of whether the applicants have previous teaching experiences or not. Prior to being approved for student teaching, all art education students must have met all criteria for entry to the major, , and have earned a grade of B- or higher in all art education courses, with a 3.0 GPA for all art courses. Art Education faculty members will review applications according to the teacher certification standards. Students must submit a form declaring their "Intent to Student Teach" at least three semesters prior to student teaching/graduation. Failure to submit the "Intent to Student Teach" form may result in a delay in student teaching placement and graduation. For details about the Pre-Student-Teaching Review, students should contact their art education adviser.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments

Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment

Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.
Georgia Educator Ethics – Program Exit (360) Assessment is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Student Teaching

The Art Education program and the Office of Field Placements (housed in the College of Education) will place each student with two placements—elementary and secondary—during the semester of student teaching. Student teaching involves full participation by the students for at least one full academic term. Because student teaching constitutes a full load of academic credit, it is recommended that the students attempt neither regular employment nor other courses during the term of student teaching.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students. edTPA is a program completion and teacher certification requirement. Students may graduate from the Art Education program while continuing to complete teacher certification requirements for edTPA.

Graduation with Distinction in Art Education

Departmental distinction is separate from the Honors Program. Art Education majors who have maintained an overall GPA of 3.6 or above, and received outstanding ratings (all 4s and 5s) on the summative evaluations of their student teaching coursework are eligible for graduation with distinction. More information about graduation with distinction is available in the department.

B.F.A. in Studio (120)

See the Program Admission requirements at the beginning of this section.

Areas A-E: Core Curriculum Recommendations

1. Area B: Cross-cultural art history courses may be offered in this area as sections of Pers 2001 (Perspectives in Comparative Culture). (2)

2. Area C: Students may select one art history survey in Area C.

Area F: Courses Appropriate to the Major Field (18)

1. Studio Requirements (12)
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - ART 1030 Three-Dimensional Design (3)
    - ART 1050 Introductory Studio (3)
2. Art History Requirements
    a. Select one course in addition to any taken in Area C. (3)
        - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
        - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)
        - AH 1850 Survey of Art III. Art of Africa, Oceania, and the Americas (3)
    b. AH 2000 Survey of Art Since 1900 (3)

Area G: Major Courses (60)

Course requirements for each of the areas of concentration in studio are listed below. B.F.A. degree requirements for each of the areas of concentration in studio are listed below.

Drawing, Painting, and Printmaking Concentration

The following courses are required in Area G for students who are accepted into the drawing, painting, and printmaking concentration. Prospective students should attend the Drawing, Painting and Printmaking orientation/group advisement offered once each Fall. Art 4980, Special Problems (1-6), may be used to adjust program in order to meet the 60-hour requirement. Consent of departmental adviser and instructor required. Acceptance to the DPP concentration is determined by application and portfolio review following completion of at least two DPP 3000-level courses from the art core sequence listed below.

In order to graduate, students must have taken the two CTW courses required for this concentration (Art 3910 and DPP 4950). These courses should be taken at the appropriate time, as described below.

1. Concentration Core Requirements (9)
    - DPP 2100 Advanced Drawing (3)
    - DPP 3000 Life Drawing (3)
    - DPP 3050 Introduction to Printmaking (3)
2. ART 3910 Critical Issues in Contemporary Art-CTW (3) fulfills CTW entry level requirement
3. Art History: Select one course (3)
    - AH 4610 20th Century Art of Europe & US (3)
    - AH 4700 Contemporary Art: Theory and Criticism (3)
4. Art and Art History Electives: any 4000-level art history course and/or one to two 3000/4000-level studio courses outside drawing, painting, and printmaking (6-8)
5. ART 3400 Space, Scale, Time: Digital Possibilities (3)

This course may only be taken by students who are already accepted into their BFA Studio Concentration.

6. Areas of Emphasis
   Students must elect to follow the drawing and painting emphasis or the printmaking emphasis. Each program of study is described below.

   a. **Drawing and Painting Emphasis Requirements (35-36)**
      - The following courses are required in Area G for students who are accepted into the drawing and painting emphasis (16).
        - DPP 3200 Painting with Water-Based Media (3)
        - DPP 3300 Painting with Oil-Based Media (3)
        - DPP 3600 Drawing Research (4)
        - DPP 4940 Portfolio I (3)
        - DPP 4950 Portfolio II-CTW (3) fulfills CTW exit level requirement
      - Select from below for a total of 16 hours:
        - DPP 3900 Selected Topics in Drawing and Painting (4-8)
        - DPP 4500 Directed Study in Drawing and Painting (8-12)
      - Select one course from below (3-4):
        - DPP 3150 Intaglio/Etching and Lithography (4)
        - DPP 3250 Screen Print and Experimental Printmaking (4)
        - DPP 3350 Monoprinting (3)
        - DPP 3550 Book Arts (3)
   b. **Printmaking Emphasis Requirements (36)**
      - The following courses are required in Area G for students who are accepted into the printmaking emphasis.
        - DPP 3150 Intaglio/Etching and Lithography (4)
        - DPP 3250 Screen Print and Experimental Printmaking (4)
        - DPP 4500 Directed Study in Drawing and Painting (4)
        - DPP 4940 Portfolio I (3)
        - DPP 4950 Portfolio II-CTW (3) fulfills CTW exit level requirement
      - Select from below for a total of 12 hours:
        - DPP 3900 Selected Topics in Drawing and Painting (4-8)
        - DPP 4550 Directed Study in Printmaking (4-8)
      - Select one course from below (3)
        - DPP 3350 Monoprinting (3)
        - DPP 3550 Book Arts (3)
      - Select one course from below (3)
        - DPP 3200 Painting with Water-Based Media (3)
        - DPP 3300 Painting with Oil-Based Media (3)

Graphic Design Concentration

The following courses are required in Area G for students who wish to pursue the Graphic Design concentration. Graphic design courses should be taken in the order listed below. Prospective students should attend a Graphic Design orientation/group advisement offered once each Fall. Graphic design course work should begin fall semester of the sophomore year. Additional information about the graphic

design program is available in the School of Art and Design. Students who are not enrolled in graphic design courses for more than one semester, during the junior or senior sequences, are required to resubmit an entrance portfolio for review and acceptance.

In order to graduate, students must have taken the two CTW courses required for this concentration (GrD 3910 and GrD 4950). These courses should be taken at the appropriate time, as described below.

1. Sophomore Requirements (9)
    - Sophomore Level (fall) (6)
        - GRD 3000 Introduction to Graphic Design (3)
        - GRD 3150 Introduction to Typography (3)
        - Enroll in 3150 concurrently with either 3000 (fall) or 3200 (spring)
    - Sophomore Level (spring) (3)
        - GRD 3200 Intermediate Graphic Design (3)
2. BFA Entrance Review
3. Upper Level Requirements (36)
    - Junior Level (fall) (12)
        - GRD 3910 History of Graphic Design-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
        - GRD 4020 Advanced Typographic Design (3)
        - GRD 4100 Print and Editorial Design (3)
        - GRD 4310 Multimedia Design (3)
    - Junior Level (spring) (9)
        - GRD 4150 Collateral Design for Print Applications (3)
        - GRD 4300 Internship in Graphic Design (3)
        - GRD 4400 Design for Film and Television (3)
    - Senior Level (fall) (9)
        - GRD 4200 Corporate Identity Design (3)
        - GRD 4350 Graphic Design through Advertising (3)
        - GRD 4450 Professional Practices in Graphic Design (3)
    - Senior Level (spring) (6)
        - GRD 4600 Senior Workshop in Graphic Design (3)
        - GRD 4950 Graphic Design Portfolio-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
4. Select four electives (12-14)
    - GRD 3300 Illustration: Concepts through Images (3)
    - PHOT 3000 Introduction to Photography (3)
    - PHOT 3010 Film and Darkroom (3)
    - DPP 3250 Screen Print and Experimental Printmaking (4)
    - DPP 3550 Book Arts (3)
    - PHOT 3600 Digital Video for Artist (4)
    - GRD 4250 Graphic Design in Popular Culture (3)
    - GRD 4550 Specialized Applications of Graphic Design (3)
    - GRD 4840/CSC 4840 Computer Graphics Imaging (3)
    - GRD 4841/CSC 4841 Computer Animation (3)
5. Select one AH 4000-level Art History (3)
6. Senior Portfolio Review

Senior Exhibition

Interior Design Concentration

The following courses are required in Area G for students who wish to pursue the Interior Design concentration. Interior Design courses should be taken in the order listed below. Interior Design course work should begin fall semester of the sophomore year. Additional information about the interior design program is available in the School of Art and Design. Prospective students should also attend an interior design orientation/group advisement offered once each Fall. Art 4980, Special Problems (1-6), may be used to adjust program in order to meet the 60-hour requirement. Consent of departmental adviser and instructor required. Students who are not enrolled in interior design courses for more than one semester, during the junior or senior sequences, are required to resubmit an entrance portfolio for review and acceptance.

Students pursuing a degree in Interior Design are advised that the educational requirements vary in each state regarding the profession of interior designer.

In order to graduate, students must have taken the two CTW courses required for this concentration (ART 3910 and ID 4950). These courses should be taken at the appropriate time, as described below.

1. ART 3910 Critical Issues in Contemporary Art-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement. ART 3910 should be taken prior to your senior year.)
2. Sophomore Level (fall) Requirements in Area G prior to Portfolio Review for acceptance into Interior Design concentration (9).

    - ID 3000 Drafting (3)
    - ID 3300 Interior Design: Theory (3)
    - ID 3910 History of Interior Design I: Antiquities to the Nineteenth Century (3)

4. BFA Entrance Portfolio Review at the end of Fall semester
5. Upper Level Area G Requirements for accepted Interior Design students (35)
    - Sophomore Level (spring)
        - ID 3350 Interior Design: Materials (3)
        - ID 3500 Interior Design: Spatial Organization (3)
        - ID 3600 Building Systems and Codes (2)
        - ID 3920 History of Interior Design II: Nineteenth Century to Present (3)
        - ID 3250 Computer-Aided Drafting and Design I (2)
    - Junior Level (fall)
        - ID 4100 Lighting Design (2)
        - ID 4200 Residential Design I (3)
        - ID 4350 Computer-Aided Drafting and Design II (2)
    - Junior Level (spring)
        - ID 4300 Commercial Design (3)
        - ID 4400 Computer-Aided Drafting and Design III (2)
    - Senior Level
        - ID 4000 Interior Design: Selected Topics: (3)

        - ID 4800 Professional Practice (2)
        - ID 4940 Interior Design Portfolio I (2)
        - ID 4950 Interior Design Portfolio II-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
6. Select one AH 4000-level Art History and one 3000-level studio elective, or select two studio electives (6):
   Interior design studios listed below are recommended and may be repeated for a maximum of six credit hours.

    - ID 4000 Selected Topics (3)
    - ID 4500 Directed Study (3)
    - ID 4930 Interior Design Internship (3-6) Note: ID 4930 qualifies for academic credit only after completion of ID 4300 and may be repeated for a maximum of six credit hours. (Recommended for summer between junior/senior level and continuing into Fall of senior year).
    - Upper level ID students should discuss elective options with their assigned ID area advisor to plan and schedule adequate electives (16) to meet total 60-hour requirement in Area G. Acceptable elective courses include: ID 4000 Selected Topics (3); ID 4500 Directed Study (3); GRD 3400 Graphic Design Survey; RE 3010 Real Estate Principles; RE 4050 Development; HADM 3010 Perspectives in Hospitality Industry; HADM 3350 Meeting and Tradeshow Management; THEA 3000 Lighting Design: Theater, Film, and TV; THEA 3110 Technical Production II; HIST 4215 American Buildings; HIST 4220 The American City; HIST 4325 Public History and Historic Preservation; GERO 2000 Introduction to Gerontology; GERO 3124 Diversity and Aging; GERO 4116 Aging and Society; ART 4980 Special Problems (1-6).

Photography Concentration

The following courses are required in Area G for students who are accepted into the Photography concentration. Prospective students should attend the Photography orientation/group advisement offered once each Fall. ART 4980 Special Problems (1-6) may be used to adjust program in order to meet the 60-hour requirement. Consent of departmental adviser and instructor required.

In order to graduate, students must have taken the two CTW courses required for this concentration (ART 3910 and PHOT 4950). These courses should be taken at the appropriate time, as described below.

1. ART 3910 Critical Issues in Contemporary Art-CTW (3) serves as one of the two courses needed to fulfill CTW requirement)
2. Concentration Requirements (38)
    - PHOT 3000 Introduction to Photography (3)
    - PHOT 3010 Film and Darkroom (3)
    - PHOT 3910 Photo History Seminar (3)
    - PHOT 3100 Alternative Photographic Practice (4)
    - PHOT 3200 Color and Light (4)
    - PHOT 3300 Studio Lighting and Large Format (4)
    - PHOT 3500 Digital Photography (4)

    - PHOT 3600 Digital Video for Artists (4)
    - PHOT 4500 Directed Study in Photography (3-12)
    - PHOT 4940 Portfolio I (3)
    - PHOT 4950 Portfolio II-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)
3. Select one art history course at the 4000 level (consult department adviser). (3)
4. Select four studio courses at the 3000/4000 level (consult department adviser) (9-16). Recommended courses:

    - PHOT 3900 Selected Topics (4)
    - PHOT 4930 Internship in Photography (0-3)
    - PHOT 4980 Special Problems (0-3)
    - DPP 3550 Book Arts (3)
5. Art 3400 Space, Scale, Time: Digital Possibilities (3)
   This course may only be taken by students who are already accepted into their BFA Studio Concentration.

Textiles Concentration

The following courses are required in Area G for students who are accepted into the Textiles concentration. Prospective students should attend the Textiles orientation/group advisement offered once each Fall. ART 4980 Special Problems (1-6) may be used to adjust program in order to meet the 60-hour requirement. Consent of departmental adviser and instructor required.

In order to graduate, students must have taken the two CTW courses required for this concentration (ART 3910 and TEXT 4950). These courses should be taken at the appropriate time, as described below.

1. Concentration Requirements (42)

    - TEXT 3000 Introduction to Textiles (3)
    - TEXT 3100 Surface Design I (3)
    - TEXT 3200 Textile Structures I (3)
    - TEXT 3500 Surface Design II (4)
    - TEXT 3700 Heat Techniques with Fabrics (4)
    - TEXT 3800 Digital Textile Design (4)
    - TEXT 3900 Select Topics in Textiles (4)
    - TEXT 3910 Historic Textiles (3)
    - TEXT 4500 Directed Study in Textile Design (8)
    - TEXT 4940 Portfolio I (3)
    - TEXT 4950 Portfolio II-CTW (3) (serves as one of the two courses needed to fulfill CTW requirement)

1. Art 3910 Critical Issues in Contemporary Art-CTW (3) fulfills CTW entry level requirement
2. Textiles Elective: Select two courses (7-8)
    - TEXT 3200 Textile Structure I (3)
    - TEXT 3300 Fibers, Fabrics, and Forms (3)

    - TEXT 3900 Select Topics in Textiles (4)
    - TEXT 4500 Directed Study in Textile Design (4)
    - TEXT 4600 Digital Textile Design II (4)
    - TEXT 4930 Internship in Textile Design (3)
    - TEXT 4980 Special Problems (1-6)
3. Select one 3000/4000-level studio (3-4)
    - DPP 3150 Intaglio/Etching and Lithography (4)
    - DPP 3250 Screen Print and Experimental Printmaking (4)
    - 3DS 3000 Introduction to Sculpture (3)
    - Text 3300 Fibers, Fabrics, and Forms (3)
4. Art 3400 Space, Scale, Time: Digital Possibilities (3)
   This course may only be taken by students who are already accepted in their BFA Studio Concentration.

Three-Dimensional Studies Concentration (emphasis in Sculpture or Ceramics)

The following courses are required in Area G for students who are accepted into the three-dimensional studies concentration, which includes an emphasis in sculpture or ceramics. Prospective students should attend the Three-dimensional Studies orientation/group advisement offered once each Fall.

In order to graduate, students must have taken the two CTW courses required for this concentration (Art 3910 and 3DS 4950). These courses should be taken at the appropriate time, as described below.

1. Concentration Core Requirements (9)
    - 3DS 3000 Introduction to Sculpture (3)
    - 3DS 3050 Hand Building I (3)
    - 3DS 3100 Moldmaking (3)
2. Art 3910 Critical Issues in Contemporary Art-CTW (3) (fulfills CTW entry level requirement)
3. Two-Dimensional Studio Elective (3-4). Select one 3000/4000-level course from the following disciplines:
    - Drawing, Painting and Printmaking (DPP)
    - Photography (Phot)
    - Interior Design (ID 3000 only)
    - Textiles (Text 3100, 3200, 3500, 3600 only)
4. Three Dimensional Studio Electives (3-4)
5. Select one course from below for a total of 3 hours:
    - Any 4000-level art history course(s) (3)
    - AH 4700 Contemporary Art: Theory and Criticism (3)
    - 3DS 3910 History of Ceramics (3)
6. Art 3400 Space, Scale, Time: Digital Possibilities (3)
   This course may only be taken by students who are already accepted into their BFA Studio Concentration.
7. Area of Emphasis
   Students must elect to follow an emphasis in Ceramics or Sculpture. Each program of study is described below. Art 4980, Special Problems (1-6), may be used to adjust program in order to meet the 60-hour requirement. Consent of departmental adviser and instructor required.

a. Ceramics Emphasis Requirements (36-37)
    - 3DS 3150 Wheel Throwing I (3)
    - 3DS 3300 Intermediate Sculpture (4)
    - 3DS 3350 Ceramic Sculpture (4)
    - 3DS 3650 Ceramic Materials (4)
    - 3DS 4550 Directed Study in Ceramics (8)
    - 3DS 4940 Ceramics I (3) Consult with Faculty Adviser
    - 3DS 4950 Ceramics II-CTW (3) (fulfills CTW exit level requirement)
    - Studio Elective: Select one (3-4)
        - 3DS 3900 Selected Topics in Sculpture (4)
        - 3DS 4930 Internship (4)
        - 3DS 4980 Special Problems (3)

b. Sculpture Emphasis Requirements (21)
    - 3DS 3300 Intermediate Sculpture (4)
    - 3DS 4500 Directed Studies in Sculpture (8)
    - 3DS 4940 Sculpture Portfolio I (3)
    - 3DS 4950 Sculpture Portfolio II-CTW (3) (fulfills CTW exit level requirement)
    - Studio Electives: Select from below for a total of sixteen. (16)
        - 3DS 3500 Metal Casting (4)
        - 3DS 3600 Sculptural Drawing (4)
        - 3DS 3700 Wood Design (4)
        - 3DS 3800 Installation Art (4)
        - 3DS 3900 Selected Topics in Sculpture (4-8)
        - 3DS 4930 Internship (4)

Area H: Minor and Additional Courses

Students seeking a B.F.A. may not seek a minor due to the focused nature of the B.F.A. degree.

Senior Portfolio Review and Exhibition

Recommendation for graduation with a B.F.A. degree in a studio concentration requires the presentation of a body of work. This includes work completed as part of portfolio courses. For more details on enrolling for portfolio courses, students should obtain a Senior Portfolio Review form from the School of Art & Design office and consult with an adviser in their area of concentration about forming a Senior Portfolio Review Committee. B.F.A candidates who successfully complete portfolio course 4950 are required to participate in the B.F.A Senior Group Exhibition held at the end of each semester.

Art Education students may participate in the Senior Group Exhibition. Artwork from a student's final portfolio will be recommended by faculty for submission to the exhibition.

Graduation with Distinction in Studio Art

Departmental distinction is separate from the Honors Program. Studio Art majors who have produced a senior portfolio of studio work with the potential for recognition in the field and a record of supporting their discipline's program of activities are eligible for graduation with distinction. More information about graduation with distinction is available in the department.

Minor in Art or Art History

Students pursuing non-art degrees may take a minor in art or art history. The Art Minor is an 18 credit hour program consisting of two 1000-level studio courses, one 1000-level art history course, two 3000- or 4000-level studio courses, and either one 3000- or 4000-level art history course or one cross-disciplinary art history course (3DS 3910, 3DS 3920, GRD 3910, ID 3910, ID 3920, PHOT 3910, TEXT 3910). The Art History Minor is an 18 credit hour program consisting of three 1000-level art history courses and three 3000- or 4000-level art history courses. . A grade of C or higher is required in all courses counting toward the minor.

3140 Arts Administration - Speech and Theatre

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Arts Administration — Speech and Theatre**

The purpose of this program is to provide a broad-based knowledge of the fine arts and business in order to prepare students for managerial positions in the fine arts areas. This program should allow the student with an interest in the arts to develop widely marketable skills. Please contact the Department of Communication at 404/413-5600 or faculty advisement in the program.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. with a Concentration in Arts Administration — Speech and Theatre

Area F: Courses Appropriate to the Major (18)

1. Required Course (3)
    - THEA 2210 Acting I
2. Required Course (3)
    - SPCH 1500 Public Speaking
3. Required Course (3)
    - JOUR 1000 Introduction to Mass Communication
4. Required Course (3)
    - ACCT 2101 Principles of Accounting I
5. Select two courses (6)
    - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
    - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)

    - AH 1850 Survey of Art III. Art of Africa, Oceania, and the Americas (3)

Area G: Area of Concentration — Speech and Theatre (27)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Course to fulfill CTW requirement (3)
    - SPCH 3250 Persuasion-CTW (3) **or**
    - THEA 3100 Play Analysis-CTW (3)
2. Required Course to fulfill CTW requirement (3)
    - SPCH 4800 Communication and Diversity-CTW (3) **or**
    - THEA 4070 Western Theatre History-CTW (3)
3. Required Courses (6)
    - Choose one: SPCH 3450 Nonverbal Communication (3) or SPCH 3750 Intercultural Communication (3)
    - MUA 3930 Music, Society, and Culture (3)
4. Select one Art History course at the 4000 level.
5. Select three additional courses at the 3000/4000 level in Speech and Theatre for which the prerequisite has been met. No more than 12 hours from one discipline.
6. Students must complete level 1002 of a language.

Area H: Allied Field (21)

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

1. Required Courses (9)
    - JOUR 3500 Introduction to Public Relations Techniques(3)
    - MGS 3400 Managing People in Organizations (3)
    - Choose one: BCOM 3950 Business Communication and Professional Development (3) or SPCH 3060 Communication Law and Regulation (3)
2. Required Courses (6)
    - MK 3010 Basic Marketing (3)
    - MK 4300 Advertising (3)
3. Select two courses (6)
    - ENGL 3130 Business Writing (3)
    - JOUR 3560 Public Relations Writing and Projects (3)
    - SPCH 3210 Business and Professional Communication (3)

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

3150 Asian Studies

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Asian Studies**

The program in Asian Studies provides students an opportunity to acquire a career-oriented range of skills and knowledge of this important and unique region by choosing from a large number of courses offered at Georgia State in a range of departments.

The faculty advisers for this program are Dr. Yuki Takatori (ytakatori@gsu.edu), World Languages and Cultures, and Dr. Kim Reimann, Political Science (kreimann@gsu.edu).

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program. Requirements follow a student's catalog edition (year when B.I.S. major was approved).

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. with a Concentration in Asian Studies

Areas A-E: Core Curriculum Recommendations

1. Area C: CHIN 1002 – CHIN 2002 or JAPN 1002 – JAPN 2002 (recommended-only if not counting in Area F)
2. Area D: GEOG 1112 – GEOG 1113 Introduction to Weather and Climate/Introduction to Landforms (recommended)
3. Area E: HIST 1111/ HIST 1112 World History before/after 1500; or POLS 2401 Global Issues (recommended)

Area F: Courses Appropriate to the Major (18)

1. Required Language: Choose either Japanese or Chinese

- CHIN 1002 – CHIN 2002 ("C" or higher required) (12)
- JAPN 1002 – JAPN 2002 ("C" or higher required) (12)

2. Select additional courses to reach 18 hours in area:
    - ACCT 2101, ACCT 2102, AL 2101, AL 2102, ANTH 2020, GEOG 1101, ECON 2105, ECON 2106, WGSS 2010

Area G: Area of Concentration (27-33)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Courses to fulfill CTW requirement (6)
   Select two courses. 1) One course from the below list of CTW courses or other CTW courses approved for GSU undergraduate majors and 2) one course numbered 4995 or CHIN 3081. Students are encouraged to take CHIN 3080 as their first CTW course, which is designed with Asian Studies BIS majors in mind. Students taking other CTW courses should consult with a coordinator and, when necessary, add to their list of courses any prerequisites or recommended courses.

    - AL 3031 Language in Society-CTW (3) (This course has a prerequisite of AL 3021 Intro to Linguistics.)
    - CHIN 3080 Topics in Chinese Studies (3)
    - CHIN 3081 Cultural Dimensions of Language Learning (3)
    - ECON 3900 Macroeconomics (3)
    - ENGL 3040 Introduction to Literary Studies (3)
    - ENGL 3050 Introduction to Rhetoric and Advanced Composition (3)
    - POLS 3800 Introduction to Political Research (3)
    - RELS 3750 Introduction to Methods and Theories (3)
    - SOCI 4800 CTW in General Sociology (3)
    - SOCI 4801 CTW in Families, Health and Life Course (3)
    - SOCI 4802 CTW in Gender and Sexuality (3)
    - SOCI 4803 CTW in Race and Urban Studies (3)
    - WGSS 3010 Feminist Theories (3)
2. Required Language Courses (Chinese or Japanese) (6)
    - JAPN 3001 Advanced Japanese I (3)
    - JAPN 3002 Advanced Japanese II (3)

   or

    - CHIN 3001 Advanced Chinese I (3)
    - CHIN 3002 Advanced Chinese II (3)
3. Comprehensive Electives 15-21 hours (No more than 12 hours from any one department. Select from the courses below or other appropriate courses in consultation with the faculty coordinator.)
    - GEOG 4406 Advanced Regional Geography (4) (if Asia)
    - HIST 3610 Pacific World (4)
    - HIST 3700 China and Japan to 1600 (4)
    - HIST 3710 China and Japan since 1600 (4)
    - HIST 3610 Pacific World (3)

    - HIST 3800 South Asia to 1757 (4)
    - HIST 3810 South Asia since 1757 (4)
    - HIST 4890 Topics in World History (3-4) (if Asia)
    - JAPN 3081 Japanese Language and Society (3)
    - PHIL 4610/RELS 4610 Hinduism (3)
    - PHIL 4615/RELS 4615 Buddhism (3)
    - PHIL 4620/RELS 4620 Confucianism and Taoism (3)
    - PHIL 4625/RELS 4625 Zen and Shinto (3)
    - POLS 4255 Politics and Political Economy of East Asia (3)
    - POLS 4256 Politics and Political Economy of Japan (3)
    - POLS 4258 Government and Politics of South Asia (3)
    - POLS 4290 Studies in Comparative Politics (3) (if Asia)
    - POLS 4490 Studies in International Relations (3) (if Asia)
    - RELS 3260 Asian Religion in America
    - RELS 4612 Hindu Sacred Myths and Epics (3)
    - RELS 4628 Topics in Asian Religion (3)
    - WGSS 4240 Sexuality and Gender in Asia (3)

Area H: Allied Fields (choose one) (15-21)

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

- International Business Practices
    - BUSA 3000* Globalization and Business Practice (3)
    - ECON 4800 International Trade (3)
    - ECON 4810 International Finance (3)
    - FI 3300* Corporation Finance (3)
    - IB 3090 Introduction to International Business (3)
    - MGS 3400* Managing People in Organizations (3)
    - MK 3010* Basic Marketing (3)
    - *These courses are prerequisites for the Master in International Business (M.I.B.)
- Language Studies (choose no more than two courses with the same prefix)
    - AL 3021/FORL 3021 Introduction to Linguistics (3)
    - AL 3031* Language in Society-CTW (3)
    - AL 4151* Communication across Cultures – CTW (3)
    - AL 3041/FORL 3041* Introduction to Second Language Acquisition (3)
    - AL 4011/FORL 4011* Phonetics and Phonology (3)
    - AL 4012/FORL 4012* Morphology and Syntax (3)
    - AL 4151/FORL 4151* Culture and Language Learning (3)
    - PHIL 4530 Philosophy of Language (3)
    - 3000-level Japanese courses not used in the Area of Concentration
    - SPCH 3450 Non-Verbal Communication (3)
    - SPCH 3750 Intercultural Communication (3)
    - SPCH 4400 Development of Communication and Language across the Lifespan (3)**
    - *AL 3021/FORL 3021 is a prerequisite for these courses
    - SPCH 1000 is a prerequisite for this course
- Society and Culture

    - HIST 4590 Russia to 1861 (4) (much on Mongols, Central Asian peoples)
    - HIST 4820 Cross-Cultural Encounters in World History (4)
    - JOUR 4650 International Communication (3)
    - PHIL 4650/RELS 4650 Religion and Ethics (3)
    - PHIL 4680/RELS 4680 War, Peace, and Religion (3)
    - POLS 3200 Comparative Politics (3)
    - POLS 3400 International Politics (3)
    - POLS 4285 Politics and Religion in Comparative Perspective (3) (if Asia)
    - POLS 4290 Studies in Comparative Politics (3)
    - RELS 3270 World Religions (3)
    - RELS 4270 Women and Religion (3)
    - RELS 4290 Pilgrimage (3)
    - SOCI 3201 Wealth, Power, and Inequality (3)
    - SOCI 3208 Work and Employment (3)
    - SOCI 3212 Race and Ethnic Relations (3)
    - SOCI 3340 Population Problems (3)
    - SOCI 3354 Sociology of Popular Culture (3)
    - SOCI 4360 Religion and Society (3)
    - TEXT 3910 Historic Textiles (3) (much on Asian textiles and influence on world textile design)
    - WGSS 4210 Women in Cross-Cultural Perspective (3)
- Japanese Studies*
    - JAPN 3013 Intensive Grammar Review (3)
    - JAPN 3081 Japanese Language and Society (3)
    - JAPN 3082 Reading and Writing in Japanese (3)
    - HIST 3700 China and Japan to 1600 (4) (if not taken in Area G)
    - HIST 3710 China and Japan since 1600 (4) (if not taken in Area G)
    - POLS 4256 Politics and Political Economy of Japan (3) (if not taken in Area G)
    - *JAPN 3012 Advanced Japanese IV (required for this Allied Field.)
- Chinese Studies
    - CHIN 3080 Topics in Chinese Studies (CTW) (3) (if not taken in Area G)
    - CHIN 3081 Cultural Dimensions of Language Learning (CTW) (3) (if not taken in Area G)
    - CHIN 3395 Study Abroad (3)
    - CHIN 3396 Study Abroad (3)
    - CHIN 3397 Study Abroad (3)
    - HIST 3700 China and Japan to 1600 (4) (if not taken in Area G)
    - HIST 3710 China and Japan since 1600 (4) (if not taken in Area G)
    - HIST 4890 Topics in World History (3-4) (if China) (if not taken in Area G)
    - POLS 4290 Studies in Comparative Politics (if China-related) (if not in Area G) (3)
    - POLS 4490 Studies in International Relations (if China-related) (3) (if not taken in Area G)
    - POLS 4900 Senior Seminar – CTW (if China) (3) (if not taken in Area G)
    - PT 3660 Com & Alternative Therapies (3)
    - PT 4130 Tai Chi: Therapeutic Exercise (3)
    - PT 4140 Tai Chi: Therapeutic Exercise (3)
    - RELS 4615/PHIL 4615 Buddhism (3) (if not taken in Area G)
    - RELS 4620/ PHIL 4620 Confucianism and Taoism (3) (if not taken in Area G)
    - RELS 4622 Classical Chinese Philosophy (3) (if not taken in Area G)

- RELS 4628 Topics in Asian Religion (if China-related) (3) (if not taken in Area G)
  Related courses not yet available at Georgia State University are offered at Emory and Georgia Tech; such courses may be considered for a limited number of credits.

Area I: Electives

Electives are used to have 39 hours at Georgia State University taken at the 3000-4000 level for residency and complete 120 hours required for graduation.

Area J: Study Abroad/International Student Exchange Programs

Students are strongly recommended to consider a semester study abroad. Please contact Dr. Yuki Takatori or Dr. Kim D. Reimann for information concerning International Student Exchange Programs with Japan and Korea. For general information about study abroad in different countries of Asia, contact Study Abroad Programs, Office of International Initiatives (404-413-2529).

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

3160 Astronomy

Program Offered:

- **Bachelor of Science in Physics with a Concentration in Astronomy**

Department of Physics and Astronomy
Room 605, 25 Park Place
404/413-6033
www.Phy-Astr.gsu.edu

D. Michael Crenshaw, Chair
Brian Thoms, Associate Chair and Undergraduate Director in Physics
Misty Bentz, Undergraduate Director in Astronomy

The Astronomy program at Georgia State University is integrated with the Physics program. For information on the B.S. in Physics with a Concentration in Astronomy, see section 3460.

3170 Biology

Programs Offered:

- **Bachelor of Science in Biology**
  - **General Biology Studies (no concentration)**
  - **Concentration in Neurobiology and Behavior**
  - **Concentration in Microbiology**
  - **Concentration in Molecular Genetics and Cell Biology**
  - **Concentration in Preprofessional Programs/Physiology**
- **Dual B.S./M.S. in Biology**
- **Minor in Biology**

Department of Biology
Petit Science Center, Suite 495
404/413-5300
biology.gsu.edu

Yi Pan, Interim Chair
Jessica Parilla, Director of Undergraduate Programs

Biology, the science of life and life processes, includes the study of structure, function, growth, development, reproduction, origin, evolution, and distribution of living organisms.

A degree in biology provides students with a variety of career opportunities. Potential careers range from applied or basic laboratory research and field studies in numerous state and federal organizations and industry, to education in public and private school systems. Furthermore, the degree provides the ideal preparation for entry into medical, dental, and veterinary schools and other health-related professions. Finally, a bachelor's degree in biology provides a good foundation for advanced studies at the M.S. or Ph.D. level in biological sciences.

As an alternative to the General Biology Studies program (and in addition to the core degree requirements), courses in one of several areas of concentration, listed below, are available. Interdisciplinary programs with other departments/schools/institutes (such as Behavioral Biology or Environmental Science) are also an option. To plan the major according to the particular needs and goals, students should consult the "Undergraduate Program" area of the Biology Department Website (biology.gsu.edu) for information about the major. For advisement questions, students should contact the Undergraduate Coordinator (404/413-5305) who will help connect them with an appropriate faculty adviser.

Visit the major maps for this program at cas.gsu.edu/major/biology/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

Alternatives are available for some requirements in Areas A-F. Please see a degree program adviser for specific guidelines.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Biology

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1113 Precalculus (or any higher-level mathematics course) (3)
2. Recommended course:
    - PHIL 1010 Critical Thinking (2)
3. Laboratory Science Sequence (8)
   Recommended courses:

    - PHYS 1111K Introductory Physics I (4) and
    - PHYS 1112K Introductory Physics II (4) or
    - PHYS 2211K Principles of Physics I (4) and
    - PHYS 2212K Principles of Physics II (4)
4. Math. (3) Any one math not taken in area A from the following choices: Math 1070, 1220, 2201, 2202, 2211, 2212 (or any higher-level math). For any four credit-hour course, three credit hours are applied to Area D, and one credit hour is applied to area I.

Area F: Courses Appropriate to the Major Field (18)

1. Required Courses (16)
    - BIOL 2107K Principles of Biology I (4)**
    - BIOL 2108K Principles of Biology II (4)***
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)
2. Select one from the following (2):
    - BIOL 2240 Introduction to Human Physiology (3)
    - BIOL 2300 Microbiology and Public Health (3)
    - BIOL 2430 Frontiers in Biotechnology (2)
    - BIOL 2500 Neurobiology and Behavior (2)
    - BIOL 2800 Introduction to Molecular Biology (2)

** Students who decide to major in biology after completing BIOL 1103K may use BIOL 1103K for credit toward Area F if they complete BIOL 2108K and BIOL 2800 before enrolling in major courses (Area G)

*** Students who decide to major in biology after completing BIOL 1103K and BIOL 1104K may use these courses for credit toward Area F if they complete BIOL 2800 before enrolling in major courses (Area G).

Area G: Major Courses (39)

A grade of C or higher is required in all Area G, Area H, and Area I courses

1. Required Courses to fulfill CTW requirement (6)
    - BIOL 3810 Molecular Cell Biology Laboratory-CTW (3)
    - BIOL 4980 Senior Seminar-CTW (3) or other 4000-level CTW-approved course
2. Major Core Requirements (12)
    - BIOL 3800 Molecular Cell Biology (3)
    - BIOL 3840 Animal Biology (3)
    - BIOL 3880 Microbiology (3)
    - BIOL 3900 Genetics (3)
3. Choose one of the following labs: (1) *
    - BIOL 3250 Human Physiology Laboratory (1)
    - BIOL 3850 Animal Biology Laboratory (1)
    - BIOL 3890 Microbiology Laboratory (1)
    - BIOL 3910 Genetics Laboratory (1)
    - * Students should consult with an adviser regarding the laboratory most appropriate to their course of study. Additional laboratories may be appropriate and the credit applied to item 4 below.
4. At least one credit hour of BIOL 4960, Biology Careers Seminar (1), or BIOL 4970, Biology Seminar (1). It is recommended that students take BIOL 4960 early in their courses of study for career advisement.
5. Additional biology courses at the 3000-4000 level and biology credit hours transferred from Area H (19).

Area H: Chemistry Requirements (13)

Students majoring in biology are required to complete the following:

1. Required courses (13)
    - CHEM 2400 Organic Chemistry I (4)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 4600 Biochemistry I (5)

Area I: Additional Courses (8)

Select one two-course physics sequence (8) *

- PHYS 1111K Introductory Physics I (4) and
- PHYS 1112K Introductory Physics II (4) or
- PHYS 2211K Principles of Physics I (4) and
- PHYS 2212K Principles of Physics II (4)

* Two semesters of physics are required for biology majors. If the physics sequence is used to fulfill the Area D requirement, then students should:

Select additional biology courses at the 3000 level or above OR courses from this list:

- ANTH 4060 Environmental Anthropology (3)
- ANTH 4300 Human Evolution (3)

- ANTH 4310 Human Variation (4)
- ANTH 4350 Applied Biocultural Anthropology (3)
- ANTH 4370 Forensic Anthropology (3)
- ANTH 4390 Diet, Demography and Disease (3)
- CHEM 3100 Organic Chemistry Laboratory I (2)
- CHEM 3110 Organic Chemistry Laboratory II (2)
- (CHEM 3100 and CHEM 3110 are required by most professional programs.)
- CHEM 4110 Physical Chemistry I (3)
- CHEM 4610 Biochemistry II (3)
- CRJU 3410 Criminology (3)
- CSC 2010 Introduction to Computer Science (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- EDSC 3250 Topics in Middle Grades Science (3)
- GEOL 4002 Oceanography (3)
- GEOL 4011 Principles of Paleontology (4)
- GEOL 4017 Environmental Geology (4)
- GEOL 4644 Environmental Conservation (4)
- GEOG 4642 Advanced Weather and Climate (4)
- GEOG 4646 Water Resource Management (4)
- SNHP 3000 Communication and Cultural Diversity (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)
- KH 3000 Personal Health and Wellness (3)
- KH 3390 Advanced First Aid and Emergency Care (3)
- KH 3610 Motor Learning and Development (4)
- MATH 1070 Elementary Statistics (3)
- MATH 2202 Calculus for the Life Sciences II (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2211 Calculus of One Variable I (4)
- MATH 2212 Calculus of One Variable II (4)
- MATH 2215 Multivariate Calculus (4)
- PHIL 4130 Philosophy of Science (3)
- PHIL 4740 Biomedical Ethics (3)
- PHYS 3500 Electronics (3)
- PSYC 3010 Psychological Statistics (4)
- PSYC 3140 Abnormal Psychology (3)
- PT 3000 Introduction to PT and OT Practice (3)
- PT 3660 Complementary and Alternative Therapy (3)
- RT 3005 Clinical Cardiopulmonary Physiology (3)
- Any other 3000- or 4000-level course in Anthropology, Biology, Chemistry, Psychology or Physics

Students majoring in biology must take additional courses as electives to complete a minimum of 120 hours, exclusive of KH 1010.

Neurobiology and Behavior Concentration

Recommended: Area F2

- BIOL 2500 Neurobiology and Behavior (2)

Recommended: Area G2

- BIOL 3850 Animal Biology Laboratory (1)

Required: Area G5

- BIOL 4102 Neurobiology (4)
- Choose 19 hours of the following (3-5 credit hours each):
    - BIOL 4014K Invertebrate Biology (4)
    - BIOL 4015K Vertebrate Biology (4)
    - BIOL 4045K General Ecology-CTW (4)
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4094 Developmental Neurobiology (4)
    - BIOL 4115 Medical Neuroanatomy (4)
    - BIOL 4130 Sensation and Perception (3)
    - BIOL 4180 Neurobiology Laboratory (4)
    - BIOL 4240 Endocrinology (4)
    - BIOL 4241 Hormones and Behavior (4)
    - BIOL 4246 Advanced Human Physiology (4)
    - BIOL 4248 Cell Physiology (4)
    - BIOL 4630 Enzymology (3)
    - BIOL 4800 Principles of Cell Biology (4)
    - BIOL 4910 Undergraduate Research in Biology (1-5), on a subject related to Neurobiology and Behavior
    - BIOL 4930 Topics in Biology (3-4)

Recommended Area I:

- BIOL 4744 Biostatistics (3)
- PHIL 4130 Philosophy of Science (3)
- PHIL 4740 Biomedical Ethics (3)
- PHYS 3500 Electronics (3)
- PSYC 3140 Abnormal Psychology (3)
- PSYC 3510 Introduction to Research Design and Analysis (4)
- PSYC 3530 Advanced Research Design and Analysis-CTW (4)
- PSYC 4100 Cognitive Psychology (3)
- PSYC 4110 Physiological Psychology (3)
- PSYC 4120 Learning (3)
- PSYC 4130 Sensation and Perception (3)
- PSYC 4140 Introduction to Psychophysiology (4)
- PSYC 4630 Hormones and Behavior (4)

Microbiology Concentration

Recommended: Area F2

- BIOL 2300 Microbiology and Public Health (3)

Recommended: Area G2

- BIOL 3890 Microbiology Laboratory (1)

Required: Area G5

- All of the following courses are required (12):
    - BIOL 4428 Medical Microbiology (4)
    - BIOL 4458 Microbial Ecology and Metabolism (4)
    - BIOL 4575 Virology (4)
- Choose two of the following (8-9)
    - BIOL 4278 Immunology (4)
    - BIOL 4484 Laboratory Techniques in Applied and Environmental Microbiology (4)
    - BIOL 4580 Microbial Pathogenesis (4)
    - BIOL 4595 Microbial Physiology and Genetics (4)
    - BIOL 4696 Laboratory in Molecular Biological Techniques (4)
    - BIOL 4910 Undergraduate Research in Biology (1-5), on a subject related to microbiology
    - BIOL 4930 Topics in Biology (3-4)

Molecular Genetics and Cell Biology Concentration

Recommended: Area F2

- BIOL 2430 Frontiers in Biotechnology (2) ***or***
- BIOL 2800 Introduction to Molecular Biology (2)

Required: Area G5

- All of the following courses are required (9)
    - BIOL 3910 Genetics Laboratory (1) — can be used to satisfy Area G2
    - BIOL 4564 Advanced Genetics (4)
    - BIOL 4800 Principles of Cell Biology (4)
- Choose 14 hours (15 if Biol 3910 is used in G2) from the following:
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4248 Cell Physiology (4)
    - BIOL 4278 Immunology (4)
    - BIOL 4500 Human Genetics (4)
    - BIOL 4575 Virology (4)
    - BIOL 4580 Microbial Pathogenesis (4)
    - BIOL 4595 Microbial Physiology and Genetics (4)
    - BIOL 4630 Enzymology (4)
    - BIOL 4685 Functional Histology-CTW (4)
    - BIOL 4696 Laboratory in Molecular Biological Techniques (4)
    - BIOL 4744 Biostatistics (3)
    - BIOL 4910 Undergraduate Research in Biology (1-5), on a topic related to molecular

genetics and cell biology
    - BIOL 4930 Topics in Biology (3-4)

Preprofessional/Physiology Concentration

Recommended: Area F2

- BIOL 2300 Microbiology and Public Health (3)

Required: Area G5

- All of the following courses are required (12 or 11 if Biol 3250 is used in G2)
    - BIOL 3240 Human Physiology (3)
    - BIOL 3250 Human Physiology Laboratory (1)
    - BIOL 4240 Endocrinology (4)
    - BIOL 4246 Advanced Human Physiology (4)
- Choose three of the following (11-13)
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4094 Developmental Neurobiology (4)
    - BIOL 4102 Neurobiology (4)
    - BIOL 4115 Medical Neuroanatomy (4)
    - BIOL 4130 Sensation and Perception (3)
    - BIOL 4248 Cell Physiology (4)
    - BIOL 4278 Immunology (4)
    - BIOL 4428 Medical Microbiology (4)
    - BIOL 4500 Human Genetics (4)
    - BIOL 4575 Virology (4)
    - BIOL 4580 Microbial Pathogenesis (4)
    - BIOL 4685 Functional Histology-CTW (4)
    - BIOL 4744 Biostatistics (3)
    - BIOL 4800 Principles of Cell Biology (4)
    - BIOL 4910 Undergraduate Research in Biology (1-5)
    - BIOL 4930 Topics in Biology (3-4)

Graduation with Distinction

At least five hours of Biol 4910 and a grade-point average of 3.5 or higher in the major and minor area are required for graduation with distinction.

Minor Offerings and Double Major in Biology

Students who wish to minor in biology must take at least 15 hours in courses in biology, including at least nine hours at the 3000 level or above. Students are responsible for meeting all prerequisite requirements (such as Chem 1211K/1212K) for the biology courses they choose to take, and are strongly encouraged to take these prerequisites as early as possible in their academic career. Students taking more than 15 hours in courses in biology may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor. Students should

consult with the Undergraduate Director or Undergraduate Coordinator for more information.

Honors Programs

The department encourages qualified students to participate in the Honors College (visit honors.gsu.edu). The department sponsors a Biology Club, a Pre-Vet club, a Pre-Dental club and a local chapter of American Medical Student Association (AMSA) in addition to the Eta Psi chapter of Beta Beta Beta, the national honorary biological society. Interested students are encouraged to participate in these organizations.

Internships

Internships with collaborating institutions and programs (including ZooAtlanta, the Georgia Aquarium and the Bio-Bus program) are available on a limited basis. Students interested in receiving course credit for an internship should consult with the Undergraduate Director or Undergraduate Coordinator for more information.

Undergraduate Research Programs

Students are particularly encouraged to participate in the Undergraduate Research Program after completion of core requirements. Participation in an ongoing research activity provides the student with experience in experimental design and interpretation that is typically not available in routine laboratory courses. Students may enroll in BIOL 4905 for a total of 4 hours and/or BIOL 4910 for a total of 10 hours. Interested students should consult the departmental website for information on faculty research interests and contact one or more faculty members for development of a specific project.

Dual B.S./M.S. Program in Biology

The department offers a dual Bachelor of Science and Master of Science in Biology. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3180 Chemistry

Programs Offered:

- **Bachelor of Science in Chemistry**
  - **Concentration in Biochemistry**
  - **Concentration in Pre-Medicine**
- **Certification by the American Chemical Society**
- **Minor in Chemistry**
- **Dual B.S./M.S. in Chemistry**

Department of Chemistry
380 Petit Science Center
404/413-5500
chemistry.gsu.edu

Chair to be named
Jeremiah Harden, Co-director of Undergraduate Studies
Joan Mutanyatta-Comar, Co-director of Undergraduate Studies

Chemistry deals with the nature of all substances and the changes that occur therein. It ranges from the study of the structure of atoms and molecules to that of the reactions occurring in living organisms. The study of chemistry can provide knowledge that will give students a greater understanding and appreciation of the world in which they live. In addition, knowledge of chemistry is a great asset in areas such as biology, physics, and health-related fields. It is a logical basis for pre-medical training.

Each student is urged to consult with a faculty adviser at the earliest possible time (even before the first semester) to outline a curriculum to meet his or her needs. A typical program of study for chemistry majors is outlined below. Although not required, several minors are possible for chemistry majors.

Visit the major maps for this program at cas.gsu.edu/major/chemistry/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Academic Regulations

A grade of C or higher is required for all major and minor courses.

Program Degree Requirements

Alternatives are available to some core and major requirements. Please see a faculty adviser for specific guidelines.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

Chemistry Courses for Science Majors

Detailed descriptions of the objectives and prerequisites of each course are available in the Department of Chemistry. The student is urged to consult these descriptions if there is any doubt about requirements or qualifications. Laboratory courses and courses on principles are designed to be mutually reinforcing. The laboratory is the real basis for the science, but the lecture courses are designed to speed the learning process. The two parts are separated only to provide added flexibility in scheduling and to meet individual needs, particularly for transfer students. Great care should be exercised in scheduling one course without the other.

Chemistry Courses for Non-Science Majors

Chemistry 1050, 1101K-1102K and 1151K-1152K are of primary interest to students in liberal arts, health sciences, education, business administration, and policy studies. Students in specific programs should consult with an adviser in their program to verify applicability of the above-named courses to their specific needs. These courses cannot be applied to a science degree program in the College of Arts and Sciences.

B.S. in Chemistry

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1113 Precalculus (or a higher-level mathematics course) (3)
2. Recommended courses:
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)
3. Required course (choose one of the following or a higher level mathematics course):
    - MATH 2201 Calculus for the Life Sciences I (4) *
    - MATH 2202 Calculus for the Life Sciences II (4) *
    - MATH 2211 Calculus of One Variable I (4) *

* One credit hour will count in the second 60 hours beyond the core curriculum.

Area F: Courses Appropriate to the Major Field (18)

- CHEM 1211K Principles of Chemistry I (4) **
- CHEM 1212K Principles of Chemistry II (4) **
- PHYS 2211K Principles of Physics I (4)*
- PHYS 2212K Principles of Physics II (4)*
- CHEM 2010 Introduction to Quantitative Analysis (2)
- CHEM 2400 Organic Chemistry I (4)
- MATH 2212 Calculus of One Variable II (4)

* PHYS 1111K and PHYS 1112K can be substituted if approved by the Department of Chemistry.

** CHEM 1211K and CHEM 1212K must be taken here unless already taken in Area D. If already taken in Area D, then take PHYS 2211K and PHYS 2212K. Both Chem 1211K/1212K and Phys 2211K/2212K are required for graduation.

Area G: Major Courses (31)

1. Required Courses to fulfill CTW requirement (6)
    - CHEM 4000 Fundamentals of Chemical Analysis-CTW (3)
    - CHEM 4160 Chemistry Laboratory IVA-CTW (3)
2. Major Requirements (20)
    - CHEM 3100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 4010 Instrumental Methods I: Chromatography (3)
    - CHEM 4110 Physical Chemistry I (3)
    - CHEM 4120 Physical Chemistry II (3)
    - CHEM 4190 Instrumental Methods III: Spectroscopy (3)
3. Major Electives (5)
   Recommended course:

    - CHEM 4600 Biochemistry I (5) (required for ACS certification)

B.S. in Chemistry (Biochemistry concentration)

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1113 Precalculus (or a higher-level mathematics course) (3)
2. Recommended courses:
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)
3. Required course:
    - MATH 2201 Calculus for the Life Sciences 1 (4) or MATH 2211 Calculus of One Variable I (or a higher level mathematics course) (4) *

* One credit hour will count in the second 60 hours beyond the core curriculum.

Area F: Courses Appropriate to the Major Field (18)

- CHEM 1211K Principles of Chemistry I (4) **
- CHEM 1212K Principles of Chemistry II (4) **
- PHYS 2211K Principles of Physics I (4)*
- PHYS 2212K Principles of Physics II (4)*
- CHEM 2010 Introduction to Quantitative Analysis (2)
- CHEM 2400 Organic Chemistry I (4)

- MATH 2201 Calculus for the Life Sciences 1 (4) or MATH 2212 Calculus of One Variable II (4)

* PHYS 1111K and PHYS 1112K can be substituted if approved by the Department of Chemistry.

** CHEM 1211K and CHEM 1212K must be taken here unless already taken in Area D. If already taken in Area D, then take Phys 2211K and 2212K. Both Chem 1211K/1212K and Phys 2211K/2212K are required for graduation.

Area G: Major Courses (30)

1. Required Courses to fulfill CTW requirement (6)
    - CHEM 4000 Fundamentals of Chemical Analysis (3)
    - CHEM 4160 Chemistry Laboratory IVA (3)
2. Major Requirements (19)
    - CHEM 3100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 4010 Instrumental Methods I: Chromatography (3)
    - CHEM 4110 Physical Chemistry I (3) or Chem 4150 Intro to Biophysical Chemistry (3)
    - CHEM 4600 Biochemistry I (5)
3. Major Electives (5) Suggested CHEM 4610 3 hours

Area H: Biochemistry Concentration (17)

- BIOL 2107K Principles of Biology I (4)
- BIOL 2108K Principles of Biology II (4)
- BIOL 3800 Molecular Cell Biology (3)
- BIOL 3810 Molecular Cell Biology Lab – CTW (3)
- BIOL 3880 Microbiology (3) or BIOL 3900 Genetics (3)

Students majoring in chemistry must take additional courses as electives to complete a minimum of 120 hours, exclusive of 1000/2000 physical education or military science courses. The department recommends that majors take computer and/or foreign language courses.

B.S. in Chemistry (Pre-Medicine Concentration)

A pre-medicine concentration is available for chemistry majors. Please contact the Department of Chemistry for further information.

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1113 Precalculus (or a higher-level mathematics course) (3)
2. Recommended courses:
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212KPrinciples of Chemistry II (4)

3. Required course:
    - MATH 2201 Calculus for the Life Sciences I (4) or MATH 2211 Calculus of One Variable I (or a higher level mathematics course) (4) *

* One credit hour will count in the second 60 hours beyond the core curriculum.

Area F: Courses Appropriate to the Major Field (18)

- CHEM 1211K Principles of Chemistry I (4) **
- CHEM 1212K Principles of Chemistry II (4) **
- PHYS 2211K Principles of Physics I (4)*
- PHYS 2212K Principles of Physics II (4)*
- CHEM 2010 Introduction to Quantitative Analysis (2)
- CHEM 2400 Organic Chemistry I (4)
- MATH 2202 Calculus for the Life Sciences II (4) or MATH 2212 Calculus of One Variable II (4)

* Phys 1111K and 1112K can be substituted if approved by the Department of Chemistry.
** Chem 1211K and 1212K must be taken here unless already taken in Area D. If already taken in Area D, then take Phys 2211K and 2212K. Both Chem 1211K/1212K and Phys 2211K/2212K are required for graduation.

Area G: Major Courses (30)

1. Required Courses to fulfill CTW requirement (6)
    - CHEM 4000 Fundamentals of Chemical Analysis (3)
    - CHEM 4160 Chemistry Laboratory IVA (3)
2. Major Requirements (19)
    - CHEM 3100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 4010 Instrumental Methods I: Chromatography (3)
    - CHEM 4110 Physical Chemistry I (3) or CHEM 4150 Intro to Biophysical Chemistry (3)
    - CHEM 4600 Biochemistry I (5)
3. Major Electives (5) Suggested CHEM 4610 3 hours

Area H: Pre-Medical Concentration (15)

- BIOL 2107K Principles of Biology I (4)
- BIOL 2108K Principles of Biology II (4)
- BIOL 3800 Molecular Cell Biology (3)
- BIOL 3880 Microbiology (3) / BIOL 3890 Microbiology Laboratory (1) or BIOL 3900 Genetics (3) /BIOL 3910 Genetics Laboratory (1)

Students majoring in chemistry must take additional courses as electives to complete a minimum of 120 hours, exclusive of 1000/2000 KH or military science courses.

American Chemical Society Certification

For American Chemical Society certification, students must take Chem 4600 in Area G, and an additional ten hours of coursework as follows:

1. Required Courses (10)
    - CHEM 4210 Inorganic Chemistry (3)
    - CHEM 4330 Advanced Synthesis (3)
2. Elective Courses (4)
    - CHEM 4170 Chemistry Laboratory IVB (4) strongly recommended
    - CHEM 4170 can be substituted by other approved courses (must be different than major elective courses)

Minor in Chemistry

Students who wish to minor in chemistry must take at least 15 hours in courses in chemistry, including at least nine hours at the 3000 level or above. Students taking more than 15 hours in courses in chemistry may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Dual B.S. / M.S. Program in Chemistry

The department offers a dual Bachelor of Science and Master of Science in Chemistry.The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3183 Chinese Studies

Program Offered:

- **Interdisciplinary Minor in Chinese Studies**

Andrew Wedeman, Program Coordinator
awedeman@gsu.edu

Program Degree Requirements

Interdisciplinary Minor in Chinese Studies

The Chinese Studies minor gives under graduates in a wide variety of majors the opportunity to take an interdisciplinary set of courses that can combine social sciences, humanities, language, and other disciplines relating to China and Chinese culture. The minor thus provides students with the opportunity to highlight their area studies background and prepares them for higher-level studies on China, Chinese culture and language. Chinese studies minors are highly encouraged to participate in a study abroad program either in China or Hong Kong.

Students who wish to minor in Chinese Studies should complete 15 credit hours including at least nine credit hours at the 3000 level or above. Students must complete at least 6 hours in a CHIN course and may obtain credit for no more than two courses from a single other course prefix. A grade of C or higher is required in all minor courses.

Current courses available for the minor include:

CHIN 1002 Elementary Chinese II (3) (if not counted in core Area C)
CHIN 2001 Intermediate Chinese I (3) (if not counted in core Area C)
CHIN 2002 Intermediate Chinese Ii (3) (if not counted in core Area C)
CHIN 3001 Advanced Chinese I
CHIN 3002 Advanced Chinese II
CHIN 3080 Topics in Chinese Studies (CTW)
CHIN 3081 Cultural Dimensions of Language Learning (CTW)
CHIN 3395 Study Abroad (3)
CHIN 3396 Study Abroad (3)
CHIN 3397 Study Abroad (3)
CHIN 4995 Directed Readings B.I.S-CTW (3-4)
HIST 3700 China and Japan To 1600 (4)
HIST 3710 China and Japan Since 1600 (4)
HIST 4890 Topics In World History (3-4) (if China-related)
POLS 4257 Chinese Politics (3)
POLS 4290 Studies In Comparative Politics (if China-related) (3)
POLS 4465 China In the International System (3)
POLS 4490 Studies In International Relations (if China-related) (3)
POLS 4900 Senior Seminar – CTW (if China-Related) (3)
POLS 4920 Directed Reading And Research (if China-related) (3)

PT 3660 Comp & Alternative Therapies (3)
PT 4130 Tai Chi: Therapeutic Exercise (3)
PT 4140 Tai Chi- Therapeutic Exercise (3)
RELS 4615/PHIL 4615 Buddhism (3)
RELS 4620/PHIL 4620 Confucianism and Taoism (3)
RELS 4622 Classical Chinese Philosophy (3)
RELS 4628 Topics In Asian Religion (if China-related) (3)

3185 Chinese Language and Society

Program Offered:

- **Bachelor of Arts in International Economics and Modern Languages**
  - **Concentration in Chinese Language and Culture**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

Bill Nichols, Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of foreign languages, literatures, and cultures; to teach foreign languages as a means of communication; and to prepare students for academic careers and the opportunities available in the field of international business. As part of a dynamic urban university in a city of growing international awareness and status, the department is fulfilling its responsibility to meet the increasing foreign language needs of the governmental, business, and professional communities. The department recognizes that an active command of the foreign language and a thorough exploration of the foreign culture form an essential basis for further study in the various areas of its curriculum. To this end, the department sponsors a study-abroad program in Perugia, Italy.

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials, including an extensive collection of videos, CD Roms and DVDs.

For students who view language study as a preparation for a career in the business world, the department offers a program in conjunction with the Andrew Young School of Policy Studies: the Bachelor of Arts Major in International Economics and Modern Languages (IEML).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

Bachelor of Arts in International Economics and Modern Languages with a Concentration in Italian

Students majoring in this program should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at www.aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the

B. A. program with a major in international economics and modern languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

In addition to courses in the language major, you are advised to choose courses in other areas that complement your language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advis0rs in the department are eager to discuss your academic plans with you as you design your course of study. In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Area F: Courses Appropriate to the Major (18)

1. ECON 2105 Principles of Macroeconomics
2. ECON 2106 Principles of Microeconomics
3. MATH 1070 Elementary Statistics – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
4. Choose one of the following language options:
    - CHIN 2001 Intermediate Chinese I
    - CHIN 2002 intermediate Chinese II
      Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: CHIN 1001 and/or CHIN 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C, Humanities and Fine Arts.
      Students who have already attained intermediate-level competency in the primary language

may substitute 1000/2000 level courses in another language for CHIN 2001/CHIN 2002) upon approval of the Department of World Languages and Cultures advisor.

5. Elective: One 1000/2000 level course chosen from Areas A-E.

Area G: Economics Common Core Curriculum (24)

A minimum grade of C is required for all courses in this area.

1. ECON 3900 Macroeconomics-CTW
2. ECON 3910 Microeconomics
3. ECON 4600 Economic Development
4. ECON 4800 International Trade
5. ECON 4810 International Finance
6. ECON 4999 Senior Capstone in Economic Policy-CTW*
7. Choose two 4000-level Econ courses (6)
   *ECON 4999 is only offered during the Fall and Spring semesters of the academic year. The prerequisites for ECON 4999 are ECON 3900, ECON 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Area H: Modern Languages Common Core (24)

A minimum grade of C is required for all courses in this area.
Chinese Language and Society:

1. CHIN 3001 Advanced Chinese I
2. CHIN 3002 Advanced Chinese II
3. CHIN 3080 Topics in Chinese Studies (C.T.W.)
4. CHIN 3081 Cultural Dimensions of Language Learning (C.T.W.)
5. IB 4030 China's Economy and International Business Environment
6. CHIN 4011 Chinese for International Business I (proposed in Fall 2013)
7. CHIN 4012 Chinese for International Business II (proposed in Fall 2013)
8. Choose 1 from the following list of courses (3)
   - CHIN 3395 Study Abroad
   - CHIN 3396 Study Abroad
   - CHIN 4995 Directed reading
   - AH 4800 Special Studies Lecture (if Chinese Art)
   - HIST 3700 China and Japan to 1600
   - HIST 3710 China and Japan since 1600
   - HIST 4890 Topics in World history (if China)
   - POLS 4465 China and the International System
   - POLS 4257 Chinese Politics
   - PT 4130 Taichi: Therapeutic Exercise
   - PT 4140 Taichi Therapeutic Exercise
   - RELS 4622 Classical Chinese Philosophy
   - RELS 4620 Confucianism and Taoism
   - RELS 4615 Buddhism

- RELS 4628 Topics in Asian Religion (if China-related)

Area I: Electives (12)

Choose any four 3000/4000 level courses, in consultation with the academic advisor.
Total Semester Hours for Degree: 120

3190 Classical Studies

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Classical Studies**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Gerard Pendrick, Program Advisor

This program recognizes the interdisciplinary nature of classical studies and provides the student the opportunity of pursuing a degree in Latin language and literature in the broader context of related disciplines including history, music, philosophy, religious studies, and art history. Concentrations in Latin and the writings of authors from Antiquity, as well as an allied field in ancient civilization will enhance the student's knowledge of classical studies and their influence. Students seeking certification for teaching Latin or those who intend to pursue graduate education in classical studies will find this program appropriate to their goals. For students interested in this program, please contact the faculty coordinator, Dr. Gerard Pendrick (gpendrick@gsu.edu), or the Chair of the Department of World Languages and Cultures at 404/413-5980.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. with a Concentration in Classical Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (0 to 6) [Students entering with equivalences from earlier studies of Latin should start at the appropriate level. Please consult the Department for further information.]
    - LATN 2001 Intermediate Latin (3)
    - LATN 2002 Latin Prose (3)
2. Select additional courses to complete 18 hours:
    - GRKA 1001 Elementary Ancient Greek I (3)
    - GRKA 1002 Elementary Ancient Greek II (3)
    - GRKA 2001 Intermediate Ancient Greek I (3)
    - GRKA 2002 Intermediate Ancient Greek II (3)
    - CLAS 2201 Greek Drama (3)
    - CLAS 2202 Classical Epic (3)
    - CLAS 2203 Greek and Roman Mythology (3)
    - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
    - EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
    - EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
    - EDUC 2130 Exploring Learning & Teaching (3)
    - PHIL 2010 Introduction to Philosophy (3)
    - or any 1000 or 2000-level foreign language in another language.

Area G: Area of Concentration — Classical Studies (24-30)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Courses to fulfill CTW requirement (6)
    - Two courses numbered 4995 in the student's primary discipline (Latn, Phil, or RelS).
2. Latin. Select three to four courses (9-12):
    - LATN 4001 Vergil's *Aeneid* (3)
    - LATN 4012 Horace (3)
    - LATN 4013 Cicero (3)
    - LATN 4035 Vergil's Early Poetry (3)
    - LATN 4036 Historical Latin Prose (3)
    - LATN 4070 Seminar in Latin Prose and Poetry (3)
    - LATN 4075 Prose Composition (3)
3. Ancient Thought. Select three to four courses (9-12):
    - PHIL 3010/RELS 3010 History of Western Philosophy I: Ancient and Medieval (3)
    - PHIL 4010 Plato (3)
    - PHIL 4020 Aristotle (3)
    - PHIL 4030 Topics in Ancient Philosophy (3)
    - PHIL 4950/RELS 4950 Independent Research (1-3)
    - POLS 3530 Classical and Early Modern Political Thought (3)
    - RELS 3250 Biblical Studies (3)
    - RELS 4295 Religion, Sport and Spirituality (3)

Area H: Allied Field (Ancient Civilization and Its Influences) (15-21)

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

- AH 4010 Art of Ancient Egypt and Nubia (3)
- AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 B.C. (3)
- AH 4012 Art and Architecture of Ancient Egypt II: 1600-31 B.C. (3)
- AH 4020 Art and Architecture of Ancient Near East (3)
- AH 4110 Art and Architecture of Ancient Greece (3)
- AH 4120 Art and Architecture of Ancient Rome (3)
- AH 4320 Italian Renaissance Art: The Age of Humanism (3)
- HIST 3500 The Ancient Mediterranean (4)
- HIST 4510 Origins and Collapse of Ancient Near Eastern Societies (4)
- HIST 4520 Ancient Persia, Greece, and Rome (4)
- LATN 4040 Medieval Latin (3)
- MUS 4800 Music History from Antiquity through the Baroque Period (3)
- PHIL 4040/RELS 4040 Augustine and Aquinas (3)
- POLS 4520 Theories on Democracy (3)
- THEA 4070 Western Theatre History-CTW (3)

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation

Area K: Courses Required for Teacher Certification (Optional)

1. Select enough additional Latin courses at the 3000-4000 level to total at least 24 hours
2. Required Courses (15):
    - EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
    - EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
    - EDUC 2130 Exploring Learning & Teaching (3)
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
    - FORL 4021 Foreign Language Teachers and Technology (3)
    - Must apply and be accepted into the teacher certification program in order to take the courses below:
3. Required Course (6):
    - FORL 4027 Methods and Materials for Teaching Latin: P-12 (3)
    - FORL 4030 Practicum in Foreign Language Education (3)
4. Required Courses (12):
    - FORL 4650 Opening School Experience (0)
    - FORL 4061 Student Teaching in Foreign Languages (4)
    - FORL 4062 Student Teaching in Foreign Languages (4)
    - FORL 4063 Student Teaching in Foreign Languages (4)

Student Teaching in Foreign Languages (Student Teaching: Must apply in advance.

To apply, students must have:

- earned a 2.5 overall cumulative GPA;
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Georgia Assessments for the Certification of Educators (GACE): The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA: edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the BIS program while continuing to complete teacher certification requirements for edTPA.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3200 Community Studies

The Community Studies concentration of the Bachelor of Interdisciplinary Studies will no longer accept new students and is in the process of being deactivated.

3210 Computer Science

Programs Offered:

- **Bachelor of Science in Computer Science**
  - **Concentration in Computer Software Systems**
  - **Concentration in Databases and Knowledge-based Systems**
  - **Concentration in Graphics and Human-Computer Interaction**
  - **Concentration in Hardware Systems**
  - **Concentration in Networks and Parallel and Distributed Computing**
  - **Concentration in Theoretical Computer Science**
- **Dual Degree Programs**
  - **Bachelor of Science and Master of Science in Computer Science**
  - **Bachelor of Science in Computer Science with the Master of Science in Health Administration (Health Informatics specialization)**
  - **Bachelor of Science in Computer Science with the Master of Science in Information Systems**
- **Minor in Computer Science**

Department of Computer Science
7th floor, 25 Park Place Building (beginning fall 2014)
404/413-5700
cs.gsu.edu

Raj Sunderraman, Acting Chair
Anu Bourgeois, Director of Undergraduate Studies

Computer science is the systematic exploration of all aspects of computation. Computer science as a discipline seeks to build a scientific foundation for topics such as computer design, computer programming and software, information processing, algorithmic solutions to problems, and the algorithmic process itself. Computer science provides underpinnings for today's applications in industry, science, government, and business and prepares the foundation for tomorrow's applications in ubiquitous computing, medical cures for diseases, and instant access to information by everyone.

The B.S. degree program in computer science provides preparation in the fundamental principles and processes of computation and training in applying these principles in application areas in industry, science, government, and business. The student completes a basic group of required courses in the early stages and chooses courses from several concentrations in the later stages to provide for appropriate breadth and depth of knowledge in the discipline.

A B.S. degree in computer science provides a good foundation for advanced studies at the M.S. or Ph.D. level as well as for careers in industry, science, government, and business. To plan the major according to particular goals, students are encouraged to consult with an adviser in the department. Majors who are interested in having a paid work experience related to their area of study should contact the university's Office of Cooperative Education, which coordinates the university's cooperative education programs.

The courses are structured, and the department enforces the prerequisites for its courses. Students are

urged to check and take the prerequisites for computer science courses and any computer science requirement as listed by their major department/school/institute. Refer any questions to that major department/school/institute or to the Department of Computer Science.

Visit the major maps for this program at cas.gsu.edu/major/computer-science/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Academic Regulations

A minimum grade of C is required in all mathematics, physics, and computer science courses and all 3000-level or above courses that are used to fulfill the undergraduate programs of this department.

As part of the core curriculum, students must receive credit for the two calculus courses: Math 2211 and Math 2212. (When counting the number of semester hours in Areas A, D, and F, only 3 of the 4 credit hours of each calculus course will be counted in Area A and/or D. The fourth hour, or the "rollover hour," will be counted in Area F.)

Prerequisites and co-requisites are strictly enforced in all computer science courses.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Computer Science

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1113 Precalculus (3) or higher-level mathematics course
2. Required course:
    - MATH 2211 Calculus of One Variable I (4) (or higher-level mathematics course) (One credit hour counts in Area F.)
    - PHYS 2211K Principles of Physics I (4)
    - PHYS 2212K Principles of Physics II (4)

Area F: Courses Appropriate to the Major Field (18)

1. Required Course(s): Select the course(s) not taken in Area A or D. (9-13)
    - MATH 2212 Calculus of One Variable II (4)
    - CSC 2010 Principles of Computer Science (3)
    - CSC 2310 Principles of Computer Programming (3)
    - CSC 2510 Theoretical Foundations of Computer Science (3)
2. Select additional courses to complete 18 hours in Area F. (0-4)
    - ACCT 2101, ACCT 2102, BIOL 1103K, BIOL 1104K, CHEM 1211K, CHEM 1212K, CHEM 2400, ECON 2105, ECON 2106, Lang 2001 and Lang 2002, LATN 2002, and PHIL 1010.

Area G: Major Requirements (48)

1. Required Courses to fulfill CTW requirement (7)
    - CSC 3410 Data Structures (3)
    - CSC 4350 Software Engineering (4)
2. MATH 3030 Mathematical Models for Computer Science (3)
3. Computer Science Requirements (18)
    - CSC 3210 Computer Organization and Programming (3)
    - CSC 3320 System-Level Programming (3)
    - CSC 4210 Computer Architecture (4)
    - CSC 4330 Programming Language Concepts (4)
    - CSC 4520 Design and Analysis of Algorithms (4)
4. For a total of twenty (20) hours, select at least three courses from within one of the following concentrations and at least two additional courses from among the courses strictly outside your chosen concentration.

Computer Software Systems Concentration

- CSC 4110 Introduction to Embedded Systems Laboratory (4)
- CSC 4310 Parallel and Distributed Computing (4)
- CSC 4320 Operating Systems (4)
- CSC 4340 Introduction to Compilers (4)
- CSC 4360 Network-Oriented Software Development (4)
- CSC 4370 Web Programming (4)
- CSC 4380 Windowing Systems Programming (4)
- and other 4000-level courses approved by the Department

Databases and Knowledge-based Systems Concentration

- CSC 4260 Digital Image Processing (4)
- CSC 4360 Network-Oriented Software Development (4)
- CSC 4370 Web Programming (4)
- CSC 4710 Database Systems (4)
- CSC 4740 Data Mining (4)
- CSC 4810 Artificial Intelligence (4)
- and other 4000-level courses approved by the Department

Graphics and Human-Computer Interaction Concentration

- CSC 4260 Digital Image Processing (4)
- CSC 4380 Windowing Systems Programming (4)
- CSC 4720 Human-Computer Interaction (4)
- CSC 4730 Data Visualization (4)
- CSC 4820 Interactive Computer Graphics (4)
- CSC 4840 Computer Graphics Imaging (4)
- CSC 4841 Computer Animation (3)
- and other 4000-level courses approved by the Department

Hardware Systems Concentration

- CSC 4110 Introduction to Embedded Systems Laboratory (4)
- CSC 4120 Introduction to Robotics (4)
- CSC 4220 Computer Networks (4)
- CSC 4230 VLSI Design (4)
- CSC 4270 Introduction to Digital Signal Processing (4)
- CSC 4630 Introduction to Matlab Programming (4)
- and other 4000-level courses approved by the Department

Networks and Parallel and Distributed Computing Concentration

- CSC 4220 Computer Networks (4)
- CSC 4221 Wireless Networks and Mobile Computing (4)
- CSC 4225 Internetwork Programming (4)
- CSC 4310 Parallel and Distributed Computing (4)
- CSC 4320 Operating Systems (4)
- CSC 4830 System Simulation (4)
- and other 4000-level courses approved by the Department

Theoretical Computer Science Concentration

- CSC 4340 Introduction to Compilers (4)
- CSC 4510 Automata (4)
- CSC 4610 Numerical Analysis I (3)
- CSC 4620 Numerical Analysis II (3)
- and other 4000-level courses approved by the Department

Area H: Minor and Additional Courses (12)

1. 12 hours of additional courses taken at the 2000-4000 level. (12)
2. Students earning a B.S. in the Department of Computer Science are not required to complete a minor.
3. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Minor in Computer Science

Students choosing to minor in computer science should complete CSc 2310 and 3410 and nine hours of additional computer science courses at the 3000 level or above. Consultation with an adviser in computer science is recommended. Students majoring in mathematics may not include CSc 4610 or 4620 in the minor.

Dual Bachelor's/Master's Degree Programs

The department offers the following dual degree programs, the last two in partnership with the J. Mack Robinson College of Business:

- Bachelor of Science and Master of Science in Computer Science
- Bachelor of Science in Computer Science with the Master of Science in Health Administration (Health Informatics specialization)
- Bachelor of Science in Computer Science with the Master of Science in Information Systems

Students must be formally accepted into the dual degree program by the participating departments and colleges to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3220 English

Programs Offered:

- **Bachelor of Arts in English**
  - **Concentration in Creative Writing**
  - **Concentration in Literature**
  - **Concentration in Pre-Education/Secondary English**
  - **Concentration in Rhetoric and Composition**
- **British-American Joint Studies Program Concentration**
- **Minor in English**
- **Minor in Folklore**

Department of English
23rd Floor, 25 Park Place Building
404/413-5800
english.gsu.edu

Randy Malamud, Chair
Audrey Goodman, Associate Chair
Stephen B. Dobranski, Director of Undergraduate Studies
Lynée Lewis Gaillet, Director of Lower Division Studies
Josh Russell, Director of Creative Writing

The Department of English is concerned with the study of language and literature and with the craft of writing considered integral to education since ancient times. Although the department concentrates on texts written in English by authors from Great Britain, Ireland, and the United States, it also examines translations of texts from other languages as well as newly emerging literatures in English from other cultural perspectives. Students may also encounter practices that are not, strictly speaking, "writing" at all, such as oral compositions, hypertexts, and folk art.

In the first year, all students in the university take courses in the fundamentals of college-level writing and in the reasoned analysis of texts. Other English courses that form part of the core curriculum provide students with opportunities to study topics in world literature or surveys of British, American, and World literature.

English majors may concentrate in one of four areas: literature, advanced composition and rhetoric, creative writing, and secondary English (pre-education). Before choosing their concentrations, all English majors have the opportunity at the sophomore level to gain a broad foundation in English and American literature and studies in literature or rhetoric. Then, with the help of their advisers, majors choose upper-division courses, which allow them to pursue their interests in more depth. Finally, students study within their chosen concentrations in seminars designed as capstones for the major.

In addition, the department's joint studies program with the University of Northumbria in Newcastle, England, offers Georgia State University English and history majors the opportunity to complete their degrees with a concentration in British and American Cultures.

On successfully completing their studies, English majors will have acquired a sensitivity to the written word and an appreciation for the creative process. They will have developed their skills in organization, writing, and interpretation. English courses offer students the opportunity to discover their own insights and to articulate them with precision.

Majors who concentrate in literature take a range of courses that afford them opportunities tread poetry, prose, and drama from a variety of historical periods and cultural groups. These literature courses seek to promote students' verbal acuity and abilities at thoughtful evaluation.

Closely related to the study of literature is the department's creative writing program. Faculty in this program guide students as they practice and refine their work in the genres of poetry and fiction.

Students who concentrate in rhetoric and composition learn about the history, theory, and practice of writing to specific audiences for particular purposes. In this concentration, students may focus on either historical rhetoric and the teaching of composition or writing within business and technical environments. Courses in this area allow students to explore the history and theory of writing as applied to the teaching of composition and to writing practices in the workplace.

English majors who wish to teach English in secondary schools integrate studies of literature, language, and composition with a senior seminar that combines these areas with pedagogy.

The Department of English offers courses in the related field of folklore. Georgia State University is the only institution in the state offering a wide selection of folklore courses.

A number of courses in the Department of English have an interdisciplinary approach, and several are crosslisted with other units within the university, such as the Department of African-American Studies and the Institute for Women's, Gender, and Sexuality Studies.

Because of the dynamic and varied nature of our discipline, many of the courses offered (especially on the 4000 level) focus on specific topics not indicated in detail here. Students should inquire in the department office for further information about courses.

Visit the major maps for this program at cas.gsu.edu/major/english/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

All English majors planning to take any upper-division literature courses must fulfill the appropriate three prerequisite courses (ENGL 2120, ENGL 2130, and either ENGL 3040 or ENGL 3050) with a grade of C or higher. All English minors who plan to take British Literature courses must have completed ENGL 2120 with a grade of C or higher and all English minors planning to take American literature courses must have completed ENGL 2130 with a grade of C or higher.

The department requires a minimum of 30 semester hours in upper-division English, with no more than 11 being transferred credits. The College of Arts and Sciences requires that students pass all upper-division courses in their majors with a grade of C or higher.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in English

Area F: Courses Appropriate to the Major Field (18)

1. Foreign Language (6)
    - Lang 2001 Intermediate Language I (3)
    - Lang 2002 Intermediate Language II (3)
2. Required Courses (6)
    - ENGL 2120 British Literature (3)
    - ENGL 2130 American Literature (3)
3. Select two electives from area C or HIST 1111, HIST 1112, HIST 1140, AAS 2010, or WGSS 2010. (6)

Area G: Major Courses (30)

A grade of C or higher is required in all major courses. The English major requires ten upper-division courses (30 semester hours) distributed as described below. The same course may not be used to satisfy more than one of the listed requirements. Each of the four concentrations within the major has specific requirements as outlined here. Students should consult the department for specific information about which courses offered in each two-year sequence will fit the requirements for each concentration. All students are encouraged to pursue internships (ENGL 4500).

Creative Writing Concentration

1. Required Courses to fulfill CTW requirement (6)
    - ENGL 3040 Introduction to Literary Studies-CTW (3) and
    - ENGL 4310A Senior Seminar: Workshop in Poetry-CTW (3) or
    - ENGL 4310B Senior Seminar: Workshop in Fiction-CTW (3)
      The Department of English requires that students fulfill areas 7 and 8 before taking the Senior Seminar in their chosen genre. Majors must have completed at least twelve semester hours of upper-division English course work before registering for 4310A or 4310B.
2. Select one course. (3)
    - ENGL 3150A Introduction to Creative Writing: Poetry (3)
    - ENGL 3150B Introduction to Creative Writing: Fiction (3)
    - Students must be consistent in their choice of genre (poetry (A) or fiction (B)) for areas 2, 3, 4, and the Senior Seminar. Students must fulfill area 2 before areas 3, 4, and the Senior Seminar.
3. Select one course. (3)
    - ENGL 3160 Narrative Techniques (3)
    - ENGL 3170 Poetic Techniques (3)
    - Students must be consistent in their choice of genre (poetry (A) or fiction (B)) for areas 2, 3, 4 and the Senior Seminar. Students must fulfill areas 3 and 4 before the Senior Seminar.
4. Select one course. (3)

- ENGL 3180A Contemporary Poetry (3)
- ENGL 3180B Contemporary Fiction Craft (3)
- Students must be consistent in their choice of genre (poetry (A) or fiction (B)) for areas 2, 3, 4 and the Senior Seminar. Students must fulfill areas 3 and 4 before the Senior Seminar.

5. British Literature I: Select two courses, including one in a single writer. (6)
    - ENGL 3280 English Drama (3)*
    - ENGL 3300 Medieval English Literature (3)
    - ENGL 3400 Sixteenth-Century English Literature (3)
    - ENGL 3410 Early and Middle Seventeenth-Century English Literature (3)
    - ENGL 3980 Women's Literature I (3)*
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
    - ENGL 4202 Special Topics in British Literature (3)*
6. British Literature II: Select one course. (3)
    - ENGL 3280 English Drama (3)*
    - ENGL 3290 English Fiction (3)*
    - ENGL 3500 Restoration and Earlier Eighteenth-Century English Literature (3)
    - ENGL 3510 Later Eighteenth-Century English Literature (3)
    - ENGL 3600 Early British Romantic Literature (3)
    - ENGL 3605 Late British Romantic Literature (3)
    - ENGL 3610 Victorian Poetry and Nineteenth-Century Non-Fiction (3)
    - ENGL 3700 English Literature: 1900-1945 (3)
    - ENGL 3710 English Literature: 1945-Present (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3980 Women's Literature I (3)*
    - ENGL 4100 Study of a Single Author (3)
    - ENGL 4202 Special Topics in British Literature (3)*
7. American Literature: Select one course. (3)
    - ENGL 3800 Early American Literature (3)
    - ENGL 3810 American Literature: 1820-1865 (3)
    - ENGL 3820 American Literature: 1865-1914 (3)
    - ENGL 3850 American Poetry (3)*
    - ENGL 3870 American Fiction (3)*
    - ENGL 3880 American Non-Fiction Prose (3)*
    - ENGL 3990 Women's Literature II (3)*
    - ENGL 4100 Study of a Single Author (3)
    - ENGL 4202 Special Topics in American Literature (3)
8. Literature, Language, Criticism, and Theory Elective: Select one course. (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3140 Editing for Publication (3)
    - ENGL 3200 Introduction to the English Language (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3230 History of Literary Criticism I (3)
    - ENGL 3240 History of Literary Criticism II (3)

- ENGL 3250 Topics in Contemporary Theory (3)
- ENGL 3260 Theories of Popular Culture (3)
- ENGL 3280 English Drama (3)*
- ENGL 3290 English Fiction (3)*
- ENGL 3700 English Literature: 1900-1945 (3)
- ENGL 3710 English Literature: 1945-Present (3)
- ENGL 3720 Twentieth-Century English Poetry (3)
- ENGL 3830 American Literature: 1914-1945 (3)
- ENGL 3840 American Literature: 1945-Present (3)
- ENGL 3850 American Poetry (3)*
- ENGL 3860 American Drama (3)
- ENGL 3870 American Fiction (3)*
- ENGL 3880 American Non-Fiction Prose (3)*
- ENGL 3890 Contemporary American Ethnic Literatures (3)
- ENGL 3900 Irish Literature (3)
- ENGL 3910 The Tradition of Children's and Young Adults' Literature (3)
- ENGL 3920 Southern Literature (3)
- ENGL 3930 Modern Drama (3)
- ENGL 3940 Postcolonial Literature (3)
- ENGL 3950 African-American Literature (3)
- ENGL 3955 Language in the African-American Community (3)
- ENGL 3960 African-American Literature by Women (3)
- ENGL 3965 African Literature (3)
- ENGL 3970 Caribbean Literature (3)
- ENGL 3990 Women's Literature II (3)
- ENGL 3995 Feminist Literary Criticism (3)
- ENGL 4201 Special Topics in American Literature; ENGL 4202 Special Topics in British Literature; ENGL 4204 Special Topics: Literature, Criticism, & Theory Elective; or ENGL 4205 Special Topics in Creative Writing (3)*

* This course varies in subject matter; students must receive written permission from their departmental advisers to apply one of these courses to a specific area.

Literature Concentration

1. Required Courses to fulfill CTW requirement (6)
    - ENGL 3040 Introduction to Literary Studies-CTW (3)
    - ENGL 4300 Senior Seminar: Literary Studies-CTW (3) Majors must have completed at least twelve semester hours of upper-division English course work before registering for Engl 4300.
2. British Literature I: Select two courses, including one in a single writer. (6)
    - ENGL 3280 English Drama (3)*
    - ENGL 3300 Medieval English Literature (3)
    - ENGL 3400 Sixteenth-Century English Literature (3)
    - ENGL 3410 Early and Middle Seventeenth-Century English Literature (3)
    - ENGL 3980 Women's Literature I (3)*

- ENGL 4110 Chaucer (3)
- ENGL 4130 Shakespeare, Earlier Works (3)
- ENGL 4140 Shakespeare, Later Works (3)
- ENGL 4150 Milton (3)
- ENGL 4202 Special Topics in British Literature (3)*

3. British Literature II: Select one course. (3)
    - ENGL 3280 English Drama (3)*
    - ENGL 3290 English Fiction (3)*
    - ENGL 3500 Restoration and Earlier Eighteenth-Century English Literature (3)
    - ENGL 3510 Later Eighteenth-Century English Literature (3)
    - ENGL 3600 Early British Romantic Literature (3)
    - ENGL 3605 Late English Romantic Literature (3)
    - ENGL 3610 Victorian Poetry and Nineteenth-Century Non-Fiction (3)
    - ENGL 3700 English Literature: 1900-1945 (3)
    - ENGL 3710 English Literature: 1945-Present (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3980 Women's Literature I (3)*
    - ENGL 4100 Study of a Single Author (3)
    - ENGL 4202 Special Topics in British Literature (3)*
4. American Literature: Select two courses. (6)
    - ENGL 3800 Early American Literature (3)
    - ENGL 3810 American Literature: 1820-1865 (3)
    - ENGL 3820 American Literature: 1865-1914 (3)
    - ENGL 3830 American Literature: 1914-1945 (3)
    - ENGL 3840 American Literature: 1945-Present (3)
    - ENGL 3850 American Poetry (3)*
    - ENGL 3860 American Drama (3)
    - ENGL 3870 American Fiction (3)*
    - ENGL 3880 American Non-Fiction Prose (3)*
    - ENGL 3890 Contemporary American Ethnic Literatures (3)
    - ENGL 3920 Southern Literature (3)
    - ENGL 3950 African-American Literature (3)
    - ENGL 3960 African-American Literature By Women (3)
    - ENGL 3990 Women's Literature Ii (3)*
    - ENGL 4100 Study Of A Single Author (3)*
    - ENGL 4201 Special Topics in American Literature
5. Literature Electives: Select one course. (3)
    - ENGL 3180A Contemporary Poetry (3)
    - ENGL 3180B Contemporary Fiction Craft (3)
    - ENGL 3280 English Drama (3)*
    - ENGL 3290 English Fiction (3)*
    - ENGL 3700 English Literature: 1900-1945 (3)
    - ENGL 3710 English Literature: 1945-Present (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3850 American Poetry (3)*
    - ENGL 3870 American Fiction (3)*
    - ENGL 3900 Irish Literature (3)

    - ENGL 3910 The Tradition of Children's and Young Adults' Literature (3)
    - ENGL 3930 Modern Drama (3)
    - ENGL 3940 Postcolonial Literature (3)
    - ENGL 3965 African Literature (3)
    - ENGL 3970 Caribbean Literature (3)
    - ENGL 3990 Women's Literature II (3)
    - ENGL 4201 Special Topics in American Literature; ENGL 4202 Special Topics in British Literature; ENGL 4204 Special Topics: Literature, Criticism, and Theory Elective; or ENGL 4205 Special Topics in Creative Writing (3)
6. Language, Criticism, and Theory Elective: Select one course. (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3140 Editing for Publication (3)
    - ENGL 3200 Introduction to the English Language (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3230 History of Literary Criticism I (3)
    - ENGL 3240 History of Literary Criticism II (3)
    - ENGL 3250 Topics in Contemporary Theory (3)
    - ENGL 3260 Theories of Popular Culture (3)
    - ENGL 3955 Language in the African-American Community (3)
    - ENGL 3995 Feminist Literary Criticism (3)
    - ENGL 4204 Special Topics: Literature, Criticism, and Theory Elective (3)
7. Select an elective course in English or Folklore, or ENGL 4500 Internship. (3)

* This course varies in subject matter; students must receive written permission from their departmental advisers to apply one of these courses to a specific area.

Pre-Education/Secondary English Concentration

1. Required Courses to fulfill CTW requirement (6)
    - ENGL 3040 Introduction to Literary Studies-CTW (3)
    - ENGL 4330 Senior Seminar: Secondary English Education-CTW (3) Majors must have completed at least twelve semester hours of upper-division English course work before registering for Engl 4330.
2. British Literature: Select one course. (3)
    - ENGL 3280 English Drama (3)*
    - ENGL 3290 English Fiction (3)*
    - ENGL 3300 Medieval English Literature (3)
    - ENGL 3400 Sixteenth-Century English Literature (3)
    - ENGL 3410 Early and Middle Seventeenth-Century English Literature (3)
    - ENGL 3500 Restoration and Earlier Eighteenth-Century English Literature (3)
    - ENGL 3510 Later Eighteenth-Century English Literature (3)
    - ENGL 3600 Early British Romantic Literature (3)
    - ENGL 3605 Late British Romantic Literature (3)
    - ENGL 3610 Victorian Poetry and Nineteenth-Century Non-Fiction (3)
    - ENGL 3700 English Literature: 1900-1945 (3)

    - ENGL 3710 English Literature: 1945-Present (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3980 Women's Literature I (3)
    - ENGL 4202 Special Topics in British Literature (3)
3. American Literature: Select one course. (3)
    - ENGL 3800 Early American Literature (3)
    - ENGL 3810 American Literature: 1820-1865 (3)
    - ENGL 3820 American Literature: 1865-1914 (3)
    - ENGL 3830 American Literature: 1914-1945 (3)
    - ENGL 3840 American Literature: 1945-Present (3)
    - ENGL 3850 American Poetry (3)*
    - ENGL 3860 American Drama (3)
    - ENGL 3870 American Fiction (3)*
    - ENGL 3880 American Non-Fiction Prose (3)*
    - ENGL 4201 Special Topics in American Literature (3)
4. Single Author: Select one course; ENGL 4130 or ENGL 4140 recommended. (3)
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
5. Multicultural/Genre Literature: Select one course. (3)
    - ENGL 3890 Contemporary American Ethnic Literatures (3)
    - ENGL 3900 Irish Literature (3)
    - ENGL 3910 The Tradition of Children's and Young Adults' Literature (3)
    - ENGL 3920 Southern Literature (3)
    - ENGL 3930 Modern Drama (3)
    - ENGL 3940 Postcolonial Literature (3)
    - ENGL 3950 African-American Literature (3)
    - ENGL 3960 African-American Literature by Women (3)
    - [Engl 3965] African Literature (3)
    - ENGL 3970 Caribbean Literature (3)
    - ENGL 3990 Women's Literature II (3)
    - ENGL 4000 Jewish Literature (3)
    - ENGL 4200 Special Topics in Secondary English (3)* This course varies in subject matter; students must receive written permission from their departmental advisers to apply one of these courses to a specific area.
6. Language: Select one course. (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3190 Language Analysis for Teachers of English (3)
    - ENGL 3200 Introduction to the English Language (3)
    - ENGL 3210 Advanced Grammar (3)
    - ENGL 3220 History of the English Language (3)
    - ENGL 3955 Language in the African-American Community (3)
7. Writing: Select one course; ENGL 3100 recommended (3)
    - ENGL 3080 Persuasion: History, Theory, Practice (3)
    - ENGL 3090 History, Theory, and Practice of Expository Writing (3)
    - ENGL 3100 Twentieth Century Composition Theory and Practice (3)

    - ENGL 3150 A/B Introduction to Creative Writing (3)
8. Select two elective courses in English or Folklore; ENGL 3100, if not already taken, is recommended. ENGL 4500 Internship is strongly recommended. (6)
9. Further coursework (9 hrs) in the major is often recommended, but not required for this concentration. Specific recommendations: are one additional course from Area 5 (Multicultural/Genre); one additional course from Area 6 (Language); and ENGL 3100, or, if already taken, one additional course from Area 7 (Writing).

Additional courses for the Secondary English concentration. These are not required, but are recommended for elective credit:

- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- LT 3210 Teaching and Technology (3)

English majors with the secondary English (pre-education) concentration are encouraged to apply to the College of Education and Human Development Master of Arts in Teaching (M.A.T.) in English Education (TEEMS) for certification preparation. The master's degree has a track of four semesters begun in the summer term and a three-semester certification track also begun in the summer and completed in the spring. Hours earned in the certification track can be applied later toward the completion of the master's degree.

Rhetoric and Composition Concentration

1. Required Courses to fulfill CTW requirement (6)
    - ENGL 3050 Introduction to Rhetoric and Composition-CTW (3)
    - ENGL 4320 Senior Seminar: Rhetoric, Advanced Composition and Technical Writing-CTW (3) Majors must have completed at least twelve hours of upper-division courses in rhetoric and advanced composition and technical and professional writing before taking ENGL 4320. ENGL 3050 is a prerequisite for ENGL 4320.
2. Select two courses from the history, theory, practice cluster. (6)
    - ENGL 3080 Persuasion: History, Theory, Practice (3)
    - ENGL 3090 Exposition: History, Theory, Practice (3)
    - ENGL 3100 Composition Studies: History, Theory, Practice (3)
3. Select two courses from the production cluster. (6)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3115 Multimodal Composition (3)
    - ENGL 3120 Digital Writing & Publishing (3)
    - ENGL 3130 Business Writing (3)
    - ENGL 3135 Visual Rhetoric (3)
    - ENGL 3140 Editing for Publication
4. Select two electives chosen from Rhetoric and Composition courses not already taken. (6)
    - ENGL 3080 Persuasion: History, Theory, Practice (3)
    - ENGL 3090 Exposition: History, Theory, Practice (3)
    - ENGL 3100 Composition Studies: History, Theory, Practice (3)
    - ENGL 3105 Practical Grammar (3)
    - ENGL 3110 Technical Writing (3)

    - ENGL 3115 Multimodal Composition (3)
    - ENGL 3120 Digital Writing and Publishing (3)
    - ENGL 3130 Business Writing (3)
    - ENGL 3135 Visual Rhetoric (3)
    - ENGL 3140 Editing for Publication (3)
    - ENGL 4203 Special Topics in Rhetoric and Composition (3)
    - ENGL 4500 Internship (3)
    - ENGL 4510 Grant and Proposal Writing (3)
    - ENGL 4521 Archival Research Methods (3)
5. Select one elective from any 3000 level English or Folklore courses. (3)
6. Select one elective from any 4000 level English or Folklore course. (3)

Teacher Certification

English majors who want to pursue certification to teach at the middle or secondary school level should seek advisement from the College of Education Office of Academic Assistance (300 College of Education Building, 404/413-8000) and the Middle Secondary Education and Instructional Technology Department (639 College of Education Building, 404/413-8060). Georgia State University offers a four-semester Master of Arts in Teaching degree in Middle Childhood or in English Education (TEEMS MCE and TEEMS Secondary English) with initial certification that is a four-semester program. Application deadlines are October 1 and February 1 for the following semesters. Students interested in teaching in middle school should major and minor in a combination of English (Secondary English Concentration) and Social Studies. The English minor interested in teaching middle school should complete the following plan of study: ENGL 2120, ENGL 2130, and ENGL 3040, ENGL 3105, ENGL 3910, and one of the following: ENGL 3100, ENGL 3180, ENGL 3190.

British-American Joint Studies Program Concentration (39)

1. Required Courses to fulfill CTW requirement (6)
    - ENGL 3040 Introduction to Literary Studies-CTW (3)
    - ENGL 4300 Senior Seminar: Literary Studies-CTW (3)
2. Single-Author Early British Literature: Select one course. (3)
    - ENGL 4110 Chaucer (3)
    - ENGL 4130 Shakespeare, Earlier Works (3)
    - ENGL 4140 Shakespeare, Later Works (3)
    - ENGL 4150 Milton (3)
    - Course in a single author pre-1800 at University of Northumbria, Newcastle (3)*
3. Pre-1800 British Literature: Select one course. (3)
    - ENGL 3280 English Drama (3)
    - ENGL 3300 Medieval English Literature (3)
    - ENGL 3400 Sixteenth-Century English Literature (3)
    - ENGL 3410 Early and Middle Seventeenth-Century English Literature (3)
    - ENGL 4202 Special Topics in British Literature (3)**
    - Course in pre-1800 British Literature at the University of Northumbria, Newcastle (3)*
4. Post-1800 British Literature: Select one course. (3)
    - ENGL 3600 Early British Romantic Literature (3)
    - ENGL 3605 Late British Romantic Literature (3)

    - ENGL 3610 Victorian Poetry and Nineteenth-Century Non-Fiction (3)
    - ENGL 3700 English Literature: 1900-1945 (3)
    - ENGL 3710 English Literature: 1945-present (3)
    - ENGL 3720 Twentieth-Century English Poetry (3)
    - ENGL 3980 Women's Literature I (3)
    - ENGL 4202 Special Topics in British Literature (3)**
    - Course in post-1800 British Literature at the University of Northumbria, Newcastle (3)
5. American Literature: Select one course. (3)
    - Course in American Studies at the University of Northumbria, Newcastle (3)
    - One course in American Literature (as listed in area 4 of the literature concentration)
6. British-American Culture: Select one course. (3)
    - ENGL 3266 British-American Culture Seminar I (3)
    - HIST 4960 British-American Culture Seminar I (3)
7. Additional courses in Major for British-American Joint Studies Program Concentration. To be taken at University of Northumbria, Newcastle (6)
    - ENGL 4204 Making of Great Britain I and II (6)
8. Select four electives from English, History, or Folklore (12). These courses can be taken at Georgia State University or the University of Northumbria, Newcastle. Electives are designated as ENGL 4204 but exclude those listed in area 7.

* Only one of sections two or three may be satisfied with a course from University of Northumbria, Newcastle.

** This course varies in subject matter; students must receive written permission from their departmental advisers to apply one of these courses to a specific area.

Area H: Minor and Additional Courses

English majors have three options: a minor, a double major, or additional courses in the major. One of these options, combined with electives, will complete their degree requirements. Each student should discuss these options with a department adviser and choose the one that will best serve the student's long-term goals.

- Minor: at least 15 semester hours, 9 hours of which must be taken at the 3000 level or above, either in Folklore or from one department, school, or institute other than the English department. The requirements for a minor must be fulfilled in a department, school, or institute that offers a baccalaureate degree. Students interested in an interdisciplinary minor should consult their advisers. The College of Arts and Sciences requires a grade of C or higher in each course counted toward the minor.
- Double major: course work to satisfy requirements for a second major in addition English; all college and departmental requirements apply to this as to the first major.
- Further course work in the major: three courses (9 hours) beyond the ten courses (30 hours) required for the major. Additional courses from departments, schools, or institutes other than the major must be taken to complete a minimum of 120 hours, exclusive of 1000-2000 level physical education. One of these courses must be Lang 2002 (see "Major Courses" above).

Departmental Student Assessment: Senior Exit Portfolio

In order to graduate, English majors must submit an exit portfolio designed appropriate to their concentration. All portfolios include a statement of self-assessment and four to six substantial pieces of writing that demonstrate their skills appropriate to their concentration. Specific information about the exit portfolio for each concentration is available from the department. Portfolios are due at the mid-point of the semester of graduation.

Graduation with Distinction in the Major

Departmental distinction is separate from the Honors Program. Majors who have an average of at least 3.5 in upper-division English courses are eligible to undertake a project that could lead to graduation with distinction.

Two academic terms prior to the one in which the student proposes to graduate, student and adviser should plan the project. Students may undertake a critical paper on a literary topic, a creative writing project, or a reading list on which they will write an examination paper. A brief proposal (two or three pages) describing the project should be sent to the Events and Awards Committee. More information about graduation with distinction is available in the department.

Minor in English or Folklore

Students who minor in English or Folklore must complete at least 15-18 hours of course work in English or Folklore, including 12 hours at the 3000 level or above (and any prerequisites required). Students taking more than 15 hours in courses in English may count the additional hours toward their electives or may consider completing a double major. See above under Teacher Certification for an English minor in preparation to teach middle school. (A grade of C or higher is required in all courses counting toward the minor.)

3230 English as a Second Language (ESL)

Programs Offered:

- **ESL Credit-Bearing Courses**
- **Intensive English Program (IEP)**

Department of Applied Linguistics and English as a Second Language
15th Floor, 25 Park Place Building
404/413-5200
alsl.gsu.edu

Diane Belcher, Chair
Sarah Kegley, ESL Director (credit-bearing courses)
Cheryl Delk-Le Good, IEP Director

The ESL credit–bearing courses for bilingual/non-native speakers of English at the undergraduate level include special sections of ENGL 1101 and ENGL 1102 and Human Communication (SPCH 1000 and SPCH 1500). These courses are for both international students and resident bilingual/bicultural students. For more information, see "ESL Program" at alsl.gsu.edu.

The IEP is a non-credit program designed to prepare students with the language and study skills necessary for successful academic work in American colleges and universities. Classes are offered at advanced beginning, low intermediate, intermediate, high intermediate, and advanced levels in the following areas: structure/composition, reading/listening, academic writing, extensive reading, and oral communication.

Students are admitted to the IEP through the Department of Applied Linguistics and ESL and not through regular Georgia State admission procedures. For information and/or application forms, contact: Intensive English Program, Georgia State University, P.O. Box 4099, Atlanta, GA 30302-4099, or at iep.gsu.edu.

Admission to the Intensive English Program does not constitute regular admission to a degree-granting program of Georgia State or of any other branch of the University System of Georgia. Students who wish to take degree work at the university must complete the student application appropriate for the desired program, submit all credentials, and receive an official decision from the Office of Admissions or Office of Graduate Services.

3235 Entertainment Media Management

Program Offered:

- **Interdisciplinary Minor in Entertainment Media Management**

Creative Media Industries Institute

David Cheshier, director
404-413-5649
dcheshier@gsu.edu

The interdisciplinary Entertainment Media Management minor prepares students for a variety of management-related careers in the entertainment and music industries. The curriculum is founded on a basic knowledge of business administration, contracts, intellectual property issues, event management, artist management, marketing, promotion and branding basics. The minor would prepare students to work in a range of capacities in artist management, concert promotion, music publishing, recording, publicity and marketing/promotion firms. Graduates will leave with an understanding of the distinctiveness of the entertainment business and will be prepared to enter this rapidly changing and multifaceted world.

Interdisciplinary Minor in Entertainment Media Management

Recommended Courses for Area A-F

Students should enter the Entertainment Media Management minor having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are common prerequisites for courses in the Entertainment Media Management.

- ART 1010 Drawing I (3 credit hours)
- ART 1020 Two-Dimensional Design (3)
- ENGL 1101 English Composition I (3)
- ENGL 1102 English Composition II (3)
- FILM 1010 Film Aesthetics and Analysis (3)
- FILM 2700 History of the Motion Picture (3)
- FILM 2900 Language of Film through Production (3)
- JOUR 2700 Foundations of Media Theory (3)
- MATH 1070 Elementary Statistics (3)
- MUS 1430 Fundamentals of Music (3)
- MUS 1440 Theory I (3)
- MUS 1540 Theory II (3)
- MUS 2440 Theory III (3)
- PHYS 2030K Physics of Music and Speech (3)

Required Courses for the Interdisciplinary Minor (15-18 hours)

Students pursuing the interdisciplinary minor in Entertainment Media Management must take five courses, with at least one from each of three areas: Media Industry/Law/Policy, Marketing and Promotion,

and Production Perspectives. No more than two of the five courses counting toward the minor can have the same course prefix. Additionally, no more than two of the five courses counting toward the minor may also count toward the major.

Courses in the Media Industry/Law/Policy area survey the contemporary media landscape in terms of ownership, distribution structures, and intellectual property/regulation issues. Marketing and Promotion Courses equip the student with the basic tools to analyze entertainment markets and publicize media properties. Production Perspectives courses allow the student to briefly engage in media production in order to better understand how to interact with media creative personnel.

Media Industry/Law/Policy

- ART 4600 Directed Studies: Gallery Management and Artist Representation
- FILM 4800 Film and Media Industries (3)
- JOUR 3060 Communication Law and Regulation (3)
- MK 3010 Marketing Management (3)
- MTM 3010 Introduction to the Music Industry (3)
- MTM 3050 Legal Aspects of the Music Industry (3)
- MTM 3300 Copyright and Music Publishing (3)
- MTM 3440 Entrepreneurship in the Music Industry (2)
- MTM 3450 Artist Representation (2)

Marketing and Promotion

- ENGL 3120 Digital Writing and Publishing (3)
- FILM 4156 Media Entrepreneurship (4)
- JOUR 3500 Public Relations Techniques (3)
- JOUR 4610 Applied Graphic Communication
- JOUR 4770 Media Management and Marketing (3)
- MGS 4110 Analysis of Business Data (3)
- MGS 4590 Entrepreneurship Field Study (3)
- MK 3010 Marketing Management (3)
- MK 4100 Buyer Behavior (3)
- MK 4200 Marketing Research (3)
- MTM 3020 Promotion of Recorded Music (3)
- MTM 3030 Marketing and Branch Distribution in the Music Industry (3)

Production Perspectives

- FILM 3100 Television Practicum (1-4)
- FILM 3115 Screenwriting & Visualization for the Short Film (4)
- THEA 4000/FILM 4000 Acting and Directing for the Camera (4)
- FILM 4120 Production I (4)
- FILM 4310 Feature Screenwriting I (3)
- FILM 4320] Feature Screenwriting II (3)
- GRD 3000 Introduction to Graphic Design (3)
- GRD 3200 Intermediate Graphic Design

- GRD 3300 Illustration Design (3)
- GRD 3400 Survey of Graphic Design (3)
- GRD 4100 Print and Editorial Design (3)
- GRD 4310 Multimedia Design (3)
- MTM 3110 Intro to Audio Recording (4)
- MTM 3120 Digital Audio Technology and Recording Techniques (4)
- MUS 4730 Computer Applications in Music (2)
- MUS 4981 Computer Music (3)
- PHOT 3000 Introduction to Photography (3)
- PHOT 3010 Film and Darkroom (3)
- PHOT 3200 Color and Light
- PHOT 3500 Digital Photography

3240 Environmental Science

Program Offered:

- **Bachelor of Interdisciplinary Studies in Environmental Science**

This program focuses on scientific components of environmental issues by integrating courses from anthropology, biology, chemistry, geography, and geology. This concentration emphasizes a broad-based understanding of the environment, while providing for the development of an emphasis in one of the areas. For students interested in the program, please contact the faculty coordinator, Dr. Rebekah Chapman (rchapman@gsu.edu).

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. in Environmental Science

Area A: Essential Skills (9)

Required Course:

- MATH 1113 Precalculus (3) (or any higher-level mathematics course)

Area D: Science, Mathematics, and Technology (11)

1. Required Laboratory Science Sequence:
    - GEOL 1121K Introductory Geosciences I (4)
    - GEOL 1122K Introductory Geosciences II (4)
2. Math (3) Any one math not taken in Area A from the following choices: Math 1070, 1220, 2211, 2212 (or any higher level math). For any four credit-hour course, three hours are applied to Area D and one credit hour is applied to Area F.

Area F: Courses Appropriate to the Major (18)

1. Required Courses:
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)
2. Required Courses:
    - BIOL 2107K Principles of Biology I (4)
    - BIOL 2108K Principles of Biology II (4)
3. Two hour elective at 1000-2000 level chosen in consultation with faculty adviser.

Area G: Area of Concentration — Foundations of Environmental Science (27-33 Hours)

No more than 12 credit hours can come from a single discipline.

1. Required of all BIS Environmental Science majors (18 hours)

- GEOG 4644 Environmental Conservation (4)
- GEOG 4648 Biogeography (4)
- PMAP 3011 Policy & Politics in the American City (3)
- PMAP 3021 Citizenship, The Community, & The Public Sector(3)
- BIOL 3820 Plant Biology (3) (consult with faculty advisor prior to registration)
- BIOL 3840 Animal Biology (3) (consult with faculty advisor prior to registration)

2. CTW Course – Students must take two CTW courses appropriate to the program (4-6 Hours).

- BIOL 3810 Molecular Cell Biology Lab – CTW (3)
- BIOL 4045K General Ecology – CTW (4)
- BIOL 4980 Senior Seminar – CTW (3)
- GEOG 4764 – Urban Geography – CTW
- PMAP 3311 Critical Policy Issues-CTW (3)
- SPCH 3250 Persuasion-CTW (3)

As CTW courses are created, further options may be available. Consult with your faculty advisor for current and appropriate CTW courses.

4. Electives in the Environmental Science Concentration (select up to 9 hours) Consult with your faculty advisor for course selection.

Area H: Allied Field- Environmental Science in Context (15-21 Hours)

Students may select up to 8 hours from a single discipline. Up to nine hours can be chosen from elective courses listed in area G (Foundations of Environmental Science). Remaining courses come from the following focal topics:

1. Activism and Social Focus

- HIST 4855 Asocial Movements in History (4)

- LGLS 3020 Introduction to the Law (3)
- PSYC 3140 Abnormal Psychology (3)
- PSYC 4020 Social Psychology (3)
- PSYC 4520 Environmental Psychology (3)
- SOCI 3201 Wealth, Power and Inequality (3)
- SOCI 3220 Activism, Protest & Revolution (3)
- SOCI 3340 Population Problems (3)
- SOCI 3350 Social Change and the Future (3)
- SOCI 4218 Power and Politics (3)

2. Communications Focus

- ENGL 3110 Technical Writing (3)
- ENGL 3120 Electronic Writing & Publishing (3)
- JOUR 3180 Editorial & Critical Writing (3)
- JOUR 3500 Intro to PR Techniques (3)
- SPCH 4500 Visual Communication (3)

3. Cultural and Historical Focus

- ANTH 4080 Consumption & Material Culture (3)
- ANTH 4240 Food: Hist, Ecology & Political Economy (3)
- ANTH 4370 Forensic Anthropology (3)
- ECON 4750 Intro to Game Theory (3)
- FOLK 3000 American Folklore (3)
- FOLK 4000 Georgia Folklore (3)
- HIST 3230 American Environmental History (4)
- HIST 4200 U.S. Cultural History (4)
- HIST 4615 Scientific Revolutions (4)
- PHIL 4700 Ethics (3)
- SPCH 3750 Intercultural Communication (3)

4. Geosciences Focus

- GEOG 4784 Climatic Change (4)
- GEOL 4017 Environmental Geology (4)
- GEOL 4762 Economic Geography (4)
- PHIL 4130 Philosophy of Science (3)

5. Life Science Focus

- BIOL 4045K General Ecology – CTW (4)
- BIOL 4458 Microbial Ecology & Metabolism (4)
- MATH 4010 Mathematical Biology (3)
- MATH 4544 Biostatistics (3)
- MATH 4547 Introduction to Statistical Methods (3)
- PHIL 4130 Philosophy of Science (3)

6. Policy Focus Focus

- PMAP 3031 Policy Leadership (3)
- PMAP 3210 Introduction to Nonprofits (3)
- POLS 4151 Interest Group Politics
- POLS 4160 Political Attitudes & Public Opinion (3)

7. Urban Focus

- ANTH 4200 Urban Anthropology (3)
- ECON 4300 Economics of Cities (3)
- HIST 4220 The American City (4)
- HIST 4840 Global Urbanization (4)
- POLS 4115 Urban Politics (3)
- SOCI 4226 Urban Sociology (3)
- SOCI 4279 Metropolitan Atlanta (3) (cross-list with GEOG 4768 and HIST 4320)

Seminars, Directed Studies and Internships: Various departments across GSU offer senior level courses that are not tied to traditional lectures and labs. These courses can be applied as credit toward the degree under AREA H with permission of your faculty BIS coordinator. To be approved, the student must bring the proposed seminar schedule, directed studies topic which has been approved by the overseeing faculty member, or details on the internship.

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

3250 Ethics

Program Offered:

- **Minor in Ethics**

Department of Philosophy
16th floor, 25 Park Place Bldg.
philosophy.gsu.edu

George Rainbolt, Chair
Eddy Nahmias, Director of Undergraduate Studies

Ethical conduct is a vitally important part of any good life. There is a growing recognition that ethical behavior cannot be assumed. It often requires an education about how to act ethically. The minor in Ethics does not seek to transform students into ethical people. Instead, it seeks to give them the skills and knowledge needed to confront the ethical dilemmas of life and work in a thoughtful and critical manner. The minor is designed to a complement to any major. Students with a major in business, education, the natural sciences, the social sciences, or the health and human sciences are particularly encouraged to consider a minor in Ethics.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Minor in Ethics

Select 15 semester hours from the following courses:

- PHIL 3710 Marriage and Family
- PHIL 3720 Contemporary Moral Problems (3)
- PHIL 3730 Business Ethics (3)
- PHIL 3855 Topics in Political Theory (3)
- PHIL 4070 Marxism (3)
- PHIL 4700 Ethics (3)
- PHIL 4720 Environmental Ethics (3)
- PHIL 4740 Biomedical Ethics (3)
- PHIL 4750 Topics in Ethics (3)
- PHIL 4760 Ethics and Contemporary Public Policy (3)
- PHIL 4770 Moral Psychology
- PHIL 4780 Neuroethics
- PHIL 4790 Topics in Neuroethics
- PHIL 4800 Social and Political Philosophy (3)
- PHIL 4820 Philosophy of Law (3)
- PHIL 4855 Advanced Topics in Political Theory (3)
- PHIL 4860 Philosophical Perspectives on Women (3)

- PHIL 4890 Topics in Social and Political Philosophy (3)

The following courses may count towards the Ethics minor with the advance approval of the Director of Undergraduate Studies. No courses will be approved after the mid-point of the semester of the course.

- PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
- PHIL 3060 Existentialism (3)
- PHIL 4030 Topics in Ancient Philosophy (3)
- PHIL 4050 Topics in Modern Philosophy (3)
- PHIL 4075 Topics in 19th Century Philosophy (3)
- PHIL 4090 Topics in Continental Philosophy (3)
- PHIL 4095 Topics in Analytic Philosophy (3)
- PHIL 4900 Issues in Philosophy (3)
- PHIL 4990 Senior Seminar in Philosophy-CTW (3)

3260 European Union Studies

Program Offered:

- **European Union Studies Certificate**

Department of Political Science
1005 Langdale Hall
404/413-6159
politicalscience.gsu.edu/

Jeannie Grussendorf (jgrussendorf@gsu.edu), Campus Representative

The certificate in European Union Studies is operated under the supervision of the European Council of the University System of Georgia. The program is open to all institutions and students of the University System as well as to professionals with an undergraduate degree. The program's purpose is to promote knowledge of the European Union (EU) and certify individuals as competent in the subject area of EU studies. Since the EU is the most important economic and political partner of the United States, this certification demonstrates valuable professional expertise to potential employers. For students in the academic track, this interdisciplinary certificate can be earned as a supplement to any conventional undergraduate degree.

Admission to the Program

A certificate in European Union Studies can be earned in one of two ways. Under the**academic track**, a certificate is taken in tandem with an undergraduate degree program. Students from all academic majors are eligible to participate so long as they possess a minimum 2.75 cumulative grade point average (GPA). Under the **professional track**, non-degree seeking students — such as business executives — are eligible to enroll in the program upon proof of a valid undergraduate degree from an accredited institution. The minimum GPA requirement is waived.

Under either track, an application to the program cannot be made until successful completion of the following: (1) the introductory course on the European Union (PolS 4242) with a grade of "C" or better, (2) 30 semester hours of academic credit, and (3) a course in world or western civilization (Hist 1111 or 1112).

The European Union Studies Certificate

To earn the EU Studies Certificate, students must complete the certificate curriculum (18 hours) and fulfill the practicum experience requirement. Students must have a 3.0 cumulative GPA in curriculum courses upon completion of the program. An official certificate is awarded upon graduation, and the certificate is noted on a student's permanent transcripts.

The EU Studies Certificate Curriculum (18):

The European Union (POLS 4242) (3)

Multidisciplinary Menu (12)

A student must complete four courses from an approved menu of courses dealing substantially with the EU. These courses must be distributed among at least three different discipline areas: Social Sciences, Humanities and Fine Arts, Business and Economics, and Natural and Health Sciences. The program's campus representative decides which courses qualify for the certificate and maintains an updated list of approved courses in the different discipline areas. No more than one course in this menu can be taken at the 1000-2000 level, with the exception of EU Studies online courses (see below) and study abroad courses. Students may substitute for up to two menu courses by performing an internship and/or composing a thesis.

Capstone Seminar in EU Studies (3)

Taken either as a Directed Study (PolS 4920) or online course, this is ideally the last course in the certificate program. It has three learning objectives: (1) to update students on EU developments and reinforce their general knowledge of the EU, (2) to provide in-depth knowledge of important EU issues, and (3) to allow students to conduct intensive research on EU-related topics.

Practicum Experience

Since it is deemed crucial that students demonstrate more than an academic knowledge of the European Union to be certified as adequately prepared in the subject, a "real-life" practicum experience pertaining to the EU must be performed either in the form of an overseas visit or an internship. The overseas option is broadly defined and can be accommodated by a wide range of activities, including study or research abroad. The same flexibility applies to the internship, which can be served domestically or internationally. A student's specific practicum experience must be approved by the program's campus representative.

Online Courses and Transatlantic Joint Certificate

The EU Studies program has developed a curriculum of online courses in conjunction with European university partners. These are courses in different discipline areas that deal with various aspects of the EU and are taught jointly by University System institutions and European universities at specified times throughout the academic year. The program's campus representative maintains an updated list of these courses and a teaching schedule, as well as information about course registration.

The EU Studies program offers the option of acquiring a certificate that is jointly conferred with a European institution. This option requires students to complete — with a grade of "B" or better — a minimum of two online courses that are co-taught with European partner universities. Students completing this option have the EU Studies certificate awarded by both their home institution and one in Europe, thus giving them an academic credential from a respected European university.

Areas of Distinction

In addition to acknowledging competence in the EU generally, the certificate also highlights special achievements by providing a notation of "distinction" in two areas: (1) foreign language proficiency (six semester hours at or above the 2000 level and (2) composition of a thesis.

The foreign language distinction must be earned in a European language approved by the program's campus representative as appropriate to the certificate's objectives. A student with prior language skills can

earn a distinction by successful completion of an examination demonstrating competency equivalent to the 2000 level. The exam is administered at the student's home institution.

The thesis can be written anytime during the final year of study. It is supervised by a committee composed of three faculty members representing at least two different academic disciplines. The program's campus representative maintains a more detailed description of thesis requirements.

3270 Film and Video

Program Offered:

- **Bachelor of Arts in Film and Video**
- **Dual B.A. in Film and Video/ M.A. in Communication, Film/Video Concentration**

Department of Communication
8th Floor, 25 Park Place
404/413-5600
communication.gsu.edu

Greg Lisby, Chair
Jaye Atkinson and Greg Smith, Associate Chairs
Doug Barthlow, Undergraduate Adviser

The disciplines of communication are concerned with the processes and effects of human communication in a variety of contexts ranging from interpersonal communication through the mass media. The Department of Communication provides courses of study that develop knowledge and skills in managing face-to-face communication, knowledge about the nature and social functions of the mass media, and the skills necessary for communication careers. Majors are offered in the areas of film and video, journalism, and speech.

The major in film and video is designed to provide the student with the knowledge and skills necessary to understand and apply this complex discipline in both an intellectual and artistic way. This is reflected in the program structure, which includes critical studies (history, theory, industry, and criticism), production (film, video, digital), and writing. Students will cover all of these areas but may specialize in one or two in their work. Internships are available in the Atlanta metro area and beyond.

Credit for special projects and internships is available in all majors and concentrations. Internships enable students who already have completed the appropriate course work and have met departmental eligibility criteria to take advantage of expertise in a variety of professional sectors in the metropolitan area and to tailor programs to their specific career goals.

Visit the major maps for this program at cas.gsu.edu/major/film/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Major Eligibility Requirements

Effective fall semester 2013, to be eligible for the Film and Video major and to enroll in 3000-4000 level Film and Video courses (i.e., FILM courses), students must fulfill the following requirements:

- Complete all courses with the FILM prefix that are in Film and Video's Area F (with a minimum grade of "C") and
- Earn a 2.5 grade-point average in all Area F FILM courses. This GPA will be calculated based on the first attempt at these FILM courses at Georgia State University. WFs counts as an attempt. Transfer students who transfer these course(s) into Georgia State, may use the grades in the

transferred course(s) to calculate the GPA or they may attempt them once at Georgia State.

Once a student is eligible to take 3000-4000 Film and Video courses, they remain eligible to take them as long as they are eligible to enroll at Georgia State University.

College and University Degree Requirements

In addition to the Major Eligibility Requirements for Film and Video, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Film and Video

Area F: Courses Appropriate to the Major Field (18)

1. Lang 1002 Elementary Foreign Language II (3)
   (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)
2. Required Courses (minimum grade of C is required). (6)
   - FILM 1010 Film Aesthetics and Analysis (3) *
   - FILM 2700 History of the Motion Picture (3) *
3. Electives: Select three courses. (9)
   AAS 2010, AH 1700, AH 1750, AH 1850, ECON 2105, ECON 2106, ENGL 2050, ENGL 2120, ENGL 2130, Lang 1001 (if no previous experience with language), Lang 1002, Lang 2001, Lang 2002, HIST 1111, HIST 1112, HIST 1140, HIST 2110, JOUR 2500, MUA 1500, MUA 1900, MUA 1930, PHIL 2010, POLS 2101, POLS 2401, PSYC 1101, SOCI 1101, SOCI 1160, SPCH 1500, THEA 2040, WGSS 2010

* Students must have a 2.5 grade-point average in these Area F courses to be eligible for the Film and Video major and to take 3000-4000-level FILM courses. (See Major Eligibility Requirements above.)

Area G: Major Courses (24)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (6)
   - FILM 4750 Film Theory and Criticism-CTW (3)
   - FILM 4910 Senior Seminar in Film-CTW (3)
2. Screenwriting, Production, and Industry. Select one course. (3-4)
   - FILM 4120 Production I (4)*
   - FILM 4165 Special Production Topics (3-4)
   - FILM 4250 Producing for Film and Television (3)
   - FILM 4310 Feature Screenwriting I (3)
   - FILM 4800 Media Industries (3)
3. Film History. Select one course. (4)
   - FILM 4170 American Film History I (3)
   - FILM 4180 International Cinemas (3)
   - FILM 4210 Critical History of Radio and Television (3)

    - FILM 4960 American Film History II (3)
4. Critical Studies. Select one course. (3-4)
    - FILM 4200 Television Analysis (3)
    - FILM 4240 Documentary Studies (3)
    - FILM 4260 Adapting Literature to Film (3)
    - FILM 4280 Authors and Genres (3)
    - FILM 4765 Gender in Film and Television (3)
    - FILM 4770 Race and Representation (3)
    - FILM 4810 Media and Popular Culture (4)
5. Electives. Select a sufficient number of the following courses to bring the course total to the 24 credit hours which complete the major. Any other 3000 or 4000-level Film class not already used to fulfill the requirements for Sections 1-4 can be taken as an elective
    - FILM 3000 Lighting Design for Theatre, Film, and Television (4)
    - FILM 3300 Dramatic Writing for Stage and Screen (3)
    - FILM 4000 Acting Camera and Directing (4)
    - FILM 4130 Production II (4)*
    - FILM 4165 Special Production Topics (3-4)
    - FILM 4200 Television Analysis (3)
    - FILM 4320 Feature Screenwriting II (3)
    - FILM 4650 Media Theory (3)
    - FILM 4770 Race and Representation (3)
    - FILM 4780 Special Topics (3-4)
    - FILM 4810 Media and Popular Culture (4)
    - FILM 4840 Computer Graphic Imaging (4)
    - FILM 4870 Honors Thesis: Research (3)
    - FILM 4880 Honors Thesis: Writing (3-6)
    - FILM 4890 Special Projects (3-9)
    - FILM 4980 Internship (3)

* To enroll in Film 4110, 4120, 4215 and 4130, students must receive departmental authorization. To be considered, students must have (1) a 3.0 grade-point average, and (2) submit the appropriate course application to the Department of Communication by October 15 or April 15 of the year of their eligibility prior to registration in semesters when Film 4110, 4120, 4125 and 4130 are offered.

Area H: Minor and Additional Courses

1. Students majoring in Film/Video must select a minor consisting of at least 15 hours of courses in an academic department/school/institute that offers a baccalaureate degree. At least nine semester hours of minor courses must be at the 3000 level or above, unless otherwise specified by the minor-granting department/school/institute. A grade of C or higher is required in all minor courses.

Minor in Film and Video

Students who wish to minor in one of the department's three programs must take 15-18 hours in the specific area, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the

minor. Students wishing to take 3000-4000 level Film and Video (i.e., FILM) courses as part of a minor must first request departmental registration approval.

DualB.A. in Film and Video/ M.A. in Communication, Film/Video Concentration

The department offers a dual B.A. in Film and Video / M.A. in Communication with a concentration in Film and Video.The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3280 French

Programs Offered:

- **Bachelor of Arts in French**
  - **Concentration in Language, Culture, and Society**
  - **Concentration in Foreign Language Education**
  - **Concentration in Language and International Business**
- **Bachelor of Arts in International Economics and Modern Languages**
- **Minor in French**
- **Dual B.A. / M.A. Program in French**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Peter Swanson, Director of Foreign Language Education and Advisor

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of foreign languages, literatures, and cultures; to teach foreign languages as a means of communication; and to prepare students for academic careers and the opportunities available in the field of international business. As part of a dynamic urban university in a city of growing international awareness and status, the department is fulfilling its responsibility to meet the increasing foreign language needs of the governmental, business, and professional communities.

The department recognizes that an active command of the foreign language and a thorough exploration of the foreign culture form an essential basis for further study in the various areas of its curriculum. To this end, the department sponsors a study-abroad program in Tours (France).

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials, including an extensive collection of videos, CD Roms and DVDs.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their foreign language in international business. The other, sponsored jointly by the Department of Applied Linguistics/ESL, is in Language Studies.

For students who hope to teach at the K-12 levels, the department offers a concentration that leads to certification in French.

For students who view language study as a preparation for a career in the business world, the department has two special programs: a concentration in the business language of French; and a practicum in an internationally oriented business or service organization in the metro area for qualified and interested students in their senior year. The department also offers the Bachelor of Arts Major in International Economics and Modern Languages (IEML), in collaboration with the Andrew Young School of Policy Studies.

The department is also a testing center for diplomas certifying proficiency in business language and procedures. These diplomas are granted by chambers of commerce in various countries.

All French majors are encouraged to consult regularly with their departmental adviser in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

Visit the major maps for this program at cas.gsu.edu/major/french/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

In addition to courses in the language major, students are advised to choose courses in other areas that complement their language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advisers in the department are eager to discuss students' academic plans as they design their course of study.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in French

Area F: Courses Appropriate to the Major (18)

1. Majors must achieve competence at the intermediate level before beginning courses at the 3000 level. They may demonstrate competence through placement exam scores, including the CLEP exam, prior study, or courses taken at Georgia State University. The following may be counted in Area F, as required (0-9 hours): FREN 1002, FREN 2001, FREN 2002. Required Courses (0-6)
2. Students may complete Area F with any combination of the following (0-18 hours):
    a. Any courses in other foreign languages, 1001-2203/2501 level.

b. Electives in the Department of World Languages and Cultures.
   CLAS 2201, CLAS 2202, CLAS 2203, FREN 2212, FREN 2216
c. Electives in other departments.
   AL 2101, AL 2102, ANTH 2020, AH 1700, AH 1750, ECON 2105, ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, EDUC 2110, EDUC 2120, EDUC 2130, HIST 1111, HIST 1112, FILM 1010, JOUR 1010, PHIL 2010, POLS 2401, WGSS 2010

Area G: Major Courses (30)

The major in French consists of 30 hours (ten courses) on the 3000/4000 level. Prerequisite for all courses on the 3000 level is FREN 2002. Prerequisite for all courses at the 4000 level is the completion of the three courses at the 3000 level.

1. Major Requirements (6)
   - FREN 3013 Intensive Grammar Review (3)
   - FREN 3023 Advanced Conversation and Composition (3)
2. Concentration Courses (24)
   - **Literature Concentration**
     a. Required Courses to fulfill CTW requirement (6)
        - FREN 3033 Introduction to Analysis of Literary Texts-CTW (3)
        - FREN 4103 History of French Civilization-CTW (3)
     b. Select four courses. (12)
        - FREN 4203 Medieval and Renaissance French Literature (3)
        - FREN 4303 French Literature of the Classical Period (3)
        - FREN 4403 French Literature of the Enlightenment (3)
        - FREN 4414 Special Topics in French Literature (3)
        - FREN 4503 French Romanticism, Realism, and Symbolism (3)
        - FREN 4613 French Literature of the Twentieth Century I (3)
        - FREN 4623 French Literature of the Twentieth Century II (3)
        - FREN 4633 Francophone Literature (3)
     c. Select two additional courses in French at the 3000/4000 level (6)
   - **Foreign Language Education Concentration**
     a. Required Courses to fulfill CTW requirement (6)
        - FREN 3033 Introduction to the Analysis of Literary Texts-CTW (3)
        - FREN 4103 History of French Civilization-CTW (3)
     b. Concentration Requirement (3)
        - FREN 4123 Contemporary France-CTW (3)
     c. Select two courses. (6)
        - FREN 4203 Medieval and Renaissance French Literature (3)
        - FREN 4303 French Literature of the Classical Period (3)
        - FREN 4403 French Literature of the Enlightenment (3)
        - FREN 4414 Special Topics in French Literature (3)
        - FREN 4503 French Romanticism, Realism, and Symbolism (3)
        - FREN 4613 French Literature of the Twentieth Century I (3)
        - FREN 4623 French Literature of the Twentieth Century II (3)
        - FREN 4633 Francophone Literature (3)
     d. Select three additional courses in French at the 3000/4000 level (9)

Requirements for Teacher Certification

Students who wish to be certified to teach French in the public schools of Georgia should choose the courses listed under the "Foreign Language Education Concentration" above and the following methodology courses in the Department of World Languages and Cultures: ForL 3022, 4021, 4025, 4026, and 4030. All students will register for Opening School Experience (ForL 4650) and Student Teaching (ForL 4061/4062/4063).

All students seeking certification in French must pass the following courses in the College of Education and Human Development with a grade of C or higher: EDUC 2110, EDUC 2120, EDUC 2130, and EXC 4020 .

Students must apply formally and be admitted to the Teacher Education program in foreign languages. For the application forms, please go to the Department of World Languages and Cultures' website under Teacher Certification and then Program Information. To qualify for the Student Teaching experience, students must receive a grade of B or higher on a departmental test of oral and written proficiency in their target languages. Specific information about date and place of these exams is available in the department office (841 LH). To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

In order to be recommended for K-12 certification in French, students must complete all courses taken in the Department of World Languages and Cultures (the major and ForL courses) with a grade of B or higher.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the BIS program while continuing to complete teacher certification requirements for edTPA.

Language and International Business Concentration

a. Required Courses to fulfill CTW requirement (6)
    - FREN 3033 Introduction to the Analysis of Literary Texts-CTW (3)
    - FREN 4123 Contemporary France-CTW (3)
b. Concentration Requirements (9)
    - FREN 4033 French for International Business I (3)
    - FREN 4043 French for International Business II (3)
    - FREN 4053 Advanced Grammar and Translation (3)
c. Select one course. (3)
    - FREN 4203 Medieval and Renaissance French Literature (3)
    - FREN 4303 French Literature of the Classical Period (3)
    - FREN 4403 French Literature of the Enlightenment (3)
    - FREN 4414 Special Topics in French Literature (3)
    - FREN 4503 French Romanticism, Realism, and Symbolism (3)
    - FREN 4613 French Literature of the Twentieth Century I (3)
    - FREN 4623 French Literature of the Twentieth Century II (3)
    - FREN 4633 Francophone Literature (3)
d. Select two additional courses in French at the 3000/4000 level (6)

Area H: Minor and Additional Courses

1. French majors are not required to take a minor. French majors who choose a minor in other departments/schools/institutes are encouraged to select courses that are appropriate to their area of concentration. Students are also urged to consider combining their major with a second major in another language or another discipline under the Double Major option.
2. Up to six additional hours may be taken in the major.

Bachelor of Arts in International Economics and Modern Languages

Students majoring in the IEML program with a French concentration should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at www.aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the IEML.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- MATH 1070 Elementary Statistics (3) – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- FREN 2001 Intermediate French I (3)
- FREN 2002 Intermediate French II (3)

Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: Fren, Grmn, or Span 1001 and/or 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C, Humanities and Fine Arts.

Students who have already attained intermediate-level competency in the primary language may substitute 1000/2000 level courses in another language for Fren, Grmn or Span 2001/2002 (or Span 2203 or Span 2501) upon approval of the Department of World Languages and Cultures adviser.

- Elective: one 1000/2000-level course chosen from Areas A-E.

Required Courses to fulfill CTW requirement (6)

- ECON 3900 Macroeconomics (3)
- FREN 4123 Contemporary France-CTW (3)

Area G: Economics Common Core Curriculum (21) A minimum grade of C is required for all courses in this area.

- ECON 3910 Microeconomics (3)
- ECON 4600 Economic Development (3)
- ECON 4800 International Trade (3)
- ECON 4810 International Finance (3)
- Choose 3 elective 4000-level Econ courses (9)

Area H: Modern Languages Common Core (21) A minimum grade of C is required for all courses in this area.

- FREN 3013 Intensive Grammar Review (3)
- FREN 3023 Advanced Conversation and Composition (3)
- FREN 3033 Introduction to Analysis of Literary Texts-CTW (3)
- FREN 4033 French for International Business I (3)
- FREN 4043 French for International Business II (3)
- FREN 4053 Advanced Grammar and Translation (3)
- Choose 1 elective Fren 3000/4000 course (3)

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty adviser.

Minor in French

Students who wish to minor in French must take 15-18 hours in courses in French, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Dual B.A. / M.A. Program in French

The department offers a dual Bachelor of Arts and Master of Arts in French. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3285 Game Design and Development

Programs Offered:

- **Bachelor of Interdisciplinary Studies Concentration in Game Design and Development**
- **Interdisciplinary Minor in Game Design and Development**

Creative Media Industries Institute

David Cheshier, director
404-413-5649
dcheshier@gsu.edu

The interdisciplinary Game Design and Development major concentration and the minor explore the interactive entertainment landscape, along with other related areas of software development and interactive storytelling. The program has its technical roots in computer and information science, while simultaneously covering the breadth of courses in many academic disciplines, including writing, film, graphic design, music, and psychology. The programs are for students who aspire to gain the background and technical skill necessary for a career in gaming or related areas in interactive media.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G (i.e., no more than three to four 3-4 credit hour courses from a single discipline) nor of Area H (i.e., no more than two 3-4 credit hour courses can be taken within a single discipline).

Bachelor of Interdisciplinary Studies Concentration in Game Design and Development

Recommended Courses for Area F:

Students should enter the Game Design and Development major having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are prerequisites for courses included as options in Game Design and Development. Students should plan their desired program of study and identify which prerequisites they need to fulfill.

1. Required Language at 1002 level (3 hours)
2. Select additional courses to reach 15 hours in Area F from the following:
    - CSC 2301 Programming for Non-Majors (3)*
    - CSC 2302 Programming II for Non-Majors (3)*
    - CSC 2010 Principals of Computer Science(3)*
    - CSC 2310 Principles of Computer Programming (3)*
    - CSC 2510 Theoretical Foundations of Computer Science
    - ENGL 2130 American Literature (3)
    - ENGL 2160 Studies in Popular Culture (3)
    - FILM 1010 Film Aesthetics and Analysis (3)
    - FILM 2900 Language of Film through Production (Students may need department approval to enroll.) (3)
    - ID 3000 Architectural Drawing (3)
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - PSYC 1101 Introduction to General Psychology (3)
    - MATH 1070 Elementary Statistics (3)

Please note: Students should consider that many of the courses listed above are required prerequisites for courses in Area G and H courses as they plan their schedules.

*Any student planning to take 3000 or 4000 level courses in CSC in Area G or Area H should determine which programming sequence (CSC 2010/2310 or CSC 2301/2301) best meets their needs, as many CSC classes require CSC and/or Math prerequisites.

Area G: Area of Concentration (27-33 hours)

No more than four (4) three-hour courses (i.e. 12 hours) can come from the same course prefix in a student's program study. CTW courses do not count toward the four course limit. Some film and sound production courses require departmental authorization.

1. CTW requirement (6 hours).Choose two of the following:
    - CSC 4995 Directed Readings BIS – CTW (3-4)
    - ENGL 4995 Directed Readings BIS – CTW (3-4)
    - FILM 4995 Directed Readings BIS – CTW (3-4)
    - GRD 4995 Directed Readings BIS – CTW (3-4)
    - MUS 4995 Directed Readings BIS – CTW (3-4)
2. Required courses (9-12 hours) Choose three of the following:
    - CSC 4820 Interactive Computer Graphics (4)
    - CSC 4821 Fundamentals of Game Design (4)
    - CSC 4840/GRD 4840/FILM 4840 Computer Graphics Imaging (3)
    - DPP 3000 Life Drawing (3)
    - ENGL 3150B Introduction to Creative Writing- Fiction (3)
    - ENGL 4204/FILM 4780 Special Topics – Introduction to Writing Interactive Fiction (3-4)
    - ENGL 4204/FILM 4780 Special Topics – Game Studies (3-4)
    - FILM 4110 Sound Design (4) (previously FILM 4361)
    - FILM 3155 Digital Cinematography (4)

- GRD 4310 Multimedia Design (3)
- GRD 3000 Introduction to Graphic Design (3)
- MUS 4730 Computer Applications in Music (3)
- MUS 4981 Computer Music (3)

3. Program focus area (12-15) Select courses as directed from either the Game Development or the Game Design areas below:
    a. Game Development (12-15 hours) Choose 3-5 courses from the following:
        - CSC 3320 System-Level Programming (3)
        - CSC 3410 Data Structure (CTW) (3)
        - CSC 4220 Computer Networks (4)
        - CSC 4330 Programming Language Concepts (4)
        - CSC 4350 Software Engineering (CTW) (4)
        - CSC 4370 Web Programming (4)
        - CSC 4710 Database Systems (4)
        - CSC 4720 Human-Computer Interaction (4)
        - CSC 4810 Artificial Intelligence (4)
        - CSC 4820 Interactive Computer Graphics (4)
        - CSC 4821 Fundamentals of Game Design (3)
        - CSC 4840/GRD 4840/FILM 4840 Computer Graphics Imaging (3)
        - CSC 4841/GRD 4841/FILM 4841 Computer Animation (4)
        - ENGL 3150B Introduction to Creative Writing- Fiction (3)
        - ENGL 4204/FILM 4780 Special Topics: Game Studies (3-4)
        - FILM 3155 Digital Cinematography (4)
        - FILM 4110 Sound Design (4)
        - GRD 3000 Introduction to Graphic Design (3)
        - MUS 4730 Computer Applications in Music (3)
        - MUS 4981 Computer Music (3)
    b. Game Design (12-15 hours) Choose 3-5 courses from the following:
        - CSC 4821 Fundamentals of Game Design (3)
        - CSC 4840/GRD 4840/FILM 4840 Computer Graphics Imaging (3)
        - CSC 4841/GRD 4841/FILM 4841 Computer Animation (4)
        - DPP 3000 Life Drawing (3)
        - ENGL 3150B Introduction to Creative Writing- Fiction (3)
        - ENGL 3160 Narrative Techniques (3)
        - ENGL 4204/FILM 4780 Special Topics: Game Studies (3/3-4)
        - FILM 3115 Screenwriting & Visualization for the Short Film/Video (4)
        - FILM 3155 Digital Cinematography (4)
        - FILM 3300 Dramatic Writing for the Stage and Screen (3)
        - FILM 4000 Acting for the Camera and Directing (4)
        - FILM 4110 Sound Design (4)
        - FILM 4120 Production I (4)
        - FILM 4800 Media Industries (3)
        - GRD 3000 Introduction to Graphic Design (3)
        - GRD 3150 Introduction to Typography (3)
        - GRD 3200 Intermediate Graphic Design (3)
        - GRD 4250 Graphic Design in Pop Culture (3)
        - GRD 4400 Design for Film and Television (3)

- ID 3000 Drafting (3)
- ID 3300 Interior Design: Theory (3)
- ID 3350 Interior Design: Materials (3)
- ID 3500 Interior Design: Spatial Organization (3)
- ID 4100 Lighting Design (2)
- ID 3250 Computer Aided Drafting and Design I (2)
- ID 4350 Computer-Aided Drafting and Design II (2)
- ID 4400 Computer Aided Drafting and Design III (2)
- ID 3100 Architectural Drawing II
- MUS 4730 Computer Applications in Music (2)
- MUS 4981 Computer Music (3)
- MUS 4982 Advanced Topics in Computer Music (3)
- PHOT 3000 Photography I (3)
- PHOT 3010 Photography II (3)
- PHOT 3500 Digital Photography (4)
- PHOT 3600 Digital Video for Artists (4)
- THEA 3300 Dramatic Writing for the Stage and Screen (3)

Area H: Allied Field (15 – 21 hours)

No more than two courses can come from the same course prefix in a student's program in Area H. Students who chose to focus on Game Development in Area G should choose their minor area from courses listed in the Game Design list from Area G. Students who chose to focus on Game Design in Area G should choose their minor area from courses listed in the Game Development list in Area G.

BIS students without backgrounds in statistics should consider taking MATH 1070; while students without backgrounds in writing take ENGL 3150B, FILM 3115, or ENGL 4204 and students without backgrounds in programming should take CSC 2301.

Interdisciplinary Minor in Game Design and Development

Recommended Courses for Area A-F

Students should enter the Game Design and Development minor having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are prerequisites for courses included as options in Game Design and Development minor. Students should plan their desired program of study and identify which prerequisites they need to fulfill.

- CSC 2310 Principles of Computer Programming
- FILM 1010 Film Aesthetics and Analysis
- FILM 2700 History of the Motion Picture
- ID 3000 Drafting
- ART 1010 Drawing I
- ART 1020 Two Dimensional Design
- ART 1030 Three Dimensional Design
- ART 1050 Introductory Studio

Required Courses for the Interdisciplinary Minor (15-18 hours)

Students pursuing the interdisciplinary minor in Game Design and Development must take five courses. No more than two of the courses counting towards the minor can have the same course prefix. Additionally, no more than two of the five courses counting toward the minor may also count toward the major.

1. Choose two of the following:
    - GRD 3400 Graphic Design Survey (3)
    - FILM 4780 Introduction to Writing Interactive Fiction (3-4)
    - FILM 4361 Sound Design for Media Production (3)
    - CSC 4821 Fundamentals of Game Design (4)
2. Choose three of the following:
    - CSC 4820 Interactive Computer Graphics (4)
    - CSC 4821 Fundamentals of Game Design (4)
    - CSC 4840/GRD 4840/FILM 4840 Computer Graphics Imaging (3-4)
    - CSC 4841 Computer Animation (4)
    - DPP 3000 Life Drawing (3)
    - ENGL 4204/FILM 4800 Game Studies (3)
    - ENGL 3150B Introduction to Creative Writing- Fiction (3)
    - ENGL 4204/FILM 4780 Special Topics: Introduction to Writing Interactive Fiction (3)
    - FILM 3115 Screenwriting & Visualization for the Short Film/Video (4)
    - FILM 3155 Digital Cinematography (4)
    - FILM 4000 Acting for the Camera and Directing (4)
    - FILM 4110 Sound Design (4)
    - FILM 4120 Production I (4)
    - GRD 4310 Multimedia Design (3)
    - ID 3000 Drafting (3)
    - ID 3300 Interior Design: Theory (3)
    - ID 4100 Lighting Design (2)
    - ID 3250 Computer Aided Drafting and Design I (2)
    - MUS 4730 Computer Applications in Music (3)

3290 Geosciences

Programs Offered:

- **Bachelor of Arts in Geosciences (3290.1)**
    - **Concentration in Geography**
    - **Concentration in Urban Studies**
- **Bachelor of Science in Geosciences (3290.2)**
    - **Concentration in Geology**
    - **Concentration in Environmental Geosciences**
    - **Concentration in Geography**
    - **Concentration in Urban Studies**
- **Minor in Geosciences (3290.3)**
- **Dual B.A. or B.S. / M.S. in Geosciences (3290.4)**
- **Certificate in Geographic Information Science (3290.5)**

Department of Geosciences
340 Kell Hall
404/413-5750
geosciences.gsu.edu

Daniel Deocampo, Chair
Lawrence Kiage, Undergraduate Director

Geosciences involves the study of the social and physical dimensions of the earth, including its interior, surface, atmosphere, and people. The Department of Geosciences makes available to students instruction, training, and experiences in the fields of Geology and Geography. These two disciplines provide complementary perspectives on a broad range of issues dealing with natural landscapes at all spatial and temporal scales, human-environment interactions, geospatial analysis, including Geographic Information Systems, and the social and physical dynamics of urban life.

The Department of Geosciences offers the B.A. degree in Geosciences with a concentration in either Geography or Urban Studies; and the B.S. degree in Geosciences with a concentration in Geology, Geography, Environmental Geosciences, or Urban Studies.

Visit the major maps for this program at cas.gsu.edu/major/geosciences/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

3290.1 B.A. in Geosciences

Students earning the B.A. degree in Geosciences must choose one of two concentrations: either **Geography** or **Urban Studies**.

The **Geography** concentration develops a broad understanding of social and environmental issues, attains depth in a specialized area within Geography, and provides skills needed to gain employment and carry out lifelong learning. An undergraduate degree Geosciences with a Geography concentration affords many

opportunities for employment in both the public and private sectors. Geographers generally find employment as cartographers, city/regional planners, conservationists, environmental managers, environmental regulators, Geographic Information System (GIS) specialists, historic preservationists, location analysts, and as physical scientists working for the government. In addition, with their broad liberal arts training, geographers also qualify for professional management positions as well as teachers.

The Geography concentration also provides a solid intellectual foundation for people getting advanced degrees in either the social or natural sciences. In addition to having substantial flexibility of course selections, students in the Geography concentration are required to take multiple upper-division courses in human geography, physical geography, and geographic information science. Finally, the Geography concentration enables majors interested in geography to find their intellectual niche within geography.

The **Urban Studies** concentration permits the students to focus on the study of cities including urban development and economics, urban politics and institutions, the urban built environment, social and environmental disparities in cities, and the changing physical and social dynamics of urbanization processes. This interdisciplinary approach enables students to draw from a variety of courses to solve some of the most pressing challenges of the twenty-first century city. The Urban Studies concentration draws from classes in other complementary departments, enabling the student to develop specific interests within the concentration.

In addition to course content focused on different aspects of urban problems and solutions, students will gain a skill set to address such issues, including a holistic approach to understanding urban dynamics, critical thinking and writing skills to express the complexity of urban issues, and a tool kit of data collection and analysis skills, which may include Geographic Information Systems (GIS), quantitative spatial analysis, and/or qualitative analysis. Students graduating with this concentration will be well poised to enter jobs and graduate study in urban planning, urban policy work, non-governmental organization administration, community-based work, and in urban public health, among many others. Students interested in any geography or urban studies course, or in enrolling in these concentrations within the B.A. degree in Geosciences or pursuing a minor in Geosciences, are invited to contact the Geosciences Undergraduate adviser to discuss how this degree program may best help make their college experience positive and productive.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Lab fees will be assessed automatically for students who register for certain courses. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Geosciences

Areas A-E: Core Curriculum Recommendations

Geography and **Urban Studies** concentrations: GEOG 1101, GEOG 1112, GEOG 1113 with a grade of C or higher.

Area F: Courses Appropriate to the Major Field

Students should select Area F courses in consultation with their advisor, as some upper level geosciences courses have prerequisites.

1. Required Courses for the **Geography** and **Urban Studies** concentrations: Math 1070 (3) or approved substitute.
2. Satisfy Foreign Language Requirement (Lang 1002 or higher).
3. Select additional courses from the following to complete the 18 hours in Area F.
   Any geography courses listed above at the 1000/2000 level not taken in Area E. AAS 2010, ANTH 2030, ANTH 2020, ECON 2105, ECON 2106, Hist (any course not taken in Area E), Lang 1001 (if student has no previous experience with language), Lang 1002, MATH 1070, PHIL 1010, POLS 1101, POLS 2401, PSYC 1101, SOCI 1101, SOCI 1160, WGSS 2010.

Area G: Major Courses, B.A. in Geosciences.

Geography Concentration Courses (39)

A grade of C or higher is required in all major courses.

1. Required course to fulfill CTW requirement (4)
   - Select one of the following: Climatic Change (GEOG 4784) or Urban Geography (GEOG 4764)
2. Capstone requirement: (4)
   - GEOG 4830 Senior Seminar (4)
3. Required courses
   - Qualitative Methods (GEOG 4515), Quantitative Spatial Analysis (GEOG 4520), and Digital Cartography (GEOG 4518).
   - Select two courses from: Geomorphology (GEOG 4640); Biogeography (GEOG 4648); Economic Geography (GEOG 4762); and Advanced GIS (GEOG 4534).
   - Select one or more courses from:
     - GEOG 4404 Geography of East Asia (4)
     - GEOG 4408 Geography of the Middle East and North Africa (4)
     - GEOG 4530 Introduction to Remote Sensing (4)
     - GEOG 4534 Advanced Geographic Information Systems (4)
     - GEOG 4642 Advanced Weather and Climate (4)
     - GEOG 4644 Environmental Conservation (4)
     - GEOG 4646 Water Resources Management (4)
     - GEOG 4650 Applied Hydrology (4)
     - GEOG 4768 Metropolitan Atlanta (3)
     - GEOG 4774 Contemporary Urban Theory and Issues (3)
4. Remaining Geography or Geology courses selected in consultation with advisor.

Urban Studies Concentration Courses (39)

A grade of C or higher is required in all major courses. At least half of the required 39 hours be GEOG courses as specified in 1, 2, and 4 below.

1. Required course to fulfill CTW requirement (4)
    - Urban Geography (GEOG 4764)
2. Capstone requirement: (4)
    - GEOG 4830 Senior Seminar (4)
3. Required courses
    - Contemporary Urban Theory and Issues, GEOG 4774 (3)
    - Metropolitan Atlanta, GEOG 4768 (3)
    - GEOG 4515 Qualitative Methods (4) OR Geog 4520 Quantitative Spatial Analysis (4)
    - Select one or more courses from following:
        - PMAP 3011 Policy and Politics in the American City (3)
        - PMAP 3111 Urban Political Economy (3)
        - ANTH 4200 Urban Anthropology (4)
        - HIST 4215 American Buildings (4)
        - HIST 4220 The American City (4)
        - HIST 4325 Public History and Historic Preservation (3 or 4)
        - HIST 4840 Global Urbanization (4)
        - SOCI 4226 Urban Sociology (3)
        - SOCI 4803 CTW in Race and Urban Studies (3)
        - POLS 4115 Urban Politics (3)
4. Remaining Geography or Geology courses selected in consultation with advisor.

Area H: Minor and Additional Courses

Students earning a B.A. in Geosciences are not required to take a minor.

3290.2 B.S. in Geosciences.

Students earning the B.S. degree in Geosciences must choose one of four concentrations: Geology, Environmental Geosciences, Geography, or Urban Studies. Many career opportunities allow for practical application of geosciences in industry, consulting firms, and governmental agencies at all levels. Practical and essential applications of geology and geography include development and stewardship of water resources, both surface and subsurface; land-use planning for urban, suburban, and rural development; exploration for and development of mineral and energy resources including petroleum and other fossil fuels; and development of environmentally sound strategies for hazardous waste disposal and treatment. The curriculum leading to the B.S. degree in geosciences is excellent preparation for graduate work in geoscience and environmental science, geography, and urban studies. For students who are interested in geoscience and environmental science but who intend to pursue graduate or advanced study in other fields, for example environmental law or business, the B.S. degree may still be an appropriate choice. The B.S. degree meets certain federal criteria required for science-track career pathways in federal agencies such as the EPA, USGS, and others.

The concentrations in Geography and Geology are the most traditional of the programs, and they are

designed to prepare the student for graduate studies or employment in a wide variety of geoscience areas. Students considering employment and state licensure as a Professional Geologist (required for supervisory environmental consultants) should select the traditional Geology concentration. The Environmental Geoscience emphasizes the study of ground water and the delicate environmental balances of the natural world. The Urban Studies Concentration is focused on geoscience topics applicable to the study of urban settings. Specific requirements for the concentrations are shown below.

Majors should be aware that there are prerequisites for many geology courses and that several courses are offered only once a year. As soon as they have selected the geology concentration, these students are advised to consult with department advisers to be informed in these matters and to ensure that programs of study accord with their specific career aspirations and needs. The department participates actively in the university's Cooperative Education Program, whereby the student can work and attend school at the same time or in alternate years. The program enables students to develop long-term career opportunities while in school. Because of the potential complexities of such a program, students are encouraged to seek early advisement in the department. Co-op students also should discuss their academic plans and curriculum options with their employers.

Program Financial Information

Lab fees will be assessed automatically for students who register for certain courses. For more information, please feel free to contact the department.

Program Degree Requirements

In addition to the Program Degree Requirements outlined below, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Geosciences

Areas A-E: Core Curriculum Requirements and Recommendations

Area A: Required: MATH 1113 Precalculus (3) (or a higher-level mathematics course)

Area D: Recommended: Weather and Climate (GEOG 1112), Introduction to Landforms (GEOG 1113). Or Introductory Geosciences I (GEOL 1121K and GEOL 1122K). Math recommendation is MATH 1070, MATH 2201, MATH 2202, MATH 2211 or higher.

Area E: Recommended: GEOG 1101, Introduction to Human Geography

Area F: Courses Appropriate to the Major Field (18 hours) *

1. MATH 1070 (or approved substitute), if not taken in Area D. (3)
2. Calculus with One Variable I (MATH 2211), Calculus with One Variable II (MATH 2212), or higher 2000-level calculus course, if not taken in Area D. (3-4)
3. Two introductory lab course sequences appropriate to the concentration in addition to those completed in Area D: CHEM 1211K and CHEM 1212K, GEOL 1121K and GEOL 1122K or

GEOG 1112 and GEOG 1113, PHYS 1111K and PHYS 1112K; BIOL 1103K and BIOL 1104K. Please note, the CHEM 1211K/CHEM 1112K sequence and the GEOL 1121K/GEOL 1122K sequence must be completed in Area D or Area F. (8)

4. As necessary, choose major related courses at the 1000/2000-level not taken in areas A-E in the following subjects to complete the 18 hours required in Area F: geology, geography, statistics, mathematics, computer science, physics, chemistry and physical anthropology.

Students should select Area F courses appropriate to their Geoscience concentration and to their career goals. Students are advised to select courses after having consultation with the Geosciences Undergraduate Director and relevant Geoscience faculty members familiar with the specific GEOS Bachelor degree concentrations. Area G courses have pre-requisites that can be satisfied through careful selection of courses in Areas A-F. A student's plan of study must have consultation with both the College advisement and Departmental guidance.

Additional Notes:

If more than eighteen credit hours are earned as a result of completion of a two course sequences, then credit hours earned in excess of 18 hours can be applied to the 60 hours beyond the Core.

The GEOL 1121K-GEOL 1122K sequence is required for the Geology concentration. GEOG 1112-GEOG 1113 sequence is required for Geography and Urban Studies concentrations.

CHEM 1211K & CHEM 1212K sequence is required for the Geology concentration and highly recommended for the Environmental Geosciences concentration. GEOL 1121K & GEOL 1122K or GEOG 1112 & GEOG 1113. Students may substitute courses from 3 above if they have already taken GEOL 1121K and GEOL 1122K or GEOG 1112 & GEOG 1113 in Area D.

Taking either the Biology Sequence (BIOL 1103K & BIOL 1104K) or an appropriate Physics sequence (PHYS 1111K & PHYS 1112K, or PHYS 2211K & PHYS 2212K) is highly recommended for Geology and Environmental Geosciences concentrations. GEOG 2020 is highly recommended for Geography and Urban Studies concentrations.

Area G: Major Courses, B.S. in Geosciences.
Geology Concentration Courses (39)

A grade of C or higher is required in all major courses.

1. Required course to fulfill CTW requirement (4)
    - GEOL 4006 Sedimentary Environments and Stratigraphy (4)
2. Capstone requirement: (4)
    - GEOG 4830 Senior Seminar (4)
3. Required Courses:
    - GEOL 4013 Structural Geology (4)
    - GEOL 4015 Crystallography and Optical Mineralogy (4)
    - GEOL 4016 Petrology of Igneous and Metamorphic Rocks (4)
    - GEOL 4120 Basic Field Geology (3)
    - GEOL 4121 Adv Field Geology (3)

4. Remaining Geology or Geography courses selected in consultation with advisor.

Environmental Geosciences Concentration Courses (39)

A grade of C or higher is required in all major courses.

1. Required course to fulfill CTW requirement (4)
    - GEOL 4006 Sedimentary Environments and Stratigraphy (4)
2. Capstone requirement: (4)
    - GEOG 4830 Senior Seminar (4) [Also a CTW course.]
3. Required Course: Geographic Information Systems (GEOG 4532) (4)
4. Choose one of the following course pairs (a or b) (8):
    a. Quantitative Methods (GEOG 4520) and Remote Sensing (GEOG 4530), or
    b. Sedimentary Environments and Stratigraphy (GEOL 4006) and Petrology (GEOL 4016)
5. Choose either of the following field experience courses (a or b) (4-6):
    a. Basic Field Geology (Geol 4120) and Advanced Field Geology (GEOL 4121), or
    b. Field School in Geography (GEOG 4550) (4)
6. Select from the following to complete 39 credits:
    - GEOG 4644 Environmental Conservation (3)
    - GEOG 4520 Quantitative Spatial Analysis (4)
    - GEOG 4518 Digital Cartography (4)
    - GEOG 4532 Geographic Information Systems (4)
    - GEOG 4530 Introduction to Remote Sensing (4)
    - GEOG 4640 Geomorphology (4)
    - GEOG 4648 Biogeography (4)
    - GEOG 4534 Advanced Geographic Information Systems (4)
    - GEOG 4642 Advanced Weather and Climate (4)
    - GEOG 4646 Water Resources Management (4)
    - GEOG 4650 Applied Hydrology (4)
    - GEOL 3002 Introduction to Earth Materials (4)
    - GEOL 4003 Aqueous Geochemistry (4)
    - GEOL 4005 Geology of Georgia (3)
    - GEOL 4007 Hydrogeology (4)
    - GEOL 4017 Environmental Geology (4)

Geography Concentration Courses (39)

A grade of C or higher is required in all major courses.

1. Required course to fulfill CTW requirement (4)
    - Choose one of the following: Climatic Change (GEOG 4784) or Urban Geography (GEOG 4764)
2. Capstone requirement: (4)
    - GEOG 4830 Senior Seminar (4)
3. Required courses
    - Qualitative Methods (GEOG 4515), Quantitative Spatial Analysis (GEOG 4520), and Digital Cartography (GEOG 4518).

    - Select two courses from: Geomorphology (GEOG 4640); Biogeography (GEOG 4648); Economic Geography (GEOG 4762); and Advanced GIS (GEOG 4534).
    - Select one or more courses from:
        - GEOG 4404 Geography of East Asia (4)
        - GEOG 4408 Geography of the Middle East and North Africa (4)
        - GEOG 4530 Introduction to Remote Sensing (4)
        - GEOG 4534 Advanced Geographic Information Systems (4)
        - GEOG 4642 Advanced Weather and Climate (4)
        - GEOG 4644 Environmental Conservation (4)
        - GEOG 4646 Water Resources Management (4)
        - GEOG 4650 Applied Hydrology (4)
        - GEOG 4768 Metropolitan Atlanta (3)
        - GEOG 4774 Contemporary Urban Theory and Issues (3)
4. Remaining Geography or Geology courses selected in consultation with advisor.

Urban Studies Concentration Courses (39)

A grade of C or higher is required in all major courses. At least half of the required 39 hours be Geography courses as specified in 1, 2 and 4.

1. Required course to fulfill CTW requirement (4)
    - Urban Geography (GEOG 4764)
2. Capstone requirement: (4)
    - GEOG 4830 Senior Seminar (4)
3. Required courses
    - Contemporary Urban Theory and Issues, GEOG 4774 (3)
    - Metropolitan Atlanta, GEOG 4768 (3)
    - GEOG 4515 Qualitative Methods (4) OR GEOG 4520 Quantitative Spatial Analysis (4)
4. Choose at least one or more courses from following:
    - PMAP 3011 Policy and Politics in the American City (3)
    - PMAP 3111 Urban Political Economy (3)
    - ANTH 4200 Urban Anthropology (4)
    - HIST 4215 American Buildings (4)
    - HIST 4220 The American City (4)
    - HIST 4325 Public History & Hist Preserv (3 or 4)
    - HIST 4840 Global Urbanization (4)
    - SOCI 4226 Urban Sociology (3)
    - SOCI 4803 CTW in Race and Urban Studies (3)
    - POLS 4115 Urban Politics (3)
5. Remaining Geography or Geology courses selected in consultation with advisor.

Area H: Minor and Additional Courses

Students earning a B.S. in Geosciences are not required to take a minor.

3290.3 Minor in Geosciences

Students who wish to minor in Geosciences must take 15-18 hours in courses in Geosciences, including at least nine hours at the 3000-level or above. Students taking more than 15 hours in courses in Geosciences may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor. **Courses that are being applied to the core may not also be applied to the minor.**

3290.4 Dual B.A./M.S. and Dual B.S./M.S. Programs in Geosciences

The department offers a dual Bachelor of Arts or Bachelor of Sciences and Master of Arts in Geosciences. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and count the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

3290.5 Certificate in Geographic Information Science

Geographic Information Science (GIS) is a rapidly growing discipline, with applications in many fields. A strong demand exists for proficient users of geospatial technology. The undergraduate-level Certificate Program in GIS is designed to facilitate the learning of GIS by students working toward undergraduate degrees in Geosciences and in many other disciplines. The Certificate Program consists of four courses with a total of 15 credit hours. Please contact the Department of Geosciences for more information.

GIS Certificate Requirements (15 hours)

1. Required Courses (12 hours). The student must take the following courses:
    - GEOG 4518 Digital Cartography (4)
    - GEOG 4532 Introduction to Geographic Information Systems (4)
    - GEOG 4534 Advanced Geographic Information Systems (4)
2. Elective Course (3 hours). The student must complete one of the following courses:
    - GEOG 4520 Quantitative Spatial Analysis (4)
    - GEOG 4530 Introduction to Remote Sensing (4)
    - GEOG 4538 Urban Health GIS (4)
    - GEOG 4834 Applied Research in GIS (4)
    - GEOL 4123 Geoinformatics (4)
    - CSC 1310 Introduction to Computer Programming (non-majors) (3)

Students enrolled in this certificate program should seek advice regarding choices of the elective course from the Undergraduate Director of Geosciences. For students interested in programming, Intro to Computer Science (CSC 2010 (3)); CSC 1310 (3); or course(s) selected with approval of the Undergraduate Director of Geosciences may also qualify as elective courses for this Certificate.

Residency Requirement

A minimum of 39 semester hours in courses 3000 and higher must be completed in residence at Georgia State University with an average of C or higher. At least 50% of the Area G courses must be completed at Georgia State University.

Honors Program

The Department of Geosciences encourages qualified students to participate in the GSU Honors Program.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3300 German

Programs Offered:

- **Bachelor of Arts in German**
  - **Concentration in Language, Culture, and Society**
  - **Concentration in Foreign Language Education**
  - **Concentration in Language and International Business**
- **Bachelor of Arts in International Economics and Modern Languages**
- **Minor in German**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Robin Huff, Head of German section and Advisor
Peter Swanson, Director of Foreign Language Education and Advisor

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of foreign languages, literatures, and cultures; to teach foreign languages as a means of communication; and to prepare students for academic careers and the opportunities available in the field of international business. As part of a dynamic urban university in a city of growing international awareness and status, the department is fulfilling its responsibility to meet the increasing foreign language needs of the governmental, business, and professional communities.

The department recognizes that an active command of the foreign language and a thorough exploration of the foreign culture form an essential basis for further study in the various areas of its curriculum.

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials, including an extensive collection of videos, CD-ROMs and DVDs.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their foreign language in international business. The other, sponsored jointly by the Department of Applied Linguistics/ESL, is in Language Studies.

For students who hope to teach at the K-12 levels, the department offers a concentration that leads to

certification in German.

For students who view language study as a preparation for a career in the business world, the department has two special programs: a concentration in the business language of German, and a practicum in an internationally oriented business or service organization in the metro area for qualified and interested students in their senior year. The department also offers the Bachelor of Arts Major in International Economics and Modern Languages (IEML), in collaboration with the Andrew Young School of Policy Studies.

The department is also a testing center for diplomas certifying proficiency in business language and procedures. These diplomas are granted by chambers of commerce in various countries.

All German majors are encouraged to consult regularly with their departmental advis0r in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

Visit the major maps for this program at cas.gsu.edu/major/german/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

In addition to courses in the language major, students are advised to choose courses in other areas that complement their language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advis0rs in the department are eager to discuss students' academic plans as they design their course of study.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in German

Area F: Courses Appropriate to the Major (18)

The following requirements and options are appropriate for majors in German.

1. Majors must achieve competence at the intermediate level before beginning courses at the 3000 level. They may demonstrate competence through placement exam scores, including the CLEP exam, prior study, or courses taken at Georgia State University. The following may be counted in Area F, as required (0-9 hours): GRMN 1002, GRMN 2001, GRMN 2002.
2. Students may complete Area F with any combination of the following (0-18 hours):

a. Any courses in other foreign languages, 1001-2203/2501 level.
b. Electives in the Department of World Languages and Cultures.
   CLAS 2201, CLAS 2202, CLAS 2203, FREN 2212, FREN 2216
c. Electives in other departments.
   AL 2101, AL 2102, ANTH 2020, AH 1700, AH 1750, ECON 2105, ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, EDUC 2110, EDUC 2120, EDUC 2130, FILM 1010, HIST 1111, HIST 1112, JOUR 1010, PHIL 2010, POLS 2401, WGSS 2010

Area G: Major Requirements (30)

The major in German consists of 30 hours (10 courses) on the 3000/4000 level. Prerequisite for all courses on the 3000 level is Grmn 2002. Prerequisite for all courses at the 4000 level is the completion of at least 3 of the 4 courses at the 3000 level.

1. Required Courses to fulfill CTW requirement (6)
   - GRMN 3301 Advanced German I-CTW (3)
   - GRMN 4402 Advanced Grammar: Morphology and Syntax-CTW (3)
2. Major Requirements (9)
   - GRMN 3302 Advanced German II (3)
   - GRMN 3311 Introduction to Reading German Literature (3)
   - GRMN 3313 Introduction to German Cultural Studies (3)
3. Concentration Courses (18)
   - **Literature Concentration**
     - GRMN 4411 Survey of German Literature (3)
     - GRMN 4413 Introduction to German Film (3)
     - GRMN 4421 Introduction to German Civilization (3)
     - Select two additional courses in German at the 4000 level (6)
   - **Foreign Language Education Concentration**
     - GRMN 4401 History of the German Language (3)
     - GRMN 4421 Introduction to German Civilization (3)
     - GRMN 4422 Contemporary Germany (3)
     - Select two additional courses in German at the 4000 level (6)

Requirements for Teacher Certification

Students who wish to be certified to teach German in the public schools of Georgia should choose the courses listed under the "Foreign Language Education Concentration" above and the following methodology courses in the Department of World Languages and Cultures: ForL 3022, 4021, 4025, 4026, and 4030. All students will register for Opening School Experience (ForL 4650) and Student Teaching (ForL 4061/4062/4063).

All students seeking certification in German must pass the following courses in the College of Education and Human Development with a grade of C or higher: EDUC 2110, EDUC 2120, EDUC 2130, and EXC 4020.

Students must apply formally and be admitted to the Teacher Education program in foreign languages. For the application forms, please go to the Department of World Languages and Cultures' website under

Teacher Certification and then Program Information. To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

To qualify for the Student Teaching experience, students must receive a grade of B or higher on a departmental test of oral and written proficiency in their target languages. Specific information about date and place of these exams is available in the department office (841 LH).

In order to be recommended for K-12 certification in German, students must complete all courses taken in the Department of World Languages and Cultures (the major and ForL courses) with a grade of B or higher.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new

teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the BIS program while continuing to complete teacher certification requirements for edTPA.

Language and International Business Concentration

- GRMN 4422 Contemporary Germany (3)
- GRMN 4431 German for International Business I (3)
- GRMN 4432 German for International Business II (3)
- Select two additional courses in German at the 4000 level (6)

Area H: Minor and Additional Courses

1. Foreign language majors are not required to take a minor. Foreign language majors who choose a minor in other departments/schools/institutes are encouraged to select courses that are appropriate to their area of concentration. Students are also urged to consider combining their major with a second major in another language or another discipline under the Double Major option.
2. Up to six additional hours may be taken in the major.

Bachelor of Arts in International Economics and Modern Languages

Students majoring in the IEML program with a German concentration should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at www.aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B. A. program with a major in international economics and modern languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in Engl 1101 and 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- MATH 1070 Elementary Statistics (3) – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- GRMN 2001 Intermediate German I (3)
- GRMN 2002 Intermediate German II (3)

Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: Fren, Grmn, or Span 1001 and/or 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C, Humanities and Fine Arts.

Students who have already attained intermediate-level competency in the primary language may substitute 1000/2000 level courses in another language for Fren, Grmn or Span 2001/2002 (or Span 2203 or Span 2501) upon approval of the Department of World Languages and Cultures advisor.

- Elective: one 1000/2000-level course chosen from Areas A-E.

Required Courses to fulfill CTW requirement (6)

- ECON 3900 Macroeconomics (3)
- GRMN 4402 Advanced Grammar: Morphology and Syntax – CTW(3)

Area G: Economics Common Core Curriculum (21) A minimum grade of C is required for all courses in this area.

- ECON 3910 Microeconomics (3)
- ECON 4600 Economic Development (3)
- ECON 4800 International Trade (3)
- ECON 4810 International Finance (3)
- Choose 3 elective 4000-level Econ courses (9)

Area H: Modern Languages Common Core (21) A minimum grade of C is required for all courses in this area.

- GRMN 3301 Advanced German I-CTW (3)
- GRMN 3302 Advanced German II (3)
- GRMN 3311 Introduction to Reading German Literature (3)
- GRMN 3313 Introduction to German Cultural Studies (3)
- GRMN 4431 German for International Business I (3)
- GRMN 4432 German for International Business II (3)
- Choose one of the following two courses (3)
    - GRMN 4422 Contemporary German (3)
    - GRMN 4435 Techniques of Translation (3)

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty advisor.

Minor in German

Students who wish to minor in German must take 15-18 hours in German, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3310 Gerontology

Program Offered:

- **Certificate in Gerontology**

605 One Park Place
404/413-5210
gerontology.gsu.edu

Elisabeth Burgess, Director
Chivon A. Mingo, Director of Undergraduate Studies

The undergraduate Certificate in Gerontology gives students throughout the university the option of combining their major field of study with an emphasis in gerontology. It is designed to prepare students for: (1) admission to graduate and professional degree programs, such as gerontology, medicine, nursing, psychology, public administration, sociology, and social work, in which they plan to pursue a specialization in gerontology, or (2) entry-level professional jobs in direct services to older persons in nutrition programs, senior centers, volunteer programs, nursing homes, and residential and assisted living facilities.

The curriculum provides an overview of the biological, psychological, and sociological aspects of aging; health care and social service programs for older persons; and contemporary aging policy issues. Through both course work and internship experience, students gain specialized knowledge and skills needed to live and work in today's aging society.

Faculty members from business to law, the social and biological sciences, and the health and human service professions are associated with the Gerontology Institute. They bring a diverse, interdisciplinary perspective to the institute's instructional programs and are engaged in a wide range of research in the areas such as long-term care, assisted living, ethnicity and aging, learning and memory, retirement, aging among minorities, inter-generational caregiving, and marketing to seniors.

Visit the major maps for this program at cas.gsu.edu/major/gerontology-certificate-program/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Admission

To be admitted to the undergraduate Certificate in Gerontology, students must be regularly enrolled in a degree program at Georgia State University. Students are required to submit an application to the certificate program obtained from the Gerontology Institute and have a minimal institutional GPA of 2.0.

Program Degree Requirements

To receive the undergraduate Certificate in Gerontology, students must complete the following 18-semester-hour curriculum with a grade of C or higher on all course work.

Undergraduate Certificate in Gerontology

1. Required Courses (9)
    - GERO 2000 Introduction to Gerontology (3)
      Select two of the following required courses (6):
    - GERO 4116 Aging and Society (3)
    - GERO 4200 Health and the Older Adult (3)
    - GERO 4610 Psychology of Aging (3) (Prerequisite: PSYC 1101)
2. Select one course. (3)
    - GERO 4110 Aging Policy and Services (3)
    - SW 4460 Aging Practice, Policy and Research Issues (3)
3. Select one course. (3)
    - GERO 3124 Diversity and Aging (3)
    - GERO 4110 Aging Policy and Services (3) (if not taken in section 2 above)
    - GERO 4116 Aging and Society (3) (if not taken in section 1 above)
    - GERO 4119 Global Aging and Services
    - GERO 4122 Death, Dying, and Loss (3)
    - GERO 4130 Family, Intimacy, and Aging (3)
    - GERO 4200 Health and the Older Adult (3) (if not taken in section 1 above)
    - GERO 4475 Communication and Aging (3)
    - GERO 4610 Psychology of Aging (3) (if not taken in section 1 above) (Prerequisite: Psyc 1101)
    - GERO 4700 Selected Topics in Gerontology (3)
    - GERO 4800 Directed Study in Gerontology (3)
    - SW 4260 Aging Practice, Policy and Research Issues (3) (if not taken in section 2 above)
4. Required Course (3)
    - GERO 4910 Gerontology Internship (1-3) (or an approved alternate internship course)

3320 History

Programs Offered:

- **Bachelor of Arts in History**
  - **Concentration in Pre-Education**
  - **Concentration in Pre-Law**
- **Minor in History**
- **Dual B.A./M.A. in History**
- **Dual B.A. in History and Master of Historic Preservation**

Department of History
20th floor, 25 Park Place Bldg.
404/413-6385
history.gsu.edu

Michelle Brattain, Chair
Robert Baker, Undergraduate Director

Historians study various aspects of humanity's recorded past. Some historians explore the rise and fall of empires, while others describe the everyday lives of men and women. They are interested in every period of the past and all parts of the world. Historians also examine the principles and theories that influence the writing of history. They seek to understand the forces that have structured human life and the ideas that have shaped the way people perceive and experience their worlds. Historians are concerned with change and continuity within societies and interactions among cultures. Historians pay particular attention to the effect of perspectives and values because their discipline involves the interpretation of findings, not just the collection of facts. History can teach us many lessons, not simply about our past but also about the paradoxes and potentials of our present.

The Department of History offers a wide range of courses in African, Asian, European, Latin American, Middle Eastern, and United States history. Arranged in three levels — introductory, intermediate, and advanced — these courses afford students an opportunity not only to become familiar with a body of historical knowledge but also to enhance their skills as readers, discussants, writers, and researchers. Because it emphasizes analytic and critical thinking, history prepares students for further professional training in education, international studies, journalism, law, politics, and public policy, and for all manner of careers. All students can benefit from the insights history provides into the human condition.

Visit the major maps for this program at cas.gsu.edu/major/history/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

Students should complete the freshman courses in history in the core curriculum and Hist 3000 (Introduction to Historical Studies-CTW) before enrolling in other history courses numbered 3000 and above. In all lower-division history courses the department requires that majors attain a minimum grade of C.

The department requires a total of 30 hours in upper-division history. At least one course must be taken from each of the areas of American, European, and African/Asian/Latin American/Middle Eastern History. All majors must take Hist 4990 (Historical Research-CTW) after completing Hist 3000 and at least four other upper-division courses. No more than 15 hours of upper-division history may be transfer credits.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in History

Area F: Courses Appropriate to the Major Field (18)

1. HIST 1111 Survey of World History to 1500 (3)
2. HIST 1112 Survey of World History since 1500 (3)
3. Foreign Language (3) The Department of History recommends that all majors complete the foreign language sequence Lang 1002, 2001 and 2002. (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)
   Required Course:

   - Lang 1002 Elementary Foreign Language II (3)
4. Electives (9)
   AAS 2010, ANTH 1102, ANTH 2010, ANTH 2020, ANTH 2030, ECON 2105, ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, Lang 1001 (if different from foreign language taken in high school), Lang 2001, Lang 2002, GEOG 1101, HIST 1140, JOUR 1000, MATH 1070, PHIL 2010, POLS 2101, POLS 2401, PSYC 1101, SOCI 1101, SOCI 1160, WGSS 2010

Area G: Major Courses (30)

Unless otherwise specified, Hist 1111, 1112, and 2110 are prerequisites for all advanced course work in history. History majors may complete no more than eight hours of 3000/4000-level history courses before completing History 3000.

A minimum total of 30 hours must be taken from courses at the 3000-4000 level, and must include one course from each of the following:

1. Required Courses to fulfill CTW requirement (8)
   - HIST 3000 Introduction to Historical Studies-CTW (4) (should be taken first among upper-division courses)
   - HIST 4990 Historical Research-CTW (4) (Prerequisite: Hist 3000 and at least four other upper-division courses, including at least two 4000-level classes.)
2. U. S. History (one course)
3. European History (one course)
4. African, Asian, Latin American, or Middle Eastern History (one course)

Pre-Education Concentration

The Department of History offers a pre-education track for those students who plan to teach at the middle

school or high school level. Students have the opportunity to take a variety of courses in U.S., European, and world history, which will provide the analytic and writing skills, the global perspective, and the historical content that they will need to teach in the public schools. Along with the B.A. in History, it prepares students to be tested for temporary certification or to enter the M.A.T. Program in Social Studies Education in the College of Education and Human Development at Georgia State or a similar program elsewhere to complete the requirements for state certification.

Students in the pre-education track will take eight history courses at the 3000-4000 level distributed as follows:

1. Required Courses to fulfill CTW requirement (8)
    - HIST 3000 Introduction to Historical Studies-CTW (4) (should be taken first among upper-division courses)
    - HIST 4990 Historical Research-CTW (4) (Prerequisite: Hist 3000 and at least four other upper-division courses, including at least two 4000-level classes.)
2. Two courses in U.S. history. The department strongly recommends that one of these be History 4310 (Georgia).
3. One course in European history.
4. One course in African, Asian, Latin American, Middle Eastern, or world history.
5. Two electives in history at the 3000-4000 level.
6. Students in the pre-education track will also complete a minimum of nine hours of 3000-4000-level course work in two or more of the following allied fields:
    a. Political Science
    b. Geography
    c. Economics
    d. Education (Required: EXC 4020; along with two of the following: LT 3210, EDCI 3200, EDUC 3010, EDUC 4982, EDSS 3400, and EDLA 3200)

A C or better is required in all the courses in the Allied Field of the Pre-Ed track.

History as an allied field consists of three courses at the 3000-4000 level: one in U.S. history, one in European history, and one in African, Asian, Latin American, or Middle Eastern history.

Pre-Law Concentration

Students who wish to major in history and prepare for law school or prestigious J.D.-Ph.D. programs can opt for a pre-law concentration. Please visit www2.gsu.edu/~wwwhis/7456.html or see a college or department adviser for additional information.

Area H: Minor and Additional Courses

1. History majors must select a minor consisting of at least 15 hours in one department other than history, including at least nine hours at the 3000 level or above. The requirements for a minor must be fulfilled in a department that offers a baccalaureate degree and with courses at the 3000-4000 level, unless the courses are otherwise specified by the minor-granting department/school/institute. A grade of C or higher is required in all minor courses.
2. Additional courses from departments other than the major must be taken to complete a minimum of

120 hours, exclusive of KH 1010. The department strongly recommends that majors take the fourth semester of a foreign language: Lang 2002.

Minor in History

Students who wish to minor in history must take 15-18 hours in history courses, including at least three courses at the 3000 level or above. Students taking more than 15 hours in courses in history may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Dual Bachelor's/Master's Degree Programs

The department offers the following dual degree program:

- Dual B.A./M.A. in History
- Dual B.A. in History and Master of Historic Preservation

These dual degree opportunities enable qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3330 Intensive English Program

Department of Applied Linguistics and English as a Second Language
15th floor, 25 Park Place Bldg.
404/413-5200
www.gsu.edu/iep

Cheryl Delk-Le Good, Director

The Intensive English Program (IEP) is a non-credit program designed to prepare students in the language and study skills necessary for successful academic work in American colleges and universities. The IEP offers academic English courses from basic to advanced levels of proficiency. In some cases, students who have been accepted to a degree program at Georgia State may combine upper-level English as a Second Language (ESL) courses and regular academic work.

Every level in the IEP offers five courses each semester (a total of 18 hours in class each week). Courses include academic writing, structure/composition, academic reading/listening, extensive reading, and oral communication. Tutoring services are available for students.

3340 International Studies

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in International Studies**

The International Studies Program affords the student an opportunity to develop areas of concentration in International Studies, Europe, Mediterranean, and Developing Areas such as Africa, Asia, the Middle East, and Latin America. Internship experiences may be undertaken only after completing at least 21 hours of credit in the concentration area. Please contact the faculty coordinator, Dr. Christine M. Skwiot, at 404/413-6370 or hiscms@langate.gsu.edu.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. with a Concentration in International Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (3-9)
   A foreign language through the 2002 level with a grade of B or higher. These may include Arabic, Ancient Greek, Chinese, French, German, Modern Greek, Modern Hebrew, Italian, Japanese, Korean, Latin, Portuguese, Russian, Spanish, Turkish.
2. Other courses appropriate to program, chosen in consultation with coordinator (9-15).

Area G: Area of Concentration — International Studies (27-40)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Courses to fulfill CTW requirement (6-8)
   - Two courses numbered 4995 in the student's primary discipline.

2. A minimum of 12 hours in the student's primary discipline is required. Courses must have an international focus or prominent international dimension in the primary discipline. Courses are chosen in consultation with a faculty advisor:
    a. International Relations
    b. Europe
    c. Mediterranean
    d. Near Eastern
    e. Developing Areas*
    *Students choosing the Developing Areas sub field take at least one of the following:

        - POLS 4210 Politics of Developing Countries (3)
        - RelS/Phil 4610 Hinduism (3)
        - RelS/Phil 4615 Buddhism (3)
        - RelS/Phil 4620 Confucianism and Taoism (3)
        - RelS/Phil 4625 Zen and Shinto (3)
        - *Students in the Developing Areas sub field are also required to take at least two courses in one of the regions (Africa, South Asia, East Asia, the Middle East, or Latin America).
3. Select at least one course:
    - POLS 3200, POLS 3400, ANTH 4490, WGSS 4210/ANTH 4420, RELS 3270, ECON 4800 , ECON 4810, HIST 4820, HIST 4850.
4. Select 0-2 additional courses in areas outside the student's primary discipline (6 hrs.).
5. Select two electives in student's primary discipline (6-8). Students who wish to pursue proficiency in a second language, different from the language taken in area F, may include language courses at the 3000-4000 level with a grade of B or higher.

Area H: Allied Field (15-21)

Courses chosen in consultation with coordinator. The allied field must be interdisciplinary. No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3350 Italian

Program Offered:

- **Bachelor of Arts in International Economics and Modern Languages**
  - **Concentration in Italian**
- **Minor in Italian**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

Bill Nichols, Interim Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Richard Keatley, Advisor

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of foreign languages, literatures, and cultures; to teach foreign languages as a means of communication; and to prepare students for academic careers and the opportunities available in the field of international business. As part of a dynamic urban university in a city of growing international awareness and status, the department is fulfilling its responsibility to meet the increasing foreign language needs of the governmental, business, and professional communities. The department recognizes that an active command of the foreign language and a thorough exploration of the foreign culture form an essential basis for further study in the various areas of its curriculum. To this end, the department sponsors a study-abroad program in Perugia, Italy.

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials, including an extensive collection of videos, CD-ROMs and DVDs.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their foreign language in international business. The other, sponsored jointly by the Department of Applied Linguistics / ESL, is in Language Studies.

For students who view language study as a preparation for a career in the business world, the department offers a program in conjunction with the Andrew Young School of Policy Studies: the Bachelor of Arts Major in International Economics and Modern Languages (IEML).

Program Degree Requirements

In addition to courses in the language major, you are advised to choose courses in other areas that complement your

language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advis0rs in the department are eager to discuss your academic plans with you as you design your course of study. In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

Bachelor of Arts in International Economics and Modern Languages with a Concentration in Italian

Students majoring in this program should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at www.aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the

B. A. program with a major in international economics and modern languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)

- MATH 1070 Elementary Statistics (3) – If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- ITAL 2001 Intermediate Italian I (3)
- ITAL 2002 Intermediate Italian II (3)

Note: Students who have not already attained elementary-level proficiency in their chosen language will be required to take prerequisite courses: Fren, Grmn, Ital, or Span 1001 and/or 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C, Humanities and Fine Arts.

Students who have already attained intermediate-level competency in the primary language may substitute 1000/2000 level courses in another language for Fren, Grmn, Ital or Span 2001/2002 (or SPAN 2203 or SPAN 2501) upon approval of the Department of World Languages and Cultures advis0r.

Elective: one 1000/2000-level course chosen from Areas A-E.

Area G: Economics Common Core Curriculum (24) A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics (3)
- ECON 3910 Microeconomics (3)
- ECON 4600 Economic Development (3)
- ECON 4800 International Trade (3)
- ECON 4810 International Finance (3)
- ECON 4999 Senior Capstone in Economic Policy (3)
- Choose 2 elective 4000-level Econ courses (6)

Area H: Modern Languages Common Core (24) A minimum grade of C is required for all courses in this area.

a. ITAL 3301 Civilization (3) Ital 3302 Adv Composition and Conversation(3)
    - ITAL 3303 Italian Cultural Expression(3)
    - ITAL 4414 Topics in Italian Literature (may be taken more than once if topic is different)(3)
    - ITAL 4033 Italian for International Business I(3)
    - ITAL 4043 Italian for International Business II(3)
b. Two additional Ital 3000/4000 level courses (6)

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty advis0r.

Program Degree Requirements

Minor in Italian

Students who wish to minor in Italian must take 15-18 hours in Italian, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives. A grade of C or higher is required in all courses counting toward the minor.

3360 Italian Studies

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Italian Studies**

The Italian Studies program takes into account the vast influence Italian culture has had on the world and Italy's continued role in a global cultural and economic context. While emphasizing the need for students to speak fluent Italian, the B.I.S. is interdisciplinary in approach and allows students to concentrate on specific aspects of Italian culture such as music, art, philosophy, history, cinema and politics.

Students of the B.I.S. are highly encouraged to study abroad through Georgia State University's two programs in Italy – the Summer Study Abroad in Perugia, designed specifically to smooth the transition from intermediate to an advanced level of Italian proficiency, and the Venice Exchange (Ca'Foscari), which allows students to take courses on an Italian campus or at the associated Venice International University and allowing Italian Studies students to gain first-hand understanding of Italian culture and language. For students interested in this program, please contact the faculty coordinator, Dr. Richard Keatley at rekeatley@gsu.edu.

Program Admission

A 2.00 GSU GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance (room 418 Langdale Hall; 404/413-5000). Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. with a Concentration in Italian Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (0 to 6) [Students entering with equivalences from earlier studies of Italian should start at the appropriate level. Please consult with Dr. Richard Keatley (rekeatley@gsu.edu) for further information.]
    - ITAL 2001 Intermediate Italian Language I (3)
    - ITAL 2002 Intermediate Italian Language II (3)

2. Select additional courses to make 18 hours
    - PHIL 2010 Introduction to Philosophy (3)
    - FILM 1010 Film Aesthetics and Analysis (3)
    - FILM 2700 History of Motion Pictures (3)
    - AH 1700 Survey of Art I (3)
    - AH 1750 Survey of Art II (3)
    - HIST 1111 Survey of World History to 1500 (3)
    - HIST 1112 Survey of World History since 1500 (3)
    - HIST 2500 Contemporary World History (3)
    - POLS 2101 Intro to Political Science (3)
    - or any 1000 or 2000 level foreign language in another language.

Area G: Area of Concentration — Italian Studies (27-33 hours)

1. Italian Language and Literature (select 4 courses: 12 credits)
    - ITAL 3301 Advanced Conversation and Composition (3)
    - ITAL 3302 Introduction to Italian Civilization (3)
    - ITAL 3303 Introduction to the Interpretation of Italian Cultural Expression (3)
    - ITAL 4414 Special Topics in Italian Literature (can be taken more than once as topic changes) (3)
    - ITAL 4999 Directed Readings (can be taken more than once as topic changes) (1-4)
    - Any literature or language course at Ca' Foscari (each Italian exam will count 3 credits) and courses at Venice International University approved in advance by Program Advisor.
2. Italian culture, history, art history, and/or cinema. Choose 3-5 courses (9-15 credits):
    - PHIL 3010 History of Western Philosophy I: Ancient and Medieval
    - FILM 4180 International Cinemas (4) (when offered as Italian or European cinema, student must obtain professor's permission to waive prerequisite)
    - AH 4110 Art and Architecture of Ancient Greece (3)
    - AH 4120 Art and Architecture of Ancient Rome (3)
    - AH 4200 Art and Arch of Middle Ages (3)
    - AH 4320 Italian Renaissance: Age of Humanism (3)
    - AH 4400 Baroque Art (3)
    - HIST 3510 Medieval Europe to 1500 (4)
    - HIST 3520 Early Modern Europe (4)
    - HIST 3530 Europe since 1789 (4)
    - POLS 4240 European Politics (3)
    - POLS 4242 European Union (3)
    - Any humanities courses taken at Ca' Foscari and courses at Venice International University approved in advance by program director.
3. Required Courses to fulfill CTW requirement (6)
    - ITAL 4995 Directed Readings CTW (To be taken twice with different topics)

Area H: Allied Field — Philosophy, Literary and/or Language Studies (15-21 credits with a maximum of 6 hours in any one department)

- Any 3000 or higher language or literature course
- ENGL 3230 History of Literary Criticism I (3)

- ENGL 3240 History of Literary Criticism II (3)
- ENGL 3250 Topics in Contemporary Theory (3)
- FORL 3021 Introduction to Linguistics (3)
- FORL 3022 Foundations of Second Language Teaching (3)
- FORL 3031 Language in Society (3)
- THEA 4070 Western Theatre History-CTW (3)
- PHIL 4010 Plato (3)
- PHIL 4020 Aristotle (3)
- PHIL 4030 Topics: Ancient Philosophy
- PHIL 4040 Augustine and Aquinas (3)
- PHIL 4050 Topics: Modern Philosophy (3)
- PHIL 4070 Marxism (3)

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3370 Japanese

Program Offered:

- **Minor in Japanese**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Yuki Takatori, Advisor

Program Degree Requirements

Minor in Japanese

Students who wish to minor in Japanese must take 15-18 hours in Japanese, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives. A grade of C or higher is required in all courses counting toward the minor.

3380 Journalism

Programs Offered:

- **Bachelor of Arts in Journalism**
    - **Concentration in Media and Society**
    - **Concentration in Multimedia Reporting**
    - **Concentration in Public Relations**
- **Minor in Journalism**

Department of Communication
8th floor, 25 Park Place
404/413-5600
communication.gsu.edu

Greg Lisby, Chair
Jaye Atkinson and Greg Smith, Associate Chairs
Doug Barthlow, Undergraduate Director

The Department of Communication offers courses that explore the processes and effects of human communication in a variety of contexts ranging from interpersonal communication to the dissemination of information through the mass media. The Department of Communication offers courses of study that develop knowledge and skills in managing face-to-face communication, the nature and social functions of the mass media, and the tools necessary for communication careers. Majors are offered in the areas of film and video, journalism, and speech.

Journalism is the practice of collecting, evaluating, and disseminating current, relevant information and opinion. The journalism major prepares students for a variety of careers as multimedia news producers or public relations practitioners. Journalism courses are also useful electives for students planning to enter other vocations who wish to deepen and expand their media-literacy.

Credit for special projects and internships is available in all majors. Internships provide students who have already completed all other requirements to gain experience in a variety of professional sectors in the metropolitan area and to tailor programs to their specific career goals.

Visit the major maps for this program at cas.gsu.edu/major/journalism/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Major Eligibility Requirements

Effective fall semester 2013, to be eligible for the Journalism major and to enroll in 3000-4000 level Journalism courses (i.e., JOUR courses), students must fulfill the following requirements:

- Complete all courses with the JOUR prefix that are in Journalism's Area F (with a minimum grade of "C") and
- Earn a 2.5 grade-point average in all Area F JOUR courses. This GPA will be calculated based on the first attempt at these JOUR courses at Georgia State University. WFs counts as an attempt.

Transfer students who transfer these course(s) into Georgia State, may use the grades in the transferred course(s) to calculate the GPA or they may attempt them once at Georgia State.

Once a student is eligible to take 3000-4000 Journalism courses, they remain eligible to take them as long as they are eligible to enroll at Georgia State University.

College and University Degree Requirements

In addition to the Major Eligibility Requirements for Journalism, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Journalism

Area F: Courses Appropriate to the Major Field (18)

1. Lang 1002 Elementary Foreign Language II (3)
   (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)
2. Required Courses (minimum grade of "C" required.) (12)
   - JOUR 1000 Introduction to Mass Communication (3)*
   - JOUR 1010 Media Writing (3)*
   - JOUR 2500 Foundations of Mass Communication Research (3)*
   - SPCH 1500 Public Speaking (3)
3. Electives: Select one course (3)
   AAS 2010, ANTH 2020, ECON 2105, ECON 2106, FILM 2700, Lang 1001 (if no previous experience with language), Lang 2001, Lang 2002, GEOG 1101, HIST 1111, HIST 1112, HIST 1140, HIST 2110, MUA 1500, MUA 1930, PHIL 2010, POLS 2101, POLS 2401, PSYC 1101, SOCI 1101, SOCI 1160, SPCH 1010, THEA 2040, WGSS 2010

* Students must have a 2.5 grade-point average in these Area F JOUR courses to be eligible for the Journalism major and to take 3000-4000-level JOUR courses. (See Major Eligibility Requirements above.)

Media and Society Concentration: Area G (24)

1. Critical Thinking Through Writing:
   - Required CTW – JOUR 3010 Advanced Media Writing (3)
   - Choice of capstone CTW: JOUR 4040 History of News Media or JOUR 4800 Media, Ethics & Society (3)
2. Required core courses:
   - JOUR 3060 Mass Comm Law & Regulation (3)

    - JOUR 3900 Digital Publishing & Production (3)
3. Choice of four Media Studies courses:
    - JOUR 3040 Communicating Environmental Issues (3)
    - JOUR 3690 Honors Readings (1-3)
    - JOUR 3955 Mass Communication Research (3)
    - JOUR 4040 History of News Media (3)(if not chosen as capstone)
    - JOUR 4460 Health Communication (3)
    - JOUR 4480 Political Communication (3)
    - JOUR 4500 Visual Communication (3)
    - JOUR 4510 Media and Politics (3)
    - JOUR 4590 African-American Popular Culture (3)
    - JOUR 4600 Readings in Journalism (3)
    - JOUR 4650 International Communication (3)
    - JOUR 4665 International Public Relations (3)
    - JOUR 4770 Media Management & Marketing (3)
    - JOUR 4780 Women and Media (3)
    - JOUR 4800 Media, Ethics & Society (3) (if not chosen as capstone)
    - JOUR 4810 Media and Popular Culture (3)
    - JOUR 4870 Honors Thesis: Research (3)
    - JOUR 4880 Honors Thesis: Writing (3-6)
    - JOUR 4900 Special Topics (1-4)
    - JOUR 4999 Directed Readings (1-4)

Multimedia Reporting Concentration: Area G (24)

1. Critical Thinking Through Writing:
    - Required CTW – JOUR 3010 Advanced Media Writing (3)
    - Choice of capstone CTW: JOUR 4040 History of News Media or JOUR 4800 Media, Ethics & Society (3)
2. Required Core courses
    - JOUR 3060 Mass Comm Law & Regulation (3)
    - JOUR 3900 Digital Publishing & Production (3)
3. Experiential Learning:
    - Mandatory course: JOUR 4030 Practicum (2)
    - Choice of two others to reach six credits for Experiential Learning:
        - JOUR 4001 Sports Journalism (2)
        - JOUR 4002 Lawmaking and Lobbying Reporting (2)
        - JOUR 4005 Local government Reporting (2)
        - JOUR 4980 Internship (2)
4. Advanced Media Practice choice of two optional courses to reach 24 credits:
    - JOUR 4120 Feature Writing (3)
    - JOUR 4180 Editorial & Critical Writing (3)
    - JOUR 4610 Advanced Desktop Editing and Publishing (3)
    - JOUR 4710 TV News Magazine (3)
    - JOUR 4720 Radio News (3)
    - JOUR 4770 Media Management & Marketing (3)
    - JOUR 4840 TV Newscast (3)

- JOUR 4905 Special Topics (1-4)

Public Relations Concentration: Area G (24)

1. Critical Thinking Through Writing:
    - Required CTW – JOUR 3560 Public Relations Writing & Projects (3)
    - Choice of capstone CTW: JOUR 4040 History of News Media or JOUR 4800 Media, Ethics & Society (3)
2. Mandatory core course: JOUR 3060 Mass Comm Law & Regulation (3)
3. Concentration mandatory core courses:
    - JOUR 3500 Public Relations Techniques (3)
    - JOUR 3950 Public Relations Research (3)
    - JOUR 4540 Public Relations Campaigns (3)
    - JOUR 3900 Digital Journalism or JOUR 3934 PR Practicum
4. Choice of one course to reach 24 credits:
    - JOUR 3010 Advanced Media Writing (3)
    - JOUR 4120 Feature Writing (3)
    - JOUR 4180 Editorial and Critical Writing (3)
    - JOUR 4610 Advanced Desktop Publishing (3)
    - JOUR 4660 Corporate Communications (3)
    - JOUR 4665 International Public Relations (3)
    - JOUR 4770 Media Management & Marketing (3)

H: Minor and Additional Courses

Majors in the Department of Communication's three B.A. programs must select a minor consisting of at least 15 hours of courses in a discipline within the Department of Communication other than the major (journalism, film/video, or speech) or in another academic department/school/institute that offers a baccalaureate degree. At least nine semester hours of minor courses must be at the 3000 level or above, unless otherwise specified by the minor-granting department/school/institute. A grade of C or higher is required in all minor courses.

Minor in Journalism

Students who wish to minor in one of the department's three programs must take 15-18 hours in the specific area, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor. Students wishing to take 3000-4000 level Journalism courses (i.e., JOUR) as part of a minor must first request departmental registration approval.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3390 Latin

Program Offered:

- **Minor in Latin**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Interim Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Gerard Pendrick, Advisor

Program Degree Requirements

Minor in Latin

Students who wish to minor in Latin must take 15-18 hours in Latin, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives. A grade of C or higher is required in all courses counting toward the minor.

3395 Latin American Studies

Minor Coordinator: Dr. Cassandra White, Department of Anthropology, cwhite@gsu.edu

Program Offered:

- **Interdisciplinary Minor in Latin American Studies**

Program Requirements:

The specific requirements for an interdisciplinary minor in Latin American Studies are as follows:

- The minor course work must consist of 15 hours of classes with significant Latin American content with a GPA of 3.0.
- These courses must be selected from at least three different departments and may not be from the major department.
- Completion of credit for a Spanish or Portuguese language course sequence of at least four semesters or certification to a similar level by means of an examination administered by the Department of World Languages and Cultures.

The courses below will fulfill the specific requirements of the interdisciplinary minor in Latin American Studies.

- AH 4669 Pre-Columbian Art
- AH 4660 Nineteenth and Twentieth Century Art in Latin America
- AH 4665 Latin American Avant-Gardes of the 1920s
- AH 4669 Art in Latin America I: 1900-1950
- AH 4670 Art in Latin America II: 1950-2000
- AH 4900 Special Studies Seminar
- AH 4980 AH Special Problems in Art History
- GEOG 4406 Advanced Regional Geography
- AAS 3600/HIST 3600 The Caribbean World (Comparative Cuba, Puerto Rico, Haiti, Trinidad)
- HIST 3620 Atlantic World
- HIST 4745 Modern Cuba
- POLS 4250 Latin American Politics
- RELS 3200 Indigenous Religions of America
- SPAN 3311 Latin American Culture and Civilization (In Spanish)
- SPAN 3315 Survey of Latin American Literature (In Spanish)
- SPAN 3395/PSYC 4680 Study Abroad Program in Argentina- Human Rights in Argentina: From Dictatorship to Democracy (1976- Today)/ Special Topics in Psychology
- SPAN 4454 Latin American Short Novel (In Spanish)
- SPAN 4456 Latin American Short Story (In Spanish)
- SPAN 4467 Survey of Latin American and Latino Cinema
- SPAN 4468 Hispanic Caribbean Literature and Culture
- SPAN 4469 Afro-Hispanic Literature and Culture
- SPAN 4470 Special Topics in Latin American Literature (In Spanish)

- SPAN 4480 Special Topics

Other courses can also be considered, depending on the professor and content of the course. There are several Anthropology courses (ANTH prefix), for example, taught by faculty in the Department of Anthropology, who teach courses with significant Latin American content (see courses taught by Dr. Jeffrey Glover, Dr. Nicola Sharrat, Dr. Cassandra White, and Dr. Bethany Turner). Please consult with the program coordinator to determine if a course not listed above is appropriate for the minor.

Examples:
ANTH 4040 Race, Class, and Gender in Global Perspective
ANTH 4170 Mesoamerican Archaeology
ANTH 4530 Ancient Cities

3400 Law and Society

Program Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Law and Society**
- **Pre-Law Allied Field**
- **Criminology Allied Field**

This program emphasizes the social sciences and humanities perspectives of the law. Drawing on the disciplines of political science, sociology, history, English, philosophy, psychology, criminal justice, and business law, the Law and Society area of concentration offers the student a broad liberal but non-professional background in law. It is a viable option for pre-law students. For students interested in the program, please contact the Department of Political Science (404-413-6159).

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

B.I.S. with a Concentration in Law and Society

Area F: Courses Appropriate to the Major

1. Required Course (3)
    - POLS 2401 Global Issues (3)
2. Required Course (3)
    - SPCH 1500 Public Speaking (3)
3. Students must complete level 1002 (3) of a language.
4. PHIL 1010 Critical Thinking (2) is required if not taken in Area B.
5. Select additional courses to complete 18 hours:
    - AAS 2010, ACCT 2101, ACCT 2102, ANTH 2020, ECON 2105, ECON 2106, ENGL 2050, ENGL 2130, GEOG 1101, HIST 1111, HIST 1112, HIST 2110, PHIL 2010, PSYC 1101, PSYC 2040, SOCI 1101, SOCI 1160, WGSS 2010, (Foreign language 1001, 2001, 2002)

Area G: Area of Concentration — Law and Society (33)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Course to fulfill CTW requirement (3)
    - POLS 3800 Introduction to Political Research-CTW (3)
2. Required Course to fulfill CTW requirement (3)
    - POLS 4900 Senior Seminar in Political Science-CTW (3) **or**
3. Required Courses (6)
    - POLS 3140 Judicial Process and Courts (3)
    - LGLS 3020 Introduction to the Law (3) **or**
    - LGLS 4050 Principles of Business Law (3)
4. Select two courses (6): At least 3 hours of PoIS must be taken here.
    - PHIL 3730 Business Ethics (3)
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
    - SOCI 4366 Law and Society (3)
5. Select five additional courses (15) — At least 3 hours of PoIS must be taken here, but no more than 12 hours from a single discipline:
    - AAS 4180, AAS 4640, CRJU 3100, CRJU 3110, CRJU 3700, CRJU 3710, CRJU 4710, CRJU 4760, CRJU 4770, CRJU 4910, ECON 4080, ECON 4400, ECON 4680, HIST 3200, HIST 3210, HIST 3220, HIST 4200, HIST 4240, JOUR 3060, PMAP 3311, PHIL 4820, PHIL 4800, POLS 3750, POLS 3550, POLS 4130, POLS 4131, POLS 4420, POLS 4780, POLS 4570, SPCH 4510/JOUR 4510, SPCH 4480, SOCI 3222, SOCI 3224. Internship POLS 4930, POLS 4940 (No more than six hours of internship may be used.)

Area H: Allied Fields

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline. Students may choose either Pre-Law or Criminology as the allied field.

Criminology

1. Select five courses (15):
    - CRJU 4410, CRJU 3210, CRJU 3310, CRJU 3410, CRJU 4420, POLS 4131, PSYC 4300, SOCI 3222, SOCI 3224, SOCI 3346, SOCI 4150, WGSS 3150/SOCI 3156

Pre-Law

1. Required Course (3)
    - ENGL 3080 History, Theory, and Practice of Argumentative Writing (3) ***or***
    - ENGL 3090 History, Theory, and Practice of Expository Writing (3)
2. Required Course (3)
    - LGLS 3020 Introduction to the Law (3) ***or***
    - LGLS 4050 Principles of Business Law (3)
3. Select three courses (9)
    - AAS 4750, CRJU 3020, CRJU 3610, ENGL 3110, ENGL 3130, ENGL 3140, ENGL 3210,

ENGL 3220, HIST 3000, PHIL 4530, PHIL 4700, POLS 3800, SPCH 3010, SPCH 3050, SPCH 2210, SPCH 3250, SPCH 4450, SPCH 4500/JOUR 4500

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3410 Mathematics and Statistics

Programs Offered:

- **Bachelor of Science in Mathematics**
  - **Concentration in Actuarial Science**
  - **Concentration in Computer Information Systems**
  - **Concentration in Computer Science**
  - **Concentration in Managerial Sciences**
  - **Concentration in Statistics**
- **Dual Degree Programs:**
  - **B.S. in Mathematics (Actuarial Science concentration) with the Master of Actuarial Science**
  - **B.S. in Mathematics (Computer Information Systems concentration) with the Master of Science in Information Systems**
  - **B.S. in Mathematics (Mathematical Risk Management concentration) with the Master of Science in Risk Management and Insurance (Mathematical Risk Management specialization)**
- **Minor in Mathematics**

Department of Mathematics and Statistics
750 College of Education Building
404-413-6464
mathstat.gsu.edu

Guantao Chen, Chair
Alexandra Smirnova, Associate Chair
Michael Stewart, Director of Undergraduate Studies
Igor Belykh, Director of Undergraduate Advisement

All freshmen entering Georgia State University are required to take either the College Entrance Examination Board Scholastic Aptitude Test (SAT) or the assessment of the American College Testing Program (ACT). The results of the test, performance in and time of previous mathematical education, and the student's intended major or career goals are all factors to be considered when registering for any mathematics course. In order to register for courses numbered 1111 or higher, students must make an appropriate score on the mathematics placement test (see Section 1410.10) or have other appropriate prerequisite work. Therefore, students are urged to check the prerequisites for mathematics courses, and the mathematics requirement as listed by their major department/school/institute. Refer any questions to that department/school/ institute or to the Department of Mathematics and Statistics.

Mathematics is one of the great unifying themes in our modern culture. It is a language, a science, an art form, and a tool of tremendous power. The Department of Mathematics and Statistics, in its courses for both majors and non-majors, seeks to introduce students to this vast area of knowledge and to show them how mathematics can be used to solve problems.

The B.S. degree program in mathematics prepares a student for positions in business, industry, and government; a career in the teaching of mathematics at the secondary level; or further study in mathematics

or statistics leading to graduate degrees.

Five concentrations are offered within the B.S. degree in mathematics. The concentration in actuarial science prepares a student to work as an actuary. The concentration in computer information systems prepares students for work in the field of management information systems. The concentration in computer science provides education in more scientific aspects of computing. The concentration in managerial sciences provides training in management modeling, problem solving, and computer-assisted decision support/expert systems technologies. Finally, the concentration in statistics prepares students for work as applied statisticians.

Guidelines for minors in the Department of Mathematics and Statistics are given after the program descriptions.

In addition to immediate employment, there are opportunities for good students to pursue further study at the graduate level in mathematics, statistics, and other fields.

In 1978, the department initiated a cooperative education program with International Business Machines, Inc. Over the years, the program has expanded to include many other firms. Hundreds of majors have benefited from a co-op experience. Majors have an opportunity for paid work experience related to their area of study. They may also make important contacts that may lead to full-time employment after graduation. The Office of Cooperative Education has been established to coordinate the university's cooperative education programs.

Majors are asked to consider carefully the career objectives they wish to pursue after graduation. A particular career objective may suggest a special choice for the minor or concentration that would prepare one for that career. It also might suggest that a co-op experience would be useful. Faculty who serve as academic advisers for majors can discuss choices and concentrations that are available to majors.

Visit the major maps for this program at cas.gsu.edu/major/mathematics-and-statistics/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Financial Information

There are no extra fees, scholarships or other expenses outside of regular Georgia State University fees applicable to a B.S. degree in mathematics, other than those associated with teacher preparation (see Sections 1605 and 1610).

Program Academic Regulations

Students must earn a grade of C or higher in all mathematics courses in the core, Area F, and Area G.

Program Degree Requirements

As part of the core curriculum, students must receive credit for the three calculus courses Math 2211, Math 2212, Math 2215, and Discrete Mathematics (Math 2420). (When counting the number of semester hours in Areas A, D, and F, only 3 of the 4 credit hours of each calculus course will be counted in Area A and/or D. The fourth hour, or the "rollover hour," will be counted in Area F.)

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Mathematics

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1112 College Trigonometry (3) or MATH 1113 Precalculus (3) (or a higher-level mathematics course)
2. Required course:
    - MATH 2211 Calculus of One Variable I (4) (or a higher-level mathematics course)

Area F: Courses Appropriate to the Major Field (18)

1. Required Courses: Select the course(s) not taken in Area A or D. (7-11)
    - MATH 2211 Calculus of One Variable I (4)
    - MATH 2212 Calculus of One Variable II (4)
    - MATH 2215 Multivariate Calculus (4)
    - MATH 2420 Discrete Mathematics (3)
2. Select additional courses to complete 18 hours in Area F. (7-11)
    - ACCT 2101, ACCT 2102, BIOL 2107K, BIOL 2108K, CHEM 1211K, CHEM 1212K, CHEM 2400, CSC 2010, CSC 2310, ECON 2105, ECON 2106, Lang 2001, Lang 2002, PHIL 1010, PHYS 2211K, PHYS 2212K

Area G: Major Courses (33)

1. Required Courses to fulfill CTW requirement (6)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
    - MATH 4991 Senior Seminar-CTW (3)
2. Required Courses (18)
    - MATH 3435 Linear Algebra I (3)
    - MATH 4435 Linear Algebra II (3)
    - MATH 4441 Modern Algebra (3)
    - MATH 4442 Modern Algebra II (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4751 Mathematical Statistics I (3)
3. Mathematics Electives: Select 12 additional hours of 3000/4000-level mathematics courses, of which six hours at most may be at the 3000 level (excluding Math 3030, 3050, 3070, and 3090).
4. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Area H: Additional Major Courses, Concentrations, Minor, and Electives

See descriptions below as to the specifics of special programs, such as the various concentrations offered. Students earning a B.S. in the Department of Mathematics and Statistics are not required to complete a

minor.

Actuarial Science Concentration

An actuary is an executive who uses mathematical and statistical skills to define, analyze, and solve problems of society. Actuaries create and manage programs to reduce the adverse financial impact of the expected and unexpected events that happen to people. They are employed in business, industry, and government.

The Department of Mathematics and Statistics, in cooperation with the actuarial science program in the Department of Risk Management and Insurance, offers the Bachelor of Science with a major in mathematics and a concentration in actuarial science. This program provides strong preparation in both mathematics and actuarial science. Students completing this program may request that a suitable annotation be placed on their permanent record.

Students must receive credit for the calculus courses Math 2211, 2212, and 2215 and for Math 2420, CSc 2010, CSc 2310, Econ 2105 and Econ 2106 in the core curriculum Areas A-F or as electives.

1. Required Courses to fulfill CTW requirement (6)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
    - MATH 4991 Senior Seminar-CTW (3)
2. Mathematics Requirements (24)
    - MATH 3435 Linear Algebra I (3)
    - MATH 4211 Optimization (3)
    - MATH 4435 Linear Algebra II (3)
    - MATH 4610 Numerical Analysis I (3)
    - MATH 4661 Analysis I (3)
    - Either MATH 4662 Analysis II or MATH 4441 Modern Algebra I (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4752 Mathematical Statistics II (3)
3. Actuarial Science Requirements (15)
    - AS 4140 Mathematical Foundations of Actuarial Science (3)
    - AS 4230 Theory of Interest (3)
    - AS 4340 Life Contingencies I (3)
    - Two of AS 4320, AS 4350, or AS 4510 (6)
4. Required Economics Courses (6) (if not completed in Area F)
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
5. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (9)

Computer Information Systems Concentration

In cooperation with the Department of Computer Information Systems, the Department of Mathematics and Statistics offers the Bachelor of Science with a major in mathematics and a concentration in computer information systems. This program provides strong preparation in both mathematics and computer information systems. Students completing this concentration may request that a suitable annotation be

placed on their permanent record. They are eligible to receive a certificate signed by the chair of the Department of Mathematics and Statistics and the dean of the College of Arts and Sciences. Students must receive credit for the calculus courses Math 2211, 2212, and 2215 and for Math 2420, CSc 2010, and CIS 2010 in the core curriculum Areas A-F or as electives.

1. Required Courses to fulfill CTW requirement (6)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
    - MATH 4991 Senior Seminar-CTW (3)
2. Mathematics Requirements (15)
    - MATH 3435 Introductory Linear Algebra (3)
    - MATH 4435 Linear Algebra (3)
    - MATH 4661 Analysis I (3)
    - Either MATH 4662 Analysis II or MATH 4441 Modern Algebra I (3)
    - MATH 4751 Mathematical Statistics I (3)
3. Select one additional upper-level mathematics course (exclusive of Math 3030, 3050, 3070, and 3090). (3)
4. Computer Science Requirements (12-15)
    - CSC 2310 Principles of Computer Programming I (3)
    - CSC 3210 Computer Organization and Programming (3)
    - CSC 3410 Data Structures-CTW (3)
    - Select one of the following:
        - CSC 3320 System-Level Programming (3)
        - CSC 4210 Computer Architecture (4)
        - CSC 4320 Operating Systems (4)
5. Computer Information Systems Requirements (12)
    - CIS 3210 End User Applications Programming (3)
    - CIS 3300 Systems Analysis (3)
    - CIS 3310 Systems Design (3)
    - Select one additional CIS course, preapproved by the director of undergraduate advisement. (3)
6. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (8-9)

Computer Science Concentration

The Department of Mathematics and Statistics offers the Bachelor of Science in mathematics with a concentration in computer science. This program provides strong preparation in both mathematics and computer science. Students completing this program may request that a suitable annotation be placed on their permanent record.

Students must receive credit for the calculus courses Math 2211, 2212, and 2215 and for Math 2420, CSc 2010, and CSc 2310 in core curriculum Areas A-F or as electives.

1. Required Courses to fulfill CTW requirement (6)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
    - MATH 4991 Senior Seminar-CTW (3)
2. Mathematics Requirements (15)

    - MATH 3435 Linear Algebra I (3)
    - MATH 4435 Linear Algebra II (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4751 Mathematical Statistics I (3)
3. Select one additional upper-level mathematics course (exclusive of Math 3030, 3050, 3070, and 3090). (3)
4. Computer Science Requirements (16)
    - CSC 3210 Computer Organization and Programming (3)
    - CSC 3410 Data Structures-CTW (3)
    - CSC 4520 Design and Analysis of Algorithms (4)
    - CSC 4610 Numerical Analysis I (3)
    - CSC 4620 Numerical Analysis II (3)
5. Additional Computer Science Courses (6-8)
   Select two additional upper-level computer science courses with at least one selected from the following:

    - CSC 3320 System-Level Programming (3)
    - CSC 4210 Computer Architecture (4)
    - CSC 4330 Programming Language Concepts (4)
    - CSC 4350 Software Engineering-CTW (4)
6. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (6-8)

Managerial Sciences Concentration

In cooperation with the Department of Managerial Sciences, the Department of Mathematics and Statistics offers the Bachelor of Science with a major in mathematics and a concentration in managerial sciences. In the managerial sciences, students receive training in management modeling, problem solving, and computer-assisted decision support/expert systems technologies. They learn to apply these skills to the functional areas of administration to increase managerial effectiveness and productivity. Managerial sciences training leads to such careers as management consultants; logistics specialists; quality assurance analysts; data analysts/statisticians; and decision support/expert systems builders. Students completing this program may request that a suitable annotation be placed on their permanent record. Students must receive credit for the calculus courses Math 2211, 2212, and 2215 and for Math 2420, CSc 2010, and CSc 2310 in the core curriculum Areas A-F or as electives.

1. Required Courses to fulfill CTW requirement (6)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
    - MATH 4991 Senior Seminar-CTW (3)
2. Mathematics Requirements (12)
    - MATH 3435 Introductory Linear Algebra (3)
    - MATH 4435 Linear Algebra (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
3. Statistics Requirements: Select a two-course sequence. (6)
    - MATH 4751 Mathematical Statistics I (3) and

    - MATH 4752 Mathematical Statistics II (3) or
    - MATH 4547 Introduction to Statistical Methods (3) and
    - MATH 4548 Methods of Regression and Analysis of Variance (3)
4. Two additional courses in mathematics and/or computer science (6-7) (exclusive of Math 3030, 3050, 3070, and 3090), including one of the following:
    - MATH 4211 Optimization (3) or
    - CSC 4830 System Simulation (4)
5. Managerial Sciences Requirements (15)*
    - MGS 3100 Business Analysis (3)
    - MGS 4000 Managerial Decision Making (3)
    - MGS 4020 Introduction to Business Intelligence (3)
    - MGS 4110 Analysis of Business Data (3)
    - MGS 4120 Optimal Resource Allocation (3)
6. Managerial Sciences Electives: Select one course. (3)
    - MGS 4140 Business Modeling (3)
    - MGS 4760 Total Quality Management (3)
7. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (11-12)

*Students must have satisfied the statistics requirements before enrolling in any Mgs courses.

Statistics Concentration

Statisticians give advice on the statistical design of experiments, conduct surveys, and analyze data. They use computers, often writing their own programs. They collaborate with specialists in fields such as biology, health sciences, medicine, economics, marketing, psychology, and sociology as well as in business and industry. They are employed in business, industry, and government. The Department of Mathematics and Statistics offers the Bachelor of Science degree in mathematics with a concentration in statistics. Students in this program should select additional courses from a field to which statistics can be applied. Such a selection is called a related field and must be pre-approved by a departmental adviser. Examples of seven related fields are shown in section 4. Students must receive credit for the calculus courses Math 2211, 2212, and 2215 and Math 2420, for CSc 2010, and CSc 2310 in the core curriculum Areas A-F or as electives.

1. Required Courses to fulfill CTW requirement (6)
    - MATH 3000 Bridge to Higher Mathematics-CTW (3)
    - MATH 4991 Senior Seminar-CTW (3)
2. Mathematics and Statistics Requirements. (21)
    - MATH 3435 Linear Algebra I (3)
    - MATH 4435 Linear Algebra II (3)
    - MATH 4548 Methods of Regression and Analysis of Variance (3)
    - MATH 4661 Analysis I (3)
    - MATH 4662 Analysis II (3)
    - MATH 4751 Mathematical Statistics I (3)
    - MATH 4752 Mathematical Statistics II (3)
3. Select one course. (3-4)
    - MATH 4544 Biostatistics (3)*

    - MATH 4547 Introduction to Statistical Methods (3)*
    - MATH 4767 Statistical Computing (3)
    - CSC 4830 System Simulation (4)
    - *At most, one semester of Math 4544 and 4547 may be counted in this program.
4. Select one course. (3)
    - MATH 4211 Optimization (3)
    - MATH 4610 Numerical Analysis I (3)
    - Any one of the courses not taken in group 2 (3)
5. Related Field Courses: Select 12 hours of course work in a field other than mathematics. (12) Related field courses must be pre-approved by a faculty adviser and must include at least nine hours of upper-division course work. Examples of related fields are: Actuarial Science, Biology, Computer Information Systems, Computer Science, Economics, Managerial Sciences, and Marketing.
6. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. (14-15)

Minor in Mathematics

Students choosing to minor in mathematics should complete Math 2212, 2215, and nine hours of additional mathematics courses at the 3000 level or above. There are some restrictions, and course selections must be approved by the Department of Mathematics and Statistics. Students are urged to consult with members of the Department of Mathematics and Statistics to determine which courses would be most useful in their major field.

Dual Bachelor's/Master's Degree Programs

The department offers the following dual degree programs in partnership with the J. Mack Robinson College of Business:

- B.S. in Mathematics (Actuarial Science concentration) with the Master of Actuarial Science
- B.S. in Mathematics (Computer Information Systems concentration) with the Master of Science in Information Systems
- B.S. in Mathematics (Mathematical Risk Management concentration) with the Master of Science in Risk Management and Insurance (Mathematical Risk Management specialization)

These dual degree opportunities enable qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by participating departments and colleges to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3415 Media Entrepreneurship

Program Offered:

- **Bachelor of Interdisciplinary Studies Concentration in Media Entrepreneurship**

Creative Media Industries Institute

David Cheshier, director
404-413-5649
dcheshier@gsu.edu

The interdisciplinary major concentration in Media Entrepreneurship prepares students for entry into a changing media environment with an understanding of current business dynamics and opportunities. Students will gain grounding in the skills they need to start their own businesses and to bring innovative and entrepreneurial thinking to traditional media organizations. Throughout the program, students will examine organizational culture, emerging and traditional business models, opportunities and challenges presented by the start-up climate, and will discuss how to leverage digital media tools in an entrepreneurial context.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G (i.e., no more than three to four 3-4 credit hour courses from a single discipline) nor of Area H (i.e., no more than two 3-4 credit hour courses can be taken within a single discipline).

Bachelor of Interdisciplinary Studies Concentration in Media Entrepreneurship

Recommended Courses for Area F

Students should enter the Media Entrepreneurship major having taken course prerequisites needed for entrance into their planned program of study. Below is a list of courses that are prerequisites for courses included as options in Media Entrepreneurship.

1. Required Language at 1002 level (3)
2. Select four additional courses from the following:
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - ACCT 2101 Principles of Accounting 1 (3)
    - ACCT 2012 Principles of Accounting II (3)
    - BUSA 2106 Legal Environment for Business (3)
    - CIS 2010 Introduction to Computer Based Information Systems (3)
    - ECON 2105 Introduction to Macroeconomics (3)
    - ECON 2106 Introduction to Microeconomics (3)
    - FILM 1010 Film Aesthetics and Analysis (3)
    - FILM 2700 History of the Motion Picture (3)
    - FILM 2900 Language of Film through Production (3)
    - JOUR 2700 Foundations of Media Theory (3)
    - MATH 1070 Elementary Statistics (3)
    - MATH 1113 Pre-Calculus (3)
    - MUS 1430 Fundamentals of Music (3)
    - MUS 1440 Theory I (3)
    - MUS 1540 Theory II (3)
    - MUS 2440 Theory III (3)
    - PHYS 1111K Introductory Physics I (3)
    - PHYS 1112K Introductory Physics II (3)
    - PHYS 2030K Physics of Music and Speech (3)
    - THEA 2210 Acting I (3)

Area G: Area of Concentration (27-33 hours)

Not more than four (4) three hour courses (i.e. 12 hours) can come from the same course prefix in the student's program of study, excluding CTW courses.

1. Required courses (12 Hours)
    a. BUSA 3090 Survey of Business Principles for Non-Business Students (3)
    b. BIS 4995 Directed Readings – CTW (3) (must have permission of the Media Entrepreneurship advisor)
    c. ENI 3101 Entrepreneurial Thinking for Startups (3)
    d. JOUR 4800 Media Ethics and Society (3) (CTW))
2. Entrepreneurship Core (choose two)
    - ENI 3102 The Startup Venture (3)
    - ENI 3103 Commercializing the Startup (3)
    - FILM 4156 Media Entrepreneurship (4)]
    - MTM 3440 Entrepreneurship in the Music Industry (2)
    - MK 4850 Marketing for Entrepreneurs (3)
    - JOUR 4900 Journalism Entrepreneurship (3)
    - MGS 4590 Entrepreneurship Field Study (3)
3. Media Industry/Law/Policy/Management (choose three)
    - ACCT 4111 Intermediate Accounting I (3)
    - BCOM 3950 Business Communication and Professional Development (3)

- BUSA 3000 Globalization and Business Practice (3)
- CIS 3730 Database Management Systems (3)
- ENI 4100 From Startup to Growth Company (3)
- FILM 4800 Film and Media Industries (3)
- FI 3300 Corporate Finance (3)
- JOUR 3060 Communication Law and Regulation (3)
- JOUR 4770 Media Management and Marketing (3)
- LGLS 3020 Introduction to the Law (3)
- LGLS 4050 Principles of Business Law (3)
- LGLS 4060 Internet Law (3)
- MGS 3100 Business Analysis (3)
- MGS 3400 Managing People in Orgs (3)
- MGS 4110 Analysis of Business Data (3)
- MGS 4430 Negotiation (3) (BIS students have only BUSA 3090 as prereq with consent of instructor.)
- MGS 4500 Entrepreneurship/New Venture Management (3) (BIS students have only BUSA 3090 as prereq with consent of instructor.)
- MTM 3010 Introduction to Music Industry (3)
- MTM 3050 Legal Aspects of the Music Industry (3)
- MTM 3300 Copyright and Music Publishing (3)
- MTM 3440] Entrepreneurship in the Music Industry (2)
- MTM 3450 Artist Representation (2)

4. Marketing and Promotion (choose two)
    - ENGL 3120 Electronic Writing and Publishing (3)
    - JOUR 3500 Public Relations Techniques (3)
    - JOUR 3950 Public Relations Research (3)
    - JOUR 4540 Public Relations Campaigns (3)
    - JOUR 4610 Applied Graphic Communication (3)
    - JOUR 4770 Media Management and Marketing (3)
    - MK 3010 Marketing Management (3)
    - MK 4100 Buyer Behavior (3)
    - MK 4150 Business-to-Business Marketing (3)
    - MK 4330 Principles of Professional Sales (3)
    - MK 4305 Social Media Marketing (3)
    - MK 4200 Marketing Research (3)
    - MK 4620 Product Management (3)
    - MK 4850 Marketing for Entrepreneurs (3)
    - MTM 3020 Promotion of Recorded Music (3)
    - MTM 3030 Marketing and Branch Distribution in the Music Industry (3)

Area H Allied Field (15-21 hours)

No more than two courses can come from the same course prefix in a student's program of study.

- CIS 3260 Introduction to Programming] (3)
- CIS 4120 Defining and Innovating Business Processes (3)
- FILM 3100 Television Practicum (1-4)

- FILM 3115 Screenwriting & Visualization for the Short Film (4)
- FILM 3300 Dramatic Writing for Stage and Screen (3)
- FILM 4000 Acting and Directing for the Camera (4)
- FILM 4120 Production I (4)
- FILM 4310 Feature Screenwriting I (3)
- FILM 4320 Feature Screenwriting II (3)
- GRD 3000 Introduction to Graphic Design (3)
- GRD 3200 Intermediate Graphic Design (3)
- GRD 3300 Illustration Design (3)
- GRD 4100 Print and Editorial Design (3)
- GRD 4310 Multimedia Design (3)
- GRD 4400 Graphic Design for Film and TV (3)
- GRD 4350 Graphic Design through Advertising (3)
- JOUR 4900 Television Practicum (1-4)
- JOUR 4500 Visual Communication (3)
- SPCH 4500 Visual Communication (3)
- MTM 3110 Intro to Audio Recording (4)
- MTM 3120 Digital Audio Technology and Recording Techniques (4)
- MUS 4730 Computer Applications in Music (2)
- MUS 4981 Computer Music (3)
- PHOT 3020 Photo 1 for Non-Photo Majors (3)
- PHOT 3200 Color Photography (3)
- PHOT 3300 Studio Photography (3)
- PHOT 3500 Digital Photography (3)
- THEA 3300 Dramatic Writing for Stage and Screen (3)
- THEA 4000 Acting and Directing for the Camera (4)

3420 Middle East Studies

Programs Offered:

- **Bachelor of Interdisciplinary Studies with a Concentration in Middle East Studies**
- **Minor in Middle East Studies**
- **Minor in Arabic Language and Literature**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair

The Department of World Languages and Cultures offers an interdisciplinary major in Middle East Studies (MES), a minor in Middle East Studies and a minor in Arabic. The major is ideal for students who want a well-rounded understanding of the Middle East along with the opportunity to study languages of the region. Students take courses on the Middle East in a variety of disciplines, including history, political science, religious studies, communication and women's studies. Each student selects the specific courses included in his or her program of study in consultation with a program advisor. The MES major prepares students for graduate school or for careers in government, business, the non-profit sector or the military.

MES faculty offer courses in three Middle Eastern languages: Arabic, Hebrew and Turkish. Summer intensive courses are offered in some languages. The department encourages students to take advantage of study abroad opportunities to deepen their knowledge of the culture and languages of the Middle East.

The department and the Middle East Center sponsor a dynamic set of activities outside the classroom, including a lecture series and cultural activities, focused on achieving greater understanding of the rich and varied cultures of the Middle East. Arabic and Turkish coffee hours are a great way for students to engage with other students and faculty and experience Middle East culture. For more information visit: mcl.gsu.edu.

Visit the major maps for this program at cas.gsu.edu/major/middle-east-studies/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.I.S. with a Concentration in Middle East Studies

Area F: Courses Appropriate to the Major (18)

1. Language: competency in Arabic, Hebrew, Turkish, or another Middle Eastern language through 2002 level is required (12-16)
2. Middle East Studies courses chosen in consultation with adviser. (3-6)
   Suggested courses:
   - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
   - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)
   - AH 1850 Survey of Art III. Art of Africa, Oceania, and the Americas (3)
   - AL 2102 Languages of the World (3)
   - ANTH 1102 Introduction to Anthropology (3)
   - ANTH 2010 Introduction to Biological Anthropology (3)
   - GEOG 1101 Introduction to Human Geography (3)
   - HIST 1111 Survey of World History to 1500
   - HIST 2500 Contemporary World History (3)
   - POLS 2401 Global Issues (3)
   - RELS 2001 Introduction to World Religions (3)

Area G: Area of Concentration (27-33)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Course to fulfill CTW requirement (3)
   - ECON 3900 Macroeconomics (3) **or**
   - HIST 3000 Introduction to Historical Studies-CTW (3) **or**
   - POLS 3800 Introduction to Political Research-CTW (3) **or**
   - RELS 3750 Theories and Methods in Religious Studies-CTW (3)
2. Required Course to fulfill CTW requirement (3)

- ARBC 4501 Classical Arabic Lit & Culture (3) **or**
- ARBC 4502 Modern Arabic Literature in Translation (3) **or**
- ARBC 4503 The Qur'an as Literature (3)

3. Select two courses (6-8)
    - MES 3400/RELS 3400 Introduction to Judaism (3)
    - MES 3500/RELS 3500 Introduction to Islam (3)
    - MES 4110/HIST 3780 The Middle East, 600 to 1800 (4)
    - MES 4120/HIST 3790 The Middle East since 1800 (4)
    - MES 4210/POLS 4260 Politics of the Middle East and North Africa (3)
    - MES 4310/GEOG 4408 Geography of the Middle East and North Africa (4)
    - MES 4510/AH 4010 Art of Ancient Egypt and Nubia (3)
    - MES 4520/AH 4020 Art and Architecture of the Ancient Near East (3)
4. Fifteen to nineteen hours taken at the 3000 level or above from the Middle East Studies course list below or other appropriate courses selected in consultation with your MEI adviser.
    - AH 4900 Special Studies Seminar (3) (when appropriate) recent topics have included: Ancient Egyptian Hieroglyphs, Iconography and Symbolism in Ancient Funerary Art, Art of Persia and Mughal India, Islamic Art 1, Islamic Art 2, Ancient Egyptian Portraiture, and Orientalism
    - ARBC 3001 Advanced Arabic I (4)
    - ARBC 3002 Advanced Arabic II (4)
    - ARBC 4501 Classical Arabic Lit & Culture (3)
    - ARBC 4502 Modern Arabic Literature in Translation (3)
    - ARBC 4503 The Qur'an as Literature (3)
    - ENGL 4000 Jewish Literature
    - HIST 4640/SOCI 3228 The Holocaust (3)
    - MES 3110/HIST 3500 The Ancient Mediterranean (4)
    - MES 3400/RELS 3400 Introduction to Judaism (3)
    - MES 3500/RELS 3500 Introduction to Islam (3)
    - MES 3710/JST 3000 Introduction to Jewish Studies (3)
    - MES 4110/HIST 3780 The Middle East, 600 to 1800 (4)
    - MES 4120/HIST 3790 The Middle East since 1800 (4)
    - MES 4130/HIST 4525 Worlds of Eastern Christianity (to 1300) (4)
    - MES 4140/HIST 4510 Origins and Collapse of Ancient Near Eastern Societies (4)
    - MES 4150/HIST 4520 Ancient Persia, Greece, and Rome (4)
    - MES 4210/POLS 4260 Politics of the Middle East and North Africa (3)
    - MES 4220/POLS 4285 Politics and Religion in Comparative Perspective (3)
    - MES 4230/POLS 4952 Model Arab League (3)
    - MES 4258/POLS 4258 Government and Politics of South Asia (3)
    - MES 4310/GEOG 4408 Geography of the Middle East and North Africa (4)
    - MES 4420/RELS 4450 Modern Judaism (3)
    - MES 4430/RELS 4480 Islamic Fundamentalism in the Modern World (3)
    - MES 4440/RELS 4570 Special Topics in Islam (3)
    - MES 4450/RELS 4580 Life of Muhammad (3)
    - MES 4510/AH 4010 Art of Ancient Egypt and Nubia (3)
    - MES 4511/AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 BC (3)
    - MES 4512/AH 4012 Art and Architecture of Ancient Egypt II: 1600 BC-31 BC (3)
    - MES 4520/AH 4020 Art and Architecture of the Ancient Near East (3)

- MES 4530 Islamic Philosophy (3)
- MES 4590 Special Studies Seminar (1-6)
- WGSS 4910 Special Topics (3) (when appropriate, i.e. Arab and Islamic Feminisms)

New courses are regularly added to this list, please check with the Department of World Languages and Cultures for the most recent list of courses.

Area H: Allied Field (15-21)

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline. In consultation with the adviser, students choose courses in from two or more departments.

Area J: Electives

Electives are used to build the hours in Areas G-J to 60 hours, have 39 hours at Georgia State University taken at the 3000-4000 level for residency, and complete 120 hours required for graduation.

Study Abroad

Students are strongly encouraged to participate in a study abroad program to the region. MES faculty members regularly conduct related summer programs. Students may also study abroad in the region on semester and year-long programs.

Minor in Middle East Studies

Select 15 semester hours from the following courses or other appropriate courses selected in consultation with your MEI adviser:

- AH 4900 Special Studies Seminar (3) (when appropriate) recent topics have included: Ancient Egyptian Hieroglyphs, Iconography and Symbolism in Ancient Funerary Art, Art of Persia and Mughal India, Islamic Art 1, Islamic Art 2, Ancient Egyptian Portraiture, and Orientalism
- ARBC 3001 Advanced Arabic I (4)
- ARBC 3002 Advanced Arabic II (4)
- ARBC 4501 Classical Arabic Lit & Culture (3)
- ARBC 4502 Modern Arabic Literature in Translation (3)
- ARBC 4503 The Qu'ran as Literature (3)
- ENGL 4000 Jewish Literature (3)
- HIST 4640/SOCI 3228 The Holocaust (3)
- MES 3110/HIST 3500 The Ancient Mediterranean (4)
- MES 3400/RELS 3400 Introduction to Judaism (3)
- MES 3500/RELS 3500 Introduction to Islam (3)
- MES 3520/RELS 3520 Sufism and Islamic Mysticism (3)
- MES 3710/JST 3000 Introduction to Jewish Studies (3)
- MES 4110/HIST 3780 The Middle East, 600 to 1800 (4)
- MES 4120/HIST 3790 The Middle East since 1800 (4)
- MES 4130/HIST 4525 Worlds of Eastern Christianity (to 1300) (4)
- MES 4140/HIST 4510 Origins and Collapse of Ancient Near Eastern Societies (4)

- MES 4150/HIST 4520 Ancient Persia, Greece, and Rome (4)
- MES 4210/POLS 4260 Politics of the Middle East and North Africa (3)
- MES 4220/POLS 4285 Politics and Religion in Comparative Perspective (3)
- MES 4230/POLS 4952 Model Arab League (3)
- MES 4258/POLS 4258 Government and Politics of South Asia (3)
- MES 4310/GEOG 4408 Geography of the Middle East and North Africa (4)
- MES 4420/RELS 4450 Modern Judaism (3)
- MES 4430/RELS 4480 Islamic Fundamentalism in the Modern World (3)
- MES 4440/RELS 4570 Special Topics in Islam (3)
- MES 4450/RELS 4580 Life of Muhammad (3)
- MES 4510/AH 4010 Art of Ancient Egypt and Nubia (3)
- MES 4511/AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 BC (3)
- MES 4512/AH 4012 Art and Architecture of Ancient Egypt II: 1600 BC-31 BC (3)
- MES 4520/AH 4020 Art and Architecture of the Ancient Near East (3)
- MES 4530 Islamic Philosophy (3)
- MES 4590 Special Studies Seminar (1-6)
- WGSS 4910 Special Topics (3) (when appropriate, i.e. Arab and Islamic Feminisms)

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3430 Military Science and Leadership

Program Offered:

- **Minor in Advanced Leadership and Management**
  - **Concentration in Human Behavior**
  - **Concentration in Military History**
  - **Concentration in Management**
  - **Concentration in National Security Studies**

Department of Military Science and Leadership
120 Courtland Building
404/413-6487
www.gsu.edu/rotc

The Department of Military Science and Leadership, most often referred to as the Reserve Officer's Training Corps (ROTC), develops leadership and problem solving skills training, through hands-on training and classroom instruction by experienced, active-duty Army officers and non-commissioned officers. Students learn the necessary skills to become successful civilian or military professionals. Students apply leadership, organizational and personnel management skills in a variety of challenging environments. Qualified students may obtain a commission as a Second Lieutenant, with the opportunity to serve as either full time in the active Army, or full or part time in the National Guard or U.S. Army Reserve. Students may also compete for two, three, or four year ROTC scholarships.

The basic courses (MSL 1000 and 2000 series) are normally taken in the freshman and sophomore years. Contracted students in the basic course are paid $300-350 per month while enrolled. Successful completion of the basic course gives students the credentials necessary for enrollment in the advanced course. The advanced course (MSL 3000 and 4000 series) is taken during the final two years of college and includes an advanced summer training between the junior and senior years. Students in the advanced program are paid $450-500 per month while enrolled, and earn a salary for all summer internships.

Army ROTC offers opportunities for scholarships for the full amount of tuition and fees or for room and board up to $10,000. Students may apply for two, three and four year scholarships. Each contracted cadet receives a tax free allowance each month classes are in session. The allowance increases each year: $300 per month during the student's freshman year, $350 per month during the sophomore year, $450 per month during the junior year, and $500 per month during the senior year. Army ROTC scholarships are awarded on the basis of merit. Family income has no bearing on eligibility for an award. For more details, contact the scholarship advisor at the ROTC department at 404/413-6492.

Nursing

GSU Army ROTC also offers a unique scholarship opportunity for School of Nursing students. These scholarships cover full tuition, books and fees, and provide a monthly allowance. Two, three, and four-year scholarships are available for all qualified nursing majors. Contact the scholarship advisor at the ROTC department at 404/413-6492

Veterans

Students with prior military experience can fulfill credit requirements for the ROTC basic course. If credit is granted, and provided the student is not on a three year Army ROTC scholarship, veterans may bypass the freshman and sophomore years of ROTC and enroll directly in the advance course. In addition to any financial assistance from ROTC veterans are still qualified to receive any and all GI Bill, Army College Fund, or VEAP benefits to which they are entitled.

Simultaneous Membership Program

Students my take advantage of the Simultaneous Membership Program (SMP), which allows participation in ROTC and enlistment in the Army National Guard or Reserve at the same time. SMP students serve as officer trainees in a Guard or Reserve unit and perform duties commensurate with the grade of Second Lieutenant. SMPs are paid at the rate of at least a Sergeant E-5 for Guard or Reserve service.

Program Degree Requirements

Minor in Advanced Leadership and Management

General Minor Requirements

1. A cumulative Georgia State University grade-point average of 2.0.
2. All courses for the minor must be taken at the 3000 level or above.
3. No more than six hours may be taken in any department/school/institute.
4. A grade of C or higher is required in all minor courses.
5. Completion of courses required for major.
6. Minor courses cannot be from a major area.

Advanced Leadership and Management Requirements

1. Acceptance into the program by the Professor of Military Science (PMS) and the Bachelor of Interdisciplinary Studies (BIS) council.
2. A grade-point average of 2.0 or higher in all military science courses.
3. Must be enrolled in the Advanced Military Science program.
4. Successful completion of Leader Development Assessment Course (LDAC).
5. Completion of Hist 3625 War in Europe and America Since 1500 (3)
6. Select one course. (3)
    - ENGL 3110 Technical Writing (3)
    - ENGL 3130 Business Writing (3)
    - ENGL 3210 Advanced Grammar (3)
    - SPCH 3010 Advanced Public Speaking (3)
    - SPCH 3210 Business and Professional Communication (3)
7. Select two courses. Only one course may be chosen from each concentration (6)
    1. **Human Behavior Concentration**
        - PSYC 3110 Psychology of Interpersonal Behavior (3)
        - PSYC 3560 Leadership and Group Dynamics (3)
        - PSYC 4160 Theories of Personality (3)
    2. **Military History Concentration**
        - HIST 3220 United States in the Twentieth Century (4)

    - HIST 3790 The Middle East since 1800 (4)
    - HIST 4230 Foreign Relations of the United States (4)
    - HIST 4600 Russia and the Soviet Union since 1861 (4)
    - HIST 4610 Modern Eastern Europe (4)
3. **Management Concentration**
    - BCOM 3950 Fundamentals of Business Communication (3)
    - MGS 3400 Managing People in Organizations (3)
    - MGS 4470 Organizational Communication (3)
4. **National Security Studies Concentration**
    - POLS 3400 International Politics (3)
    - POLS 3450 United States Foreign Policy (3)
    - POLS 4130 American Constitutional Law (3)
    - POLS 4210 Politics of Developing Countries (3)
    - POLS 4245 Politics of Russia and Eastern Europe (3)
    - POLS 4290 Studies in Comparative Politics (3)
    - POLS 4460 U.S. National Security Policy (3)

Students must complete one of the following programs of instruction to qualify for a commission in the U.S. Army:

Standard:

- MSL 1000-4000 level courses
- Leader Development and Assessment Course (Ft. Lewis, WA – Summer)

Basic Progression:

- Leader's Training Course (Ft. Knox, KY – Summer)
- MSL 3000-4000 level courses
- Leader Development and Assessment Course (Ft. Lewis, WA – Summer)

JROTC-ROTC:

- 4 years of Junior ROTC
- MSL 3000-4000 level courses
- Leader Development and Assessment Course (Ft. Lewis, WA – Summer)

Prior Service:

- Basic Training
- MSL 3000-4000 level courses
- Leader Development and Assessment Course (Ft. Lewis, WA – Summer)

3440 Music

Programs Offered:

- **Bachelor of Music**
  - **Concentration in Composition**
  - **Concentration in Jazz Studies**
    - **Emphasis in Piano**
    - **Emphasis in Instrumental**
  - **Concentration in Music Education**
    - **Emphasis in Choral/General**
    - **Emphasis in Instrumental**
  - **Concentration in Music Technology (Recording)**
  - **Concentration in Performance**
    - **Emphasis in Piano**
    - **Emphasis in Orchestral Instrument or Guitar**
    - **Emphasis in Organ**
    - **Emphasis in Voice**
- **Bachelor of Science in Music Management**
- **Dual B.Mu./M.Mu. Program**

School of Music
Haas-Howell Building, Room 520
404/413-5900
Email: music@gsu.edu
music.gsu.edu

Patrick Freer, Interim Director
Robert J. Ambrose, Associate Director and Undergraduate Director

The mission of the School of Music is to provide a comprehensive, rigorous, and innovative academic program that is consistent with the urban context and mission of Georgia State University and that serves the pursuit of artistic, professional, and scholarly excellence through experiences of lasting value for all stakeholders.

The School of Music meets this mission by providing all university students with courses designed to help them understand and enjoy music, and by offering Bachelor of Music and Bachelor of Science degrees that prepare students for careers in music or further study at the graduate level. The undergraduate degrees in music include specializations in performance, music education, music composition, jazz studies, music technology (recording), and music management. In addition to courses and degree programs, the School of Music offers concerts, recitals, lectures, and workshops that are open to all students and the community.

The School of Music is an accredited institutional member of the National Association of Schools of Music. It participates in the Honors program and offers Honors courses in music. The School of Music also offers scholarships that are awarded to students based on their musical merit and academic achievement.

The School of Music is located in the historic Fairlie-Poplar District in downtown Atlanta. Four buildings

comprise the Music Complex: the Haas-Howell Building at 75 Poplar Street; the Rialto Center for the Performing Arts at 80 Forsyth Street; the Standard Building at 92 Luckie Street; and the Aderhold Learning Center at 60 Luckie Street, which houses instrumental and choral rehearsal halls. Some classes are held in the Arts and Humanities Building at 10 Peachtree Center Avenue. Chamber music, faculty, and student recitals are presented in the Kopleff Recital Hall in the Art and Humanities Building. Large ensembles perform throughout the academic year in the Rialto Theater, a 850-seat, state-of-the-art performance venue. The administrative offices are on the fifth floor of the Haas-Howell Building.

Visit the major maps for this program at cas.gsu.edu/major/music/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Admission

Applicants to the School of Music must meet the entrance requirements of both the School of Music and those of Georgia State University. Please refer to the Undergraduate Admissions section of this catalog for information concerning admission requirements to the university.

Individuals who wish to apply for admission to the School of Music should complete the School of Music application www.music.gsu.edu/forms/application.aspx. **An audition is required for admission to all programs, including the Bachelor of Science program in music management.**

Admission to the School of Music is based on (1) the level of performance skill demonstrated in the audition, (2) the availability of openings in the various performing areas.

Students who have been absent from the School of Music for twelve consecutive months must re-audition for reentry.

Audition Requirements

The audition requirements are determined by the applicant's instrument and are not tied to the program of study. These requirements can be found on the School of Music website at www.music.gsu.edu/undergradauditionrequirements.aspx

Program Financial Information

All applicants to the School of Music are automatically considered for talent-based scholarships. Program fees include locker, laboratory, and recital expenses associated with certain programs, classes, and degree requirements. Every student registering for an Applied Music course will be charged an Applied Music fee. For each 1000 or 6000-level Applied Music course, a $75.00 fee will be charged. For all other Applied Music courses, a $150.00 fee will be charged.

Program Academic Regulations

Undergraduate music degrees (B.Mu. and B.S.) require students to take general education courses in the sciences and humanities, courses in musical foundations, and courses in a concentration of their choice. Foundation courses include music performance, piano, music theory, and music history/literature. In addition to foundation courses, students must complete courses in a concentration. Available

concentrations for the B.Mu. degree are: performance, composition, music technology (recording), music education, and jazz studies. The music management curriculum leads to a B.S. degree. Some concentrations have specializations that are detailed below.

Advisement

After successful audition, entering students should meet with the Admissions and Enrollment Coordinator of the School of Music to receive initial advisement. The student will then be assigned to a faculty advisor. Students should meet with their faculty advisor every semester. Students seeking to change their concentration should see the Admissions and Enrollment Coordinator of the School of Music.

Explanation of Applied Music Levels

Applied music consists of individual or small-group performance instruction in a student's principal performing medium. All music majors must study applied music as part of their degree programs.

- 1000 level: Introductory. May be used by students who are admitted to the School of Music but who wish to study in a secondary area. With permission, introductory level courses may also be used by music minors or approved non-majors. 1000 level applied music classes are not applicable to degree requirements in a student's principal performing medium. Authorization is required. One credit hour per semester; one half-hour lesson each week:
- 1001/1002 level: Freshman level. One credit hour per semester; one hour lesson per week.
- 2001/2002 level: Sophomore level. One or two credit hours per semester; one hour lesson per week.
- 3001/3002 level: Junior level. One to three credit hours per semester; one hour lesson per week.
- 4001/4002 level: Senior level. One to three credit hours per semester; one hour lesson per week.

Musical Ensembles

Musical ensembles (choral groups, jazz ensembles, orchestra, and wind ensembles) are open to all Georgia State University students by audition. Non-music majors should contact the School of Music or the appropriate ensemble director for information on scheduling a pool audition.

Every student who is registered for applied music is required to enroll concurrently in a conducted ensemble. A music student may be required to perform in more than one ensemble. Factors considered in making assignments will include the specific needs and abilities of the student and the requirements of the various ensembles.

All music majors (with the exception of music education) are required to complete a minimum of eight credit hours of ensemble. Only one credit hour of ensemble per semester may be applied to the total. Assignments to specific ensembles are made each fall semester through "pool" auditions. Students are required to perform in those ensembles to which they are assigned. Students in the jazz studies concentration may count four credit hours of jazz band toward the eight required credit hours of large ensemble.

The Applied Cluster

Music students who register for applied music must also register for both chamber music/performance

laboratory and a large ensemble. These activities are collectively known as the Applied Cluster. Students may be required to participate in studio classes, labs, and/or master classes as required by applied instructors.

Concert Attendance (Mus 1101 through Mus 1106)

Music majors must successfully complete six semesters of concert attendance (MUS 1101 through MUS 1106). MUS 1101 through MUS 1106 is a zero credit hour course. Credit may be granted to transfer students for documented concert attendance requirements at prior institutions.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements and the University Degree Requirements.

Admission to a Concentration

Music students must pass a qualifying examination for entrance to their concentration during their fourth semester of applied study. Information about qualifying examinations is available from the School of Music office.

Music education faculty evaluate each music education student prior to student teaching in order to determine their qualifications.

These qualifications are (1) an overall GPA of 2.5 or above, (2) a GPA of at least 2.5 in all music courses, (3) grades of C or higher in all of the courses in the concentration, and (4) grades of B or higher in all music education methods courses. Music education students must also demonstrate teaching competence as determined by the music education faculty and must demonstrate a record of professional attributes and personal behaviors suitable for placement in a school with children.

Application for Entry to Teacher Education

Music education majors must file a formal application for entry into teacher education using the form available on the College of Education and Human Development's website or supplied by the music education faculty. Students must apply for entry into teacher education concurrent with their applications for practicum/internship (MUS 4260 or 4310). This normally occurs upon completion of 60 hours of course work, including courses required in Areas A through D and EDUC 2110. Students must have passed the GACE I (a test of basic reading, writing, and mathematics skills) and Regents' exams.

To apply, Students must have:

- earned a 2.5 overall cumulative GPA,
- earned a 2.5 GPA in all music courses,
- earned grades of C or higher in all of the courses in the concentration,
- earned grades of B or higher in all music education methods courses,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program

provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA: edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the BIS program while continuing to complete teacher certification requirements for edTPA.

Double-Numbered Courses

Students may only receive credit for one level of a double-numbered course, with the exception of courses for which they are required to register in more than one semester.

B.Mu. in Music

Areas A-E: Core Curriculum Recommendations

1. Area C: It is recommended that Bachelor of Music students complete three hours of Fine Arts with a lower-division music appreciation courses.

Area F: Courses Related to the Major (18)

1. Required Courses (12)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
2. Applied Lessons (four semesters) (6)
   Select one of the following combinations:

    - Applied Music 1001 (1), Applied Music 1002 (1), Applied Music 2001 (1), Applied Music 2002 (1) and Group Instruction in Piano (1) (two semesters) ***or***
    - Applied Music 1001 (1), Applied Music 1002 (1), Applied Music 2001 (2) and Applied Music 2002 (2)

The concentration descriptions below include the 18 hours used in Area F as indicated above.

Ensembles

Please note that students are assigned to appropriate ensembles by pool audition at the beginning of every Fall and Spring semester. Appropriate large ensembles include the following:

- MUS 1060/MUS 3060 Wind Ensemble (1)
- MUS 1061/MUS 3061 Wind Orchestra (1)
- MUS 1070/MUS 3070 Orchestra (1)
- MUS 1081/MUS 3081 Choral Union (1)
- MUS 1080A/MUS 3080A University Singers (1)
- MUS 1083/MUS 3083 Master Singers (1)

Required Courses to fulfill Critical Thinking Through Writing (CTW) requirement

For all concentrations except Music Education concentration (6):

- MUS 4810 Music History from the Classical Period to the Present-CTW (3)
- MUS 4820 World Music-CTW (3)

For Music Education concentrations (9):

- Choose two:
    - MUS 4810 Music History from the Classical Period to the Present-CTW (3)
    - MUS 4820 World Music-CTW (3)
- MUS 3310 Introduction to Music Education-CTW (listed in the concentration)

Composition Concentration

1. Performance Requirements (23)
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)
    - APxx 2001 Applied Music — Sophomore 1 (1)
    - APxx 2002 Applied Music — Sophomore 2 (1)
    - APxx 3001 Applied Music — Junior 1 (2)
    - APxx 3002 Applied Music — Junior 2 (2)
    - MUS 4010 Performance Laboratory (0) (6 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - Mus 30xx Appropriate large ensemble (1) (4 semesters)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 3010 Basic Improvisation (1)
2. Theory/Composition Requirements (44)
    - APCP 3001 Applied Composition — Junior 1 (1)
    - APCP 3002 Applied Composition — Junior 2 (1)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4000 Recital II/Composition (0)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4210 Composition Seminar (2) (4 semesters)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4460 Analysis of Post-Tonal Music (3)
    - MUS 4500 Historical Counterpoint (3)
    - MUS 4730 Computer Applications in Music (2)
    - MUS 4760 Advanced Keyboard Harmony (1)
    - MUS 4770 Advanced Aural Skills I (1)
3. Music History/Literature Requirements (3)

    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
4. If necessary, select additional courses to complete a minimum of 120 hours from the following:
    - MUS 4981 Computer Music (3)
    - MUS 4982 Advanced Topics in Computer Music (3

Jazz Studies Concentration, Emphasis in Piano

1. Performance Requirements (34)
    - APPF 1001 Applied Classical Piano — Freshman 1 (1)
    - APPF 1002 Applied Classical Piano — Freshman 2 (1)
    - APPF 2001 Applied Classical Piano — Sophomore 1 (2)
    - APPF 2002 Applied Classical Piano — Sophomore 2 (2)
    - APJP 3001 Applied Jazz Piano — Junior 1 (2)
    - APJP 3002 Applied Jazz Piano — Junior 2 (2)
    - APJP 4001 Applied Jazz Piano — Senior 1 (2)
    - APJP 4002 Applied Jazz Piano — Senior 2 (2)
    - MUS 4010 Performance Laboratory or Jazz Combo (0) (2 semesters)
    - MUS 3160 Jazz Combos (.5) (6 semesters)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - MUS 3090 Jazz Band (1) (4 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - MUS 2780 Beginning Jazz Improvisation I (1)
    - MUS 2790 Beginning Jazz Improvisation II (1)
    - MUS 4790 Advanced Jazz Improvisation I (1)
    - MUS 4791 Advanced Jazz Improvisation II (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 4360 Advanced Keyboard Skills (2)
2. Theory/Composition Requirements (28)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4170 Arranging for the Large Jazz Ensemble (1)
    - MUS 4450 Advanced Tonal Analysis (3)

    - MUS 4730 Computer Applications in Music (2)
    - MUS 4792 Jazz Theory (2)
3. Music History/Literature Requirements (6)
    - MUA 3500 Jazz: Its Origins, Styles, and Influence (3)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
4. Additional Course Requirements (3)
    - MUS 2010 The Music Business for Jazz Musicians (1)
    - MUS 4220 Jazz Ensemble Techniques (2)
5. If necessary, select additional courses to complete a minimum of 120 hours from the following:
    - MUS 4770 Advanced Aural Skills I (1)
    - MUS 4850 Jazz Styles (2)

Jazz Studies Concentration, Emphasis in Instrumental

1. Performance Requirements (38)
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)
    - APxx 2001 Applied Music — Sophomore 1 (2)
    - APxx 2002 Applied Music — Sophomore 2 (2)
    - APxx 3001 Applied Music — Junior 1 (2)
    - APxx 3002 Applied Music — Junior 2 (2)
    - APxx 4001 Applied Music — Senior 1 (3)
    - APxx 4002 Applied Music — Senior 2 (3)
    - MUS 4010 Performance Laboratory or chamber music (0) (2 semesters)
    - MUS 3160 Jazz Combos (.5) (6 semesters)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - MUS 3090 Jazz Band (1) (4 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2780 Beginning Jazz Improvisation I (1)
    - MUS 2790 Beginning Jazz Improvisation II (1)
    - MUS 4790 Advanced Jazz Improvisation I (1)
    - MUS 4791 Advanced Jazz Improvisation II (1)
    - MUS 2490 Basic Conducting (2)
      Select one:

        - APxx 1000 Applied Music (1)

        - MUS 4750 Jazz Piano Class (1)
2. Theory/Composition Requirements (28)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4100 Jazz Combo Arranging (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4170 Arranging for the Large Jazz Ensemble (1)
    - MUS 4450 Advanced Tonal Analysis (3)
    - MUS 4730 Computer Applications in Music (2)
    - MUS 4792 Jazz Theory (2)
3. Music History/Literature Requirements (6)
    - MUA 3500 Jazz: Its Origins, Styles, and Influence (3)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
4. Additional Course Requirements (3)
    - MUS 2010 The Music Business for Jazz Musicians (1)
    - MUS 4220 Jazz Ensemble Techniques (2)
5. If necessary, select additional courses to complete a minimum of 120 hours from the following:
    - MUS 4770 Advanced Aural Skills I (1)
    - MUS 4850 Jazz Styles (2)

Music Education Concentration, Emphasis in Choral/General

1. Performance Requirements (22)*
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)
    - APxx 2001 Applied Music — Sophomore 1 (1)
    - APxx 2002 Applied Music — Sophomore 2 (1)
    - APxx 3001 Applied Music — Junior 1 (1)
    - APxx 3002 Applied Music — Junior 2 (1)
    - APxx 4001 Applied Music — Senior 1 (1)
    - MUS 3071 Collaborative Piano (1) (may substitute for 1 semester of large ensemble)
    - MUS 4010 Performance Laboratory (0) (7 semesters)
    - MUS 3000 Recital I (0) (optional)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - Mus 30xx Appropriate large ensemble (1) (3 semesters)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)

    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 4480 Choral Conducting (2)
    - Select one:
        - MUS 1730 or MUS 1740 Group Instruction in Voice I or II (2)
        - MUS 4440 Vocal Pedagogy (2)
    - APxx 1000 Applied Music (1) (2 semesters)
2. Theory/Composition Requirements (21)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4730 Computer Applications in Music (2)
3. Music Education Requirements (24). Students must earn a grade of B or higher in these courses.
    - MUS 3310 Introduction to Music Education-CTW (3)
    - MUS 3320 General Music in Early Childhood (3)
    - MUS 3330 General Music in Middle and Secondary Schools (3)
    - MUS 3340 Choral Music in the Schools (3)
    - MUS 4260 Practicum in Music Education (3)
    - MUS 4270 (TE) Student Teaching in Music (6)
    - MUS 4290 (TE) Senior Seminar in Music Education (3)
    - MUS 4650 (TE) Opening School Experience (0)
4. Professional Education Requirements (12)
    - EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
    - EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
    - EDUC 2130 Exploring Learning & Teaching (3)
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

Music Education Concentration, Emphasis in Instrumental

1. Performance Requirements (20)
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)
    - APxx 2001 Applied Music — Sophomore 1 (1)
    - APxx 2002 Applied Music — Sophomore 2 (1)
    - APxx 3001 Applied Music — Junior 1 (1)
    - APxx 3000 Applied Music — Junior 2 (1)
    - APxx 4000 Applied Music — Senior 1 (1)
    - MUS 4010 Performance Laboratory (0) (7 semesters)
    - MUS 3000 Recital I (0) (optional)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)

    - Mus 30xx Appropriate large ensemble (1) (3 semesters)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 4490 Instrumental Conducting (2)
2. Instrumental Techniques Requirements (4)
    - MUS 3230 Brass Techniques (1)
    - MUS 3240 String Techniques (1)
    - MUS 3250 Woodwind Techniques (1)
    - MUS 3260 Percussion Techniques (1)
3. Theory/Composition Requirements (21)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4730 Computer Applications in Music (2)
4. Music Education Requirements (22). Students must earn a grade of B or higher in these courses.
    - MUS 3310 Introduction to Music Education-CTW (3)
    - MUS 3358 Teaching Beginning Strings (2)
    - MUS 3359 Teaching Beginning Winds and Percussion (2)
    - MUS 3360 Teaching Intermediate and Advanced Instrumental Music (3)
    - MUS 4260 Practicum in Music Education (3)
    - MUS 4270 (TE) Student Teaching in Music (6)
    - MUS 4290 (TE) Senior Seminar in Music Education (3)
    - MUS 4650 (TE) Opening School Experience (0)
5. Professional Education Requirements (12)
    - EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
    - EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
    - EDUC 2130 Exploring Learning & Teaching (3)
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

Music Technology Concentration (Sound Recording)

1. Performance Requirements (21)
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)

    - APxx 2001 Applied Music — Sophomore 1 (1)
    - APxx 2002 Applied Music — Sophomore 2 (1)
    - APxx 3001 Applied Music — Junior 1 (1)
    - APxx 3002 Applied Music — Junior 2 (1)
    - MUS 4010 Performance Laboratory (0) (6 semesters)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - Mus 30xx Appropriate large ensemble (1) (4 semesters)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 3010 Basic Improvisation (1)
2. Theory/Composition Requirements (16)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
3. Music History/Literature Requirements (3)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
4. Music Technology/Recording (33)
    - PHYS 2030K Physical Science: Physics of Music and Speech (3)
    - MTM 3010 Introduction to Music Industry (3)
    - MTM 3040 Practicum (2) (optional)
    - MTM 3080 Internship (6)
    - MTM 3110 Introduction to Audio Recording (4)
    - MTM 3120 Digital Audio Technology and Recording Techniques (4)
    - MTM 3130 Advanced Topics in Recording and Audio Production (4)
    - MTM 3230 Audio Post-Production (4)
    - MTM 4900 Music Technology Final Project (3)
5. If necessary, select additional courses to complete a minimum of 120 hours from the following:
    - MUS 4981 Computer Music (3)
    - MUS 4982 Advanced Topics in Computer Music (3)

Performance Concentration, Emphasis in Piano

1. Performance Requirements (34)

- APPF 1001 Applied Classical Piano — Freshman 1 (1)
- APPF 1002 Applied Classical Piano — Freshman 2 (1)
- APPF 2001 Applied Classical Piano — Sophomore 1 (2)
- APPF 2002 Applied Classical Piano — Sophomore 2 (2)
- APPF 3001 Applied Classical Piano — Junior 1 (3)
- APPF 3002 Applied Classical Piano — Junior 2 (3)
- APPF 4001 Applied Classical Piano — Senior 1 (3)
- APPF 4002 Applied Classical Piano — Senior 2 (3)
- MUS 4010 Performance Laboratory (0) (8 semesters)
- MUS 3000 Recital I (0)
- MUS 4000 Recital II (0)
- Mus 10xx Appropriate large ensemble (1) (4 semesters)
- Mus 30xx Appropriate large ensemble (1) (4 semesters)
- MUS 1101 Concert Attendance One (0)
- MUS 1102 Concert Attendance Two (0)
- MUS 1103 Concert Attendance Three (0)
- MUS 1104 Concert Attendance Four (0)
- MUS 1105 Concert Attendance Five (0)
- MUS 1106 Concert Attendance Six (0)
- MUS 2490 Basic Conducting (2)
- MUS 3010 Basic Improvisation (1)
- MUS 4360 Advanced Keyboard Skills (2)
- MUS 4530 Accompanying (1)
- Select one:
  - MUS 4480 Choral Conducting (2)
  - MUS 4490 Instrumental Conducting (2)

2. Theory/Composition Requirements (25)
   - MUS 1440 Theory I (3)
   - MUS 1450 Theory II (3)
   - MUS 2440 Theory III (3)
   - MUS 2450 Theory IV (3)
   - MUS 1540 Aural Skills I (1)
   - MUS 1550 Aural Skills II (1)
   - MUS 2540 Aural Skills III (1)
   - MUS 2550 Aural Skills IV (1)
   - MUS 4110 Instrumentation and Orchestration (3)
   - MUS 4450 Advanced Tonal Analysis (3)
   - MUS 4730 Computer Applications in Music (2)
   - Select one:
     - MUS 4140 Arranging for Chorus (1)
     - MUS 4770 Advanced Aural Skills (1)
3. Music History/Literature Requirements (6)
   - MUS 4610 Piano Literature (3)
   - MUS 4800 Music History from Antiquity through the Baroque Period (3)
4. MUS 4410 Piano Pedagogy I (3)

Performance Concentration, Emphasis in Orchestral Instruments or Guitar

1. Performance Requirements (35)
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)
    - APxx 2001 Applied Music — Sophomore 1 (2)
    - APxx 2002 Applied Music — Sophomore 2 (2)
    - APxx 3001 Applied Music — Junior 1 (3)
    - APxx 3002 Applied Music — Junior 2 (3)
    - APxx 4001 Applied Music — Senior 1 (3)
    - APxx 4002 Applied Music — Senior 2 (3)
    - MUS 4010 Performance Laboratory or chamber music (0-.5) (8 semesters)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - Mus 30xx Appropriate large ensemble (1) (4 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 3010 Basic Improvisation (1)
    - MUS 2490 Basic Conducting (2)
    - Select one:
        - MUS 4480 Choral Conducting (2)
        - MUS 4490 Instrumental Conducting (2)
2. Instrumental Techniques (1)
   Select one of the following:

    - MUS 3230 Brass Techniques (1)
    - MUS 3240 String Techniques (1)
    - MUS 3250 Woodwind Techniques (1)
    - MUS 3260 Percussion Techniques (1)
3. Theory/Composition Requirements (25)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4450 Advanced Tonal Analysis (3)

    - MUS 4730 Computer Applications in Music (2)
    - MUS 4770 Advanced Aural Skills (1)
4. Music History/Literature Requirements (6)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
    - Select one:
        - MUS 4910 Chamber Literature (3)
        - MUS 4940 Orchestral Literature (3)

Performance Concentration, Emphasis in Voice

1. Performance Requirements (40)
    - APVC 1001 Applied Voice — Freshman 1 (1)
    - APVC 1002 Applied Voice — Freshman 2 (1)
    - APVC 2001 Applied Voice — Sophomore 1 (2)
    - APVC 2002 Applied Voice — Sophomore 2 (2)
    - APVC 3001 Applied Voice — Junior 1 (3)
    - APVC 3002 Applied Voice — Junior 2 (3)
    - APVC 4001 Applied Voice — Senior 1 (3)
    - APVC 4002 Applied Voice — Senior 2 (3)
    - MUS 4010 Performance Laboratory (0) (8 semesters)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - Mus 30xx Appropriate large ensemble (1) (4 semesters)
    - MUS 3000 Recital I (0)
    - MUS 4000 Recital II (0)
    - MUS 1101 Concert Attendance One (0)
    - MUS 1102 Concert Attendance Two (0)
    - MUS 1103 Concert Attendance Three (0)
    - MUS 1104 Concert Attendance Four (0)
    - MUS 1105 Concert Attendance Five (0)
    - MUS 1106 Concert Attendance Six (0)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 2710 Group Instruction in Piano III (1)
    - MUS 2720 Group Instruction in Piano IV (1)
    - MUS 4011 Singing in Italian and Latin (1)
    - MUS 4021 Singing in German (1)
    - MUS 4031 Singing in French (1)
    - MUS 4041 Singing in English (1)
    - MUS 2490 Basic Conducting (2)
    - MUS 3010 Basic Improvisation (1)
    - MUS 3100 Opera Workshop (1-3)
2. Theory/Composition Requirements (21)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)

    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4110 Instrumentation and Orchestration (3)
    - MUS 4730 Computer Applications in Music (2)
3. Music History/Literature Requirements (6)
    - MUS 4620 Vocal Literature (3)
    - MUS 4800 Music History from Antiquity through the Baroque Period (3)
4. Foreign Language: Select two courses. (6)
    - FREN 1002 Elementary French II (3)
    - GRMN 1002 Elementary German II (3)
    - ITAL 1002 Elementary Italian II (3)
5. MUS 4440 Vocal Pedagogy (2)

B.S. In Music, Concentration in Music Management

Area F: Courses Related to the Major (18)

- APxx 1001 Applied Music — Freshman 1 (1)
- APxx 1002 Applied Music — Freshman 2 (1)
- APxx 2001 Applied Music — Sophomore 1 (1)
- APxx 2002 Applied Music — Sophomore 2 (1)
- MUS 1440 Theory I (3)
- MUS 1450 Theory II (3)
- MUS 1540 Aural Skills I (1)
- ACCT 2101 Principles of Accounting I (3)
- Mus 10xx Appropriate large ensemble (1) (4 semesters)

Ensembles

Please note that students are assigned to appropriate ensembles by pool audition placement at the beginning of every Fall and Spring semester. Appropriate large ensembles include the following:

- MUS 1060/MUS 3060 Wind Ensemble (1)
- MUS 1061/MUS 3061 Wind Orchestra (1)
- MUS 1070/MUS 3070 Orchestra (1)
- MUS 1081/MUS 3081 Choral Union (1)
- MUS 1080A/MUS 3080A University Singers (1)
- MUS 1083/MUS 3083 Master Singers (1)

Required Courses to fulfill CTW requirement (6)

- MUS 4810 Music History from the Classical Period to the Present-CTW (3)
- MUS 4820 World Music-CTW (3)

Area G: Major Courses (78)

This concentration description includes the 18 hours used in Area F as indicated above.

1. Performance Requirements (15)
    - APxx 1001 Applied Music — Freshman 1 (1)
    - APxx 1002 Applied Music — Freshman 2 (1)
    - APxx 2001 Applied Music — Sophomore 1 (1)
    - APxx 2002 Applied Music — Sophomore 2 (1)
    - MUS 4010 Performance Laboratory (0) (4 semesters)
    - Mus 10xx Appropriate large ensemble (1) (4 semesters)
    - Mus 30xx Appropriate large ensemble (1) (4 semesters)
    - MUS 1710 Group Instruction in Piano I (1)
    - MUS 1720 Group Instruction in Piano II (1)
    - MUS 3010 Basic Improvisation (1)
2. Theory/Composition Requirements (18)
    - MUS 1440 Theory I (3)
    - MUS 1450 Theory II (3)
    - MUS 2440 Theory III (3)
    - MUS 2450 Theory IV (3)
    - MUS 1540 Aural Skills I (1)
    - MUS 1550 Aural Skills II (1)
    - MUS 2540 Aural Skills III (1)
    - MUS 2550 Aural Skills IV (1)
    - MUS 4730 Computer Applications in Music (2)
3. Music History/Literature Requirements (3)
    - Select one:
        - MUA 3810 History of African-American Music (3)
        - MUA 3970 Rhythm 'N' Blues, Rock, and Rap (3)
4. Music Management (24)
    - Required courses (16)
        - MTM 3010 Introduction to the Music Industry (3)
        - MTM 3030 Marketing and Branch Sales in the Music Industry (3)
        - MTM 3050 Legal Aspects of the Music Industry (3)
        - MTM 3080 Internship (6)
        - MTM 4910 Music Management Senior Project (1)
    - Select eight credit hours:
        - MTM 3020 Promotion of Recorded Music (3)
        - MTM 3040 Practicum (2)
        - MTM 3300 Copyright and Music Publishing (3)
        - MTM 3440 Entrepreneurship in the Music Industry (2)
        - MTM 3450 Artist Representation (2)
5. Business Requirements (12)
    - Required courses:
        - ACCT 2101 Principles of Accounting I (3)
        - ECON 3050 Economics of Art, Entertainment, and Culture (3)
    - Select two:
        - CIS 2010 Introduction to Computer-Based Information Systems (3)
        - ECON 2106 Principles of Microeconomics (3)

- ECON 3020 Race, Sex, and the Economy (3)
- FI 3010 Consumer Finance (3)
- MGS 3400 Managing People in Organizations (3)
- MK 3010 Basic Marketing (3)
- MK 4100 Buyer Behavior (3)
- MK 4300 Advertising (3)
- MK 4330 Principles of Selling (3)
- MK 4400 Distribution Management (3)
- MK 4620 Product Development (3)

* With permission, music management students may substitute two credits of Applied Music 1001/2001 with Mus 2710 and 2720, Mus 1730 and 1740, or Mus 1750 and 1760.

Minor in Music

The School of Music offers a minor in music with either an emphasis in general music studies or in music management. A background in music is helpful but not necessary. The minor requires 18 semester hours of course work in music, 9 of which must be at the 3000-4000 level. Required courses include music theory, music history, performance, and electives. Certain prerequisites may not count toward the requirements for the minor. Interested students should contact the School of Music at 404/413-5900 for further information. An advising appointment is required before students may accumulate credits toward the minor.

Dual B.Mu./M.Mu. Program

The school offers a dual Bachelor of Music and Master of Music program. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the school and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3445 Neuroscience

Programs Offered:

- **Bachelor of Science in Neuroscience**
    - **Pre-Medical Concentration**
- **Minor in Neuroscience**
- **Dual B.S./M.S. Program in Neuroscience**

Neuroscience Institute
Georgia State University
880 Petit Science Center
Atlanta, Georgia 30302-5030
404/413-5387
neuroscience.gsu.edu

Geert de Vries, Director
Aras Petrulis, Director of Undergraduate Studies
Yvette Hilaire, Undergraduate Administrator
Laura Carruth, Undergraduate Committee
Kyle Frantz, Undergraduate Committee
Anne Murphy, Undergraduate Committee
Eddy Nahmias, Undergraduate Committee

Neuroscience asks how the brain and body produce our sensations, our thoughts, our behavior and the behavior of other animals. Neuroscientists address fundamental and health-related questions that affect every aspect of our lives and society. To answer them, neuroscience bridges the biological, chemical, physical, behavioral and computational sciences, as well as philosophy, engineering, and medicine. Neuroscience is among the fastest growing fields of science and medicine. Neuroscience is interdisciplinary, as shown by the Neuroscience Institute's faculty and the neuroscience course offerings. Faculty are drawn from twelve departments, including Biology, Chemistry, Computer Science, Communication, Education, Law, Mathematics and Statistics, Neuroscience Institute, Nursing, Philosophy, Physics and Astronomy, and Psychology (see http://neuroscience.gsu.edu/contact-us-2/ni-faculty/ for a full list). They teach courses in cell and molecular neuroscience, computational neuroscience, neuroethology (animal behavior), drugs and the nervous system, cognitive neuroscience, neuroethics, and medical neuroanatomy, among many others. For advisement questions, students should contact the Undergraduate Coordinator Yvette Hilaire (404/413-3566) who will help connect them with an appropriate faculty adviser.

Visit the major maps for this program at cas.gsu.edu/major/neuroscience/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Neuroscience

Areas A-E: Core Curriculum Recommendations

1. Recommended course in Area A:
    - MATH 1113 Precalculus (3) (or a higher-level mathematics course)
2. Recommended course in Area B:
    - PHIL 1010 Critical Thinking (2)
3. Recommended course in Area D:
    - Either: PHYS 1111K Introductory Physics 1 (4) and PHYS 1112K Introductory Physics II (4)
    - or: PHYS 2211K Principles of Physics I (4) and PHYS 2212K Principles of Physics II (4)
4. Area D Math requirement:
    - Any one math course not taken in Area A from the following choices: Math 2201 (4), 2202 (4), or any comparable higher-level math.

Area F: Courses Appropriate for the Major (18)

1. Required Courses (16 hours):
    - BIOL 2107K Principles of Biology I (4)
    - BIOL 2108K Principles of Biology II (4)
    - CHEM 1211 Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)

    ** Students who decide to major in Neuroscience after completing BIOL 1103K may use BIOL 1103K for credit toward Area F if they complete BIOL 2108K and BIOL 2800 before enrolling in major courses (Area G)

    *** Students who decide to major in neuroscience after completing BIOL 1103K and BIOL 1104K may use these courses for credit toward Area F if they complete BIOL 2800 before enrolling in major courses (Area G).
2. Recommended Course to complete Area F (2 hours)
    - ANTH 2010 Introduction to Biological Anthropology (3)
    - BIOL 2240 Human Physiology (3)
    - BIOL 2800 Introduction to Molecular Biology (2)
    - CHEM 2010 Introduction to Quantitative Analysis (2)
    - CHEM 2400 Organic Chemistry I (4)
    - NEUR 2000 Introduction to Neuroscience (2)
    - PHIL 2010 Introduction to Philosophy (3)
    - PSYC 1100 Natural Aspects of Psychology (2)
    - PSYC 2050 Introduction to Drugs and Behavior (3)
    - PSYC 2080 Sex, Evolution, and Human Behavior (3)

Area G: Major Courses (36 hours) (A grade of C or better is required in all area G courses)

1. Neuroscience Core Requirements (16 hours)
    - NEUR 3000 Principles of Neuroscience (4)

    - NEUR 3010 Neuroscience Laboratory (4) (lab)
    - NEUR 3020 The Scientific Method in Neuroscience (4) (CTW)
    - NEUR 4910 Topics in Neuroscience (4) (CTW)
2. Neuroscience Electives (at least 9 hours from the following list of courses, including 6 hours from courses with the NEUR prefix)
    - NEUR 4010 Cellular and Molecular Neuroscience (4)
    - NEUR 4020 Cognitive Neuroscience (4)
    - NEUR 4030 Computational Neuroscience (4)
    - NEUR 4040 Neuroethology (4)
    - NEUR 4050 Statistics for Neuroscience (3)
    - NEUR 4100 Developmental Neurobiology (4) (Cross-listed with BIOL 4094)
    - NEUR 4115 Medical Neuroanatomy (4) (Cross-listed with BIOL 4115)
    - PSYC 4130 Sensation and Perception (3) (Cross-listed with BIOL 4130
    - NEUR 4150 Drugs and the Nervous System (Cross-listed with PSYC 4050)
    - NEUR 4420 Hormones and Behavior (4) (Cross-listed with BIOL 4241 and PSYC 4630)
    - NEUR 4700 Neural Plasticity (4)
3. Neuroscience-related Electives (at least 12 hours from courses on the list below, or from the list of Neuroscience Electives above, if the course is not being used to fulfill the Neuroscience Electives requirement). Other neuroscience-related electives not on this list may fulfill this elective requirement with permission of the Director of Undergraduate Studies.
    - ANTH 4300 Human Evolution (3)
    - BIOL 3440 Fundamentals of Evolution (3)
    - BIOL 3800 Molecular Cell Biology (3)
    - BIOL 3810 Molecular Cell Biology Lab (3)
    - BIOL 3840 Animal Biology (3)
    - BIOL 3850 Animal Biology Lab (1)
    - BIOL 3900 Genetics
    - BIOL 3910 Genetics Lab (1)
    - BIOL 4014K Invertebrate Biology (4)
    - BIOL 4015K Vertebrate Biology (4)
    - BIOL 4045K General Ecology (4)
    - BIOL 4074 Developmental Biology (4)
    - BIOL 4240 Endocrinology (4)
    - BIOL 4242 Circadian Rhythms (4)
    - BIOL 4246 Advanced Human Physiology (4)
    - BIOL 4248 Cell Physiology (4)
    - BIOL 4630 Enzymology (3)
    - BIOL 4640 Fundamentals of Bioinformatics
    - BIOL 4744 Biostatistics (3)
    - BIOL 4800 Principles of Cell Biology (4)
    - MATH 3260 Differential Equations (3)
    - MATH 3435 Introductory Linear Algebra (3)
    - MATH 4275 Applied Dynamical Systems (3)
    - NEUR 3690 Honors Readings (1-3)
    - NEUR 4200 Neuroscience of Memory (3)
    - NEUR 4330 Functional Neuroimaging (3) (Cross-listed with PHYS 4710)
    - NEUR 4340 Neurophysics (3)

- NEUR 4350 Numerical Methods for Neuroscience (3)
- NEUR 4360 Mathematical Biology (3) (Cross-listed with BIOL 4010 and MATH 4010)
- NEUR 4370 Applied Dynamical Systems (3)
- NEUR 4576 Neurovirology (4)
- NEUR 4610 Neurorobotics (4)
- NEUR 4770 Moral Psychology (3)
- NEUR 4780 Neuroethics (3)
- NEUR 4870 Neuroscience Honors Thesis: Research (3 t6)
- NEUR 4880 Neuroscience Honors Thesis: Writing (3)
- NEUR 4960 Careers in Neuroscience (2)
- NEUR 4980 Undergraduate Research in Neuroscience (up to 3 hours may be applied to requirement)
- PHIL 4130 Philosophy of Science (3)
- PHIL 4330 Philosophy of Mind (3)
- PHIL 4340 Philosophy and Cognitive Science (3)
- PHIL 4770 Moral Psychology (3)
- PHIL 4780 Neuroethics (3)
- PHYS 3500 Electronics (3)
- PSYC 3140 Abnormal Psychology (3)
- PSYC 4100 Cognitive Psychology (3)
- PSYC 4116 Primate Behavior (3)
- PSYC 4120 Learning (3)
- PSYC 4140 Introduction to Psychophysiology (4)
- PSYC 4560 Psychology of Animal Behavior (3)
- PSYC 4660 Applied Animal Behavior (3)

Pre-Medicine Concentration

A pre-medicine concentration is available for B.S. in Neuroscience majors. Please contact the Undergraduate Coordinator of the NI for further information.

Pre-med students are also required to take:

- CHEM 2400 Organic Chemistry I (4)
- CHEM 3410 Organic Chemistry II (4)
- CHEM 3100 Organic Chemistry Laboratory I (2)
- CHEM 3110 Organic Chemistry Laboratory II (2)
- CHEM 4600 Biochemistry (5)

Minor in Neuroscience

Students who wish to minor in Neuroscience must take NEUR 3000 Principles in Neuroscience and at least 12 additional hours in Neuroscience courses (any courses with NEUR prefix). A grade of C or higher is required in all courses counting toward the minor.

Area H: Minor and Additional Courses

1. Students majoring in Neuroscience are encouraged, but not required, to take a minor.
2. Students majoring in Neuroscience must take additional courses as electives to complete 120 hours. Students are encouraged to choose electives from the lists above.

Dual B.S./M.S. Program in Neuroscience

The Neuroscience Institute offers a dual Bachelor of Science and Master of Science in Neuroscience. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the institute and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the Director of Undergraduate Studies for the specific criteria for this honor.

3450 Philosophy

Programs Offered:

- **Bachelor of Arts in Philosophy**
  - **Concentration in Pre-Law**
- **Minor in Philosophy**
- **Minor in Ethics**

Department of Philosophy
16th floor, 25 Park Place Bldg.
404/413-6100
philosophy.gsu.edu

George Rainbolt, Chair
Eddy Nahmias, Director of Undergraduate Studies

Philosophy is the study of what exists, how we know, and how to live. Students of philosophy consider questions about the scientific method, human nature, justice, God, art, and the meaning of life. Philosophy majors develop the intellectual abilities to think critically and to write effectively. They learn to apply these valuable skills in other disciplines, in their career, and in their life. Because philosophy deals with fundamental questions and explores methods for answering them, it is highly interdisciplinary, connecting to every other discipline in the university curriculum. Hence, philosophy is an ideal double major or minor. Philosophy prepares students for careers and graduate programs that value the abilities to solve problems, to communicate clearly, to learn new skills, and to use new knowledge. It is an excellent major for a wide range of careers, including law, government, the sciences, medicine, public service, education, religion, writing, media, and all areas of business.

The Department of Philosophy offers a B.A. in Philosophy and B.A. in Philosophy with a Pre-Law Concentration, as well as minors in Philosophy and in Ethics. The Department maintains an extensive website, philosophy.gsu.edu.

Visit the major maps for this program at cas.gsu.edu/major/philosophy/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Academic Regulations

A 2000 or 3000-level philosophy course is a prerequisite for all 4000-level philosophy courses. Majors are strongly urged to take Phil 2010 and, Phil 3000 before taking 4000-level courses.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Philosophy

Area F: Courses Appropriate to the Major (18)

1. Required Courses (8-9)
    - PHIL 2010 Introduction to Philosophy (3)
    - PHIL 1010 Critical Thinking (2) or
    - PHIL 2500 Introduction to Symbolic Logic (3) (PHIL 2500 required for Graduation with Distinction.) or
    - Lang 1002 Elementary Foreign Language II (3)
2. Select additional 1000/2000-level courses from core curriculum Areas B, C, D, or E to complete the 18 hours required in Area F.

Area G: Major Courses (27)

A grade of C or higher is required in all major courses.

To satisfy the requirements for the B.A. degree with a major in philosophy, students must take a total of 27 semester hours in philosophy courses at the 3000 level or above, including the following distribution requirements:

1. CTW Requirements (6)
    - PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
    - PHIL 4990 Senior Seminar in Philosophy-CTW (3)
2. History of Philosophy Requirements (6)
    - PHIL 3010 Origins of Western Philosophy (3)
    - PHIL 3020 Early Modern Philosophy (3)
3. Value Theory Requirement: Select at least one of the following courses. (3)
    - PHIL 4700 Ethics (3)
    - PHIL 4720 Environmental Ethics (3)
    - PHIL 4740 Advanced Biomedical Ethics (3)
    - PHIL 4750 Topics in Ethics (3)
    - PHIL 4760 Ethics and Contemporary Public Policy (3)
    - PHIL 4770 Moral Psychology (3)
    - PHIL 4780 Neuroethics (3)
    - PHIL 4790 Topics in Neuroethics (3)
    - PHIL 4800 Social and Political Philosophy (3)
    - PHIL 4820 Philosophy of Law (3)
    - PHIL 4830 Philosophy of Art (3)
    - PHIL 4855 Advanced Topics in Political Theory (3)
    - PHIL 4860 Feminist Philosophy (3)
    - PHIL 4890 Topics in Social and Political Philosophy (3)
4. Metaphysics and Epistemology Requirement: Select at least one of the following courses. (3)
    - PHIL 4100 Epistemology (3)
    - PHIL 4130 Philosophy of Science (3)
    - PHIL 4150 Topics in Epistemology (3)
    - PHIL 4300 Metaphysics (3)
    - PHIL 4330 Philosophy of Mind (3)
    - PHIL 4340 Philosophy and Cognitive Science (3)

    - PHIL 4350 Topics in Metaphysics (3)
    - PHIL 4530 Philosophy of Language (3)
5. Three more philosophy courses (9 hours) at the 3000 or 4000-level

B.A. in Philosophy with a Pre-Law Concentration

Area A-F requirements are the same for the B.A. in Philosophy and the B.A. in Philosophy with a Pre-Law Concentration

Area F: Courses Appropriate to the Major (18)

1. Required Courses (9)
    - PHIL 2010 Introduction to Philosophy (3)
    - PHIL 1010 Critical Thinking (2) or
    - PHIL 2500 Introduction to Symbolic Logic (3) (PHIL 2500 required for Graduation with Distinction and can improve performance on LSAT.) or
    - Lang 1002 Elementary Foreign Language II (3)
2. Recommended Courses
    - ECON 2105 Macroeconomics (3)
    - ECON 2106 Microeconomics (3)
    - SOCI 1101 Introductory Sociology (3)
3. Select additional 1000/2000 level courses from core curriculum Areas B, C, D, or E to complete the 18 hours required in Area F.

Area G: Major Courses (27-28)

A grade of C or higher is required in all major courses. To satisfy the requirements for the B.A. degree with a major in philosophy with a pre-law concentration, students must take a total of 27 semester hours at the 3000 level or above, including the following distribution requirements:

1. CTW Requirements (6)
    - PHIL 3000 Introductory Seminar in Philosophy-CTW (3)
    - PHIL 4990 Senior Seminar in Philosophy-CTW (3)
2. History of Philosophy Requirements (6)
    - PHIL 3010 Origins of Western Philosophy (3)
    - PHIL 3020 Early Modern Philosophy (3)
3. Value Theory Requirement: Select at least one of the following courses. (3)
    - PHIL 4700 Ethics (3)
    - PHIL 4720 Environmental Ethics (3)
    - PHIL 4740 Advanced Biomedical Ethics (3)
    - PHIL 4750 Topics in Ethics (3)
    - PHIL 4760 Ethics and Contemporary Public Policy (3)
    - PHIL 4770 Moral Psychology (3)
    - PHIL 4780 Neuroethics (3)
    - PHIL 4790 Topics in Neuroethics (3)
    - PHIL 4800 Social and Political Philosophy (3)
    - PHIL 4830 Philosophy of Art (3)

    - PHIL 4855 Advanced Topics in Political Theory (3)
    - PHIL 4860 Feminist Philosophy (3)
    - PHIL 4890 Topics in Social and Political Philosophy (3)
4. Metaphysics and Epistemology Requirement: Select at least one of the following courses. (3)
    - PHIL 4100 Epistemology (3)
    - PHIL 4130 Philosophy of Science (3)
    - PHIL 4150 Topics in Epistemology (3)
    - PHIL 4300 Metaphysics (3)
    - PHIL 4330 Philosophy of Mind (3)
    - PHIL 4340 Philosophy and Cognitive Science (3)
    - PHIL 4350 Topics in Metaphysics (3)
    - PHIL 4530 Philosophy of Language (3)
5. PHIL 4820 Philosophy of Law (3)
6. One more philosophy course (3 hours) at the 3000 or 4000-level.
7. One of the following courses (3-4)
    - AAS 3070 African-Americans in the Criminal Justice System (3)
    - HIST 3900 Human Rights in Historical Perspective (4)
    - HIST 4240 American Labor and Working Class (4)
    - HIST 4460 Bill of Rights (4)
    - HIST 4470 Legal and Constitutional History (4)
    - HIST 4532 Crime, Law, and Society in Early Modern Europe (4)
    - HIST 4540 Britain, Ireland, and the British Atlantic, 1485 to 1689 (4)
    - HIST 4620 Europe: Culture and Ideas (4)
    - LGLS 3020 Introduction to the Law (3)
    - POLS 3110 State Government (3)
    - POLS 3140 Judicial Process and Courts (3)
    - POLS 3145 Introduction to American Law (3)
    - POLS 3170 American Legislative Process (3)
    - POLS 3750 Public Policy Analysis (3)
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
    - POLS 4141 Supreme Court Decision Making (3)
    - POLS 4157 Politics of the Civil Rights Movement (3)
    - POLS 4220 Comparative Legal Systems and Politics (3)
    - POLS 4420 International Law (3)
    - POLS 4425 Politics of International Criminal Justice (3)
    - POLS 4427 Politics of International Human Rights (3)
    - POLS 4570 American Political Thought (3)
    - POLS 4780 Administrative Law and Government (3)
    - RELS 4140 Religion and Law (3)
    - RELS 4670 Church and State (3)
    - SOCI 3224 Crime and Punishment (3)
    - SOCI 4218 Power and Politics (3)
    - SOCI 4366 Law and Society (3)

Other law-related 3000 level or 4000-level courses (in any College) approved **in advance** by the Philosophy Pre-Law Advisor. No courses will be approved after a student has enrolled in the course.

Graduation with Distinction

To graduate with distinction in the Philosophy major, the student must have excelled in his or her philosophy courses and undergraduate career. For a student to earn Graduation with Distinction, the student must have at least a 3.5 GPA in the major and 3.5 GPA overall, must have passed PHIL 2500 (Introduction to Symbolic Logic), and must be in good academic standing. Rare exceptions may be made by faculty vote.

Minor in Philosophy

Students who wish to minor in Philosophy must take at least 15 hours in courses in philosophy, including at least nine semester hours at the 3000 or 4000-level. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Minor in Ethics (see section 3250)

3460 Physics

Programs Offered:

- **Bachelor of Science in Physics**
- **Standard Program in Physics**
    - **Concentration in Applied Physics**
    - **Concentration in Astronomy**
    - **Concentration in Pre-Medicine**
    - **Concentration in Biophysics**
    - **Concentration in Geology**
    - **Concentration in Computer Science**
    - **Concentration in Education**
- **Dual Degree Programs: B.S. Physics with the M.A.T. Science Education**
- **Minor in Physics**

Department of Physics and Astronomy
Room 605, 25 Park Place
Atlanta, GA 30303
www.Phy-Astr.gsu.edu

D. Michael Crenshaw, Chair
Brian Thoms, Associate Chair and Undergraduate Director in Physics
Misty Bentz, Undergraduate Director in Astronomy

All degree programs described below are built on a core of 21 semester hours of physics numbered 3300 or above and 3 semester hours of mathematics at the 3000 level. The standard program is designed to prepare the student for graduate school or immediate employment upon graduation. Students selecting the standard program must complete 21 semester hours of physics, astronomy and mathematics beyond the core set of physics and mathematics courses listed below. As an alternative to the standard program, courses in one of several specific areas of concentration may be chosen as described below. The available areas of concentration are applied physics, astronomy, pre-medicine, biophysics, geology, computer science, and education.

A central objective of Georgia State University is that all graduates from its programs will be proficient in writing, critical and analytical thinking, and use of information resources. In support of this objective, the Department of Physics and Astronomy explicitly incorporates activities to develop these skills as appropriate in each course.

To schedule an effective program of study, it is very important that all students intending to major in physics consult with the physics faculty adviser as soon as possible. Physics majors are strongly encouraged to complete PHYS 1000 in their first Fall semester. PHYS 1000 is also appropriate for students considering physics and astronomy. Physics majors should pay special attention to the early completion of the mathematical requirements if they are to complete their physics requirements during the usual four-year span. The first calculus course should be taken during the freshman year, and the second and third calculus courses should be completed during the sophomore year. The department recommends that General

Chemistry I and II be taken during the freshman year. The beginning physics sequence (Physics 2211K-2212K) should be completed before the end of the sophomore year. Students who enter the physics major after completing a non-calculus level elementary physics sequence should consult with their departmental adviser on the best method of preparing for more advanced courses in physics.

Visit the major maps for this program at cas.gsu.edu/major/physics-and-astronomy/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.S. in Physics

Areas A-E: Core Curriculum Recommendations

1. Required course:
    - MATH 1113 Precalculus (3) (or a higher-level mathematics course)
2. Required course:
    - MATH 2211 Calculus of One Variable I (4) (or a higher-level mathematics course)
3. Recommended courses:
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)

Area F: Courses Appropriate to the Major (18)*

1. Required Course
    - PHYS 1000 Gateway to Physics (2)
2. Required Courses (Unless used to satisfy Area D requirements)
    - PHYS 2211K Principles of Physics I (4)
    - PHYS 2212K Principles of Physics II (4)
    - CHEM 1211K Principles of Chemistry I (4)
    - CHEM 1212K Principles of Chemistry II (4)
    - MATH 2212 Calculus of One Variable II (4)
    - MATH 2215 Multivariate Calculus (4)*
3. To complete 18 semester hours in Area F, select additional courses from the following list that were not used to satisfy the Area A or D requirements.*
    - ASTR 1010 Introduction to the Universe (4)
    - ASTR 1020 Astronomy of the Solar System (4)
    - BIOL 1103K Introductory Biology I (4)
    - BIOL 1104K Introductory Biology II (4)
    - BIOL 2107K Principles of Biology I (4)
    - BIOL 2108K Principles of Biology II (4)
    - CSC 2010 Introduction to Computer Science (3)
    - CSC 2310 Principles of Computer Programming (3)
    - CSC 2510 Theoretical Foundations of Computer Science (3)

- GEOL 1121K Introductory Geosciences I (4)
- GEOL 1122K Introductory Geosciences II (4)
- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring SocioCultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 Exploring Learning and Teaching (3)

*Required Lower Division Courses

All students majoring in physics must complete the following set of courses: Phys 1000, 2211K, 2212K, Chem 1211K, 1212K, Math 2212, and 2215. Any semester hours exceeding 18 earned to complete the lower division and Area F requirements will count toward elective hours.

Area G: Major Courses

A grade of C or higher is required in all major courses. The Department of Physics and Astronomy offers several concentrations within the B.S. in Physics degree program. The standard program is recommended for those who plan to pursue graduate study in physics. Other options include concentrations in applied physics, astronomy, pre-medicine, biophysics, geology, computer science, and education. Course requirements listed below for each of the options are in addition to the courses listed under Area F and the required lower division courses listed above. The standard program and all concentrations are centered on the 21-hour core of physics courses and the three-hour core of mathematics courses listed below.

Physics and Mathematics Core (24)

1. Required Courses to Fulfill CTW Requirement (6)
    - PHYS 3300 Advanced Physics Laboratory-CTW (3)
    - PHYS 4900 Research Project-CTW (3)
2. Additional Physics Requirements (15)
    - PHYS 3401 Modern Physics I (4)
    - PHYS 3850 Statistical and Thermal Physics (3)
    - PHYS 4600 Classical Mechanics (4)
    - PHYS 4700 Electricity and Magnetism (4)
3. Mathematics Requirements (3)
    - MATH 3260 Differential Equations (3)

Standard Program in Physics (21)

To meet the requirements for the degree with the standard program, the core set of physics and mathematics courses must be completed along with additional physics and mathematics courses as described below:

1. Required course (9)
    - PHYS 3402 Modern Physics II (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)
2. Physics and Astronomy Courses. Select nine hours from the following (9):
    - PHYS 3500 Electronics (3)

    - PHYS 3800 Optics (3)
    - PHYS 4110 Introduction to Embedded Systems Laboratory (4)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - PHYS 4810 Quantum Mechanics (3)
    - PHYS 4910 Solid State Physics (3)
    - PHYS 4950 Senior Research (1-3)
    - ASTR 3500 Quantitative Astronomy (4)
    - ASTR 4000 Fundamentals of Astrophysics (3)
    - ASTR 4100 Astronomical Techniques and Instrumentation (3)
3. Mathematics and Computer Science Courses. Select one course. (3)
    - CSC 4610 Numerical Analysis I (3)
    - MATH 3435 Introductory Linear Algebra (3)
    - MATH 4250 Complex Analysis (3)
    - MATH 4391 Introduction to Differential Geometry and Its Applications (3)

Applied Physics Concentration (21)

In addition to the core courses in physics and mathematics, the applied physics concentration allows courses from other sciences and engineering to complete the program in physics-related areas. Engineering courses are available through cross registration at the Georgia Institute of Technology. At least 18 semester hours must be completed at the 3000 level or above, and at least nine semester hours must be selected from science and/or engineering courses offered by other departments. **The overall program must be developed in consultation with a faculty adviser within the Department of Physics and Astronomy.**

Astronomy Concentration (21)

In addition to the core set of physics and mathematics courses, the astronomy concentration consists of 10 semester hours in astronomy courses (Astr 3500, 4000, and 4100), and others from the list below, to complete the requirements for the degree. (Although not a requirement, the department recommends that students take Astr 1010 and/or Astr 1020 before the junior year.)

1. Required courses (10)
    - ASTR 3500 Quantitative Astronomy (4)
    - ASTR 4000 Fundamentals of Astrophysics (3)
    - ASTR 4100 Astronomical Techniques and Instrumentation (3)
2. Physics, Mathematics, and Computer Science Courses. Select eleven hours from the following or other courses approved by the undergraduate director (11)
    - PHYS 3402 Modern Physics II (3)
    - PHYS 3500 Electronics (3)
    - PHYS 3800 Optics (3)
    - PHYS 4110 Introduction to Embedded Systems Laboratory (4)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - PHYS 4810 Quantum Mechanics (3)

- PHYS 4910 Solid State Physics (3)
- PHYS 4950 Senior Research (1-3)
- CSC 4610 Numerical Analysis I (3)
- MATH 3435 Introductory Linear Algebra (3)
- MATH 4250 Complex Analysis (3)
- MATH 4258 Vector Calculus (3)
- MATH 4265 Partial Differential Equations (3)
- MATH 4391 Introduction to Differential Geometry and Its Applications (3)

Pre-Medicine Concentration (21)

In addition to the core set of physics and mathematics courses, the pre-medicine concentration allows courses from biology and chemistry to complete the requirements for the degree. The concentration also provides the set of physics, chemistry, and biology courses required for admission to most medical schools. Note that BIOL 2107K and BIOL 2108K are prerequisites for BIOL 3800 and other upper-division biology courses.

1. Required Chemistry courses (12)
    - CHEM 2400 Organic Chemistry I (4)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 3100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
2. Required Biology course. Select one of the following (3):
    - BIOL 3240 Human Physiology (3)
    - BIOL 3800 Molecular Cell Biology (3)
3. Electives. Select six hours from the following or other courses approved by the undergraduate director (6):
    - BIOL 3240 Human Physiology (3) (unless used above)
    - BIOL 3250 Human Physiology Laboratory (1)
    - BIOL 3800 Molecular Cell Biology (3) (unless used above)
    - BIOL 3810 Molecular Cell Biology Laboratory-CTW (3)
    - BIOL 3880 Microbiology (3)
    - BIOL 3890 Microbiology Laboratory (1)
    - BIOL 3900 Genetics (3)
    - BIOL 3910 Genetics Laboratory (1)
    - CHEM 4600 Biochemistry I (5)
    - NEUR 3000 Principles of Neuroscience (4)
    - NEUR 3010 Neuroscience Laboratory (4)
    - NEUR 4030 Computational Neuroscience (4)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)

Biophysics Concentration (21)

In addition to the core set of physics and mathematics courses, the biophysics concentration allows biology

and chemistry courses to complete the requirements for the degree. The courses should be chosen from the list below and provide background in several areas including biochemical, biomolecular, and neural sciences. This concentration provides excellent preparation for advanced study in biological physics and for admission to M.D./Ph.D. programs. Note that Biol 2107K and 2108K are prerequisites for Biol 3800 and other upper-division biology courses.

1. Required courses (7)
    - BIOL 3800 Molecular Cell Biology (3)
    - CHEM 2400 Organic Chemistry I (4)
2. Select 14 hours from the followingor other courses approved by the undergraduate director. Note that CHEM 3410, Organic Chemistry II, is a prerequisite for many other courses listed. (14)
    - CHEM 3100 Organic Chemistry Laboratory I (2)
    - CHEM 3110 Organic Chemistry Laboratory II (2)
    - CHEM 3410 Organic Chemistry II (4)
    - CHEM 4000 Fundamentals of Chemical Analysis-CTW (3)
    - CHEM 4110 Physical Chemistry I (3)
    - CHEM 4120 Physical Chemistry II (3)
    - CHEM 4600 Biochemistry I (5)
    - BIOL 3810 Molecular Cell Biology Laboratory-CTW (3)
    - BIOL 3840 Animal Biology (3)
    - BIOL 3850 Animal Biology Laboratory (1)
    - BIOL 3880 Microbiology (3)
    - BIOL 3890 Microbiology Laboratory (1)
    - BIOL 3900 Genetics (3)
    - BIOL 3910 Genetics Laboratory (1)
    - BIOL 4102 Neurobiology (4)
    - NEUR 3000 Principles of Neuroscience (4)
    - NEUR 3010 Neuroscience Laboratory (4)
    - NEUR 4030 Computational Neuroscience (4)
    - PHYS 3402 Modern Physics II (3)
    - PHYS 3500 Electronics (3)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)

Geology Concentration (21)

In addition to the core set of physics and mathematics courses, this concentration allows geology courses to complete the requirements for the degree. The courses should be chosen from the list below. Note that Geol 1121K and 1122K are prerequisites for upper-division geology courses.

1. Required course (4)
    - GEOL 3002 Introduction to Earth Minerals (4)
2. Geology Courses. Select 12 hours from the following or other courses approved by the undergraduate director (12)
    - GEOL 4007 Hydrogeology (4)

    - GEOL 4013 Structural Geology (4)
    - GEOL 4015 Crystallography and Optical Mineralogy (4)
    - GEOL 4017 Environmental Geology (4)
3. Electives Select at least five hours from the following or other courses approved by the undergraduate director (5):
    - PHYS 3402 Modern Physics II (3)
    - PHYS 3500 Electronics (3)
    - PHYS 3800 Optics (3)
    - PHYS 4110 Introduction to Embedded Systems Laboratory (4)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - PHYS 4810 Quantum Mechanics (3)
    - PHYS 4910 Solid State Physics (3)
    - PHYS 4950 Senior Research (1-3)
    - CSC 4610 Numerical Analysis I (3)
    - MATH 3435 Introductory Linear Algebra (3)
    - MATH 4250 Complex Analysis (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)
    - MATH 4391 Introduction to Differential Geometry and Its Applications (3)

Computer Science Concentration (21)

In addition to the core set of physics and mathematics courses, this option allows courses in computer science and related areas to complete the requirements for the degree. The courses should be chosen from the list below. Note that CSc 2010, 2310 and 2510 are prerequisites for upper-division computer science courses.

1. Required Physics course (3)
    - PHYS 3500 Electronics (3)
2. Computer Science Courses. Select 12 hours of courses from the following or other courses approved by the undergraduate director (12)
    - CSC 3210 Computer Organization and Programming (3)
    - CSC 3320 System Level Programming (3)
    - CSC 3330 C++ Programming (3)
    - CSC 3410 Data Structures-CTW (3)
    - CSC 4120 Introduction to Robotics (4)
    - CSC 4210 Computer Architecture (4)
    - CSC 4220 Computer Networks (3)
    - CSC 4310 Parallel and Distributed Computing (4)
    - CSC 4330 Programming Language Concepts (3)
    - CSC 4350 Software Engineering-CTW (4)
    - CSC 4520 Design and Analysis of Algorithms (4)
    - CSC 4610 Numerical Analysis I (3)
    - CSC 4620 Numerical Analysis II (3)
    - CSC 4630 Introduction to Matlab Programming (4)

    - CSC 4730 Data Visualization (4)
    - CSC 4820 Interactive Computer Graphics (4)
3. Electives. Select six hours from the following or other courses approved by the undergraduate director (6):
    - PHYS 3402 Modern Physics II (3)
    - PHYS 3800 Optics (3)
    - PHYS 4110 Introduction to Embedded Systems Laboratory (4)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4340 Neurophysics (3)
    - PHYS 4410 Nuclear and Particle Physics (3)
    - PHYS 4710 Functional Neuroimaging (3)
    - PHYS 4810 Quantum Mechanics (3)
    - PHYS 4910 Solid State Physics (3)
    - PHYS 4950 Senior Research (1-3)
    - MATH 3030 Mathematical Models for Computer Science (3)
    - MATH 3435 Introductory Linear Algebra (3)
    - MATH 4250 Complex Analysis (3)
    - MATH 4258 Vector Calculus (3)
    - MATH 4265 Partial Differential Equations (3)
    - MATH 4391 Introduction to Differential Geometry and Its Applications (3)

Education Concentration (21)

In addition to the core set of physics and mathematics courses, this option leads to certification to teach physics in grades 6-12. Prior to beginning this concentration, students must be accepted into Teacher Education in the College of Education and Human Development.To apply, students must have:

- completed Areas A-F of the program of study,
- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- Completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Note that EDUC 2110(3), EDUC 2120(3), and EDUC 2130(3) are prerequisites for the field placement courses (EDCI 4600, EDCI 4650, and EDCI 4750).

1. Required courses (21)
    - EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
    - EDSC 4655 Principles of Science Instruction (3)
    - EDSC 4755 Theory and Pedagogy of Science Instruction (3)
    - EDCI 3250 Introduction to Teaching in Secondary Schools (3)
    - EDCI 4600 Practicum (3)

- EDCI 4650 Opening School Experience (0)
- EDCI 4750 Student Teaching in the Secondary Schools (6)

2. Additional requirements for teacher certification:
    - Students must maintain a 3.00 GPA for courses in the education concentration.
    - Only hours of EDCI 4600 and EDCI 4750 completed with a grade of B or better will count toward certification.
    - Students must pass appropriate GACE II examination to be recommended for certification.
    - Each student will be required to maintain an electronic program portfolio and to demonstrate proficiency in the pedagogy standards from the Interstate New Teacher Assessment and Support Consortium (INTASC) and the content standards from the National Science Education Standards (NSES). Requirements for the INTASC standards and the National Educational Technology Standards (NETS) will be embedded in the coursework listed above.

Georgia Assessments for the Certification of Educators (GACE): The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.
Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA: edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the BIS program while continuing to complete teacher certification requirements for edTPA.

Area H: Minor and/or Additional Courses

1. Students earning a B.S. through the Department of Physics and Astronomy are not required to take

a minor.

2. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. Although not a requirement, the department recommends that physics majors take these elective courses at the 2000 level or above in mathematics, computer science, chemistry, biology, geology, physics, or astronomy. (Consult with the departmental academic adviser.)

B.S. Physics / M.A.T. Science Education Dual Degree Program

This dual degree program, allowing completion of both degrees and teacher certification requirements in approximately 5 years, is available to undergraduates majoring in physics who have completed at least 30 hours of academic credit (including Math 2211 and Phys 2211K) and who have earned a minimum cumulative GPA of 3.3. Students may apply to the option at any time after completing 30 hours but prior to completing 90 hours of undergraduate coursework. Applicants are applying for early acceptance into the College of Education and Human Development's MAT program and therefore must submit the following documentation in addition to meeting the GPA requirement:

- Complete the BS/MAT pre-application form. This will be kept on file in the Department of Physics & Astronomy and in the Office of Academic Assistance in the College of Arts & Sciences.
- 2-3 letters of recommendation: (a) one academic or professional letter; (b) one letter from someone who can evaluate the applicant's personal qualifications, experience, and background in light of potential to work successfully with adolescents; (c) one letter from a current work supervisor, if applicable
- Documentation of previous work experience (résumé or curriculum vitae)
- Personal statement of goals and/or reasons for teaching
- Successful interview with appropriate program faculty in the Department of Physics and Astronomy and in the College of Education and Human Development

Final acceptance into the M.A.T. portion of the program will be contingent upon the following:

- Maintaining a cumulative GPA of 3.0 or higher;
- Completion of 90 hours towards the B.S. degree in Physics (including Phys 7460 and Phys 7850);
- Submission of acceptable GRE scores;
- Filing an application to the M.A.T. program by the appropriate deadline.

Acceptance into the Teacher Education track is contingent upon acceptance into the M.A.T. portion, completion of 24 hours in physics, and passing or exempting the GACE Basic Skills test.

Students in this program will select one of the B.S. concentrations listed above. The curriculum allows students to satisfy the content requirement of the M.A.T. program by enrolling in the 7000-level counterparts of the core physics courses (Phys 7850 for 3850, Phys 7460 for 3401, Phys 7600 for 4600, and Phys 7700 for 4700). In addition, to meet the M.A.T. and teacher certification requirements, students will enroll in EXC 4020 and 6 hours of graduate-level courses required for the M.A.T. in satisfying 9 hours of elective credits towards the B.S. in Physics.

Normally, students in their 4th year are enrolled in both the B.S. and the M.A.T. programs and will receive the B.S after the 4th year. In the 5th year, students will take professional education courses (24 hours) and

will focus on the student teaching requirements.

For more information on this program's curriculum, please contact the Department of Physics and Astronomy. The M.A.T. requirements for Science Education are described more fully in the College of Education and Human Development section of the Graduate Catalog.

Minor in Physics

Students who wish to minor in physics must take at least 15 semester hours in physics and/or astronomy courses, including at least nine semester hours at the 3000 level or above. Students taking more than 15 semester hours in these courses may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Graduation with distinction

To qualify for Graduation with Distinction in Physics, students need a minimum grade-point average of 3.4 for all their GSU courses, plus a minimum grade-point average of 3.4 for all courses taken for their major, plus a grade of either A or A+ in the course PHYS 4900 (Research Project-CTW).

3470 Political Science

Programs Offered:

- **Bachelor of Arts in Political Science**
  - **Concentration in General Political Science**
  - **Concentration in International Affairs**
  - **Concentration in Pre-Law**
  - **European Union Studies Certificate**
- **Minor in Political Science**
- **Dual B.A. / M.A. Program**

Department of Political Science
1005 Langdale Hall
404/413-6159
politicalscience.gsu.edu

Carrie Manning, Chair
Rashid Naim, Undergraduate Director

Political science is the study of "who gets what, when, and how" in the distribution of goods and values in society and in groups. Specifically, political scientists study the determinants of such distributions, including political parties and voters, public opinion, interest groups, bureaucracies and administrative behavior, public law, international relations, international law and organizations, national security, intergovernmental relations, political behavior, political philosophy, comparative politics, public policy, and conflict.

Students may specialize in any of the five fields of the discipline: American politics and government, comparative politics, international politics, political theory, and public policy and administration. The department also provides specific concentrations for majors and minors in pre-law and in international affairs. The department sponsors intercollegiate academic teams for Mock Trial, Model United Nations, and Model Arab League. The department sponsors student honor societies and clubs in pre-law, international relations, and political science. In addition, the department provides advisement for pre-law students.

The proximity of Georgia State University to the center of government for the Southeast and the State of Georgia and its location in an international city of business, communication, and transportation provide unique opportunities for students to observe and participate in government and politics. For example, many qualified students serve as interns as part of their academic program.

Visit the major maps for this program at cas.gsu.edu/major/political-science/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Academic Regulations

Internship and Practicum Credit: Applicants for internships must meet departmental prerequisites. Internship and practicum credit may not be applied toward the major or minor, but may be used as elective

credit. Such credit includes: PolS 4930, PolS 4940, PolS 4950, PolS 4951, PolS 4952, and PolS 4955.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Political Science

Area F: Courses Appropriate to the Major (18)

1. Required courses (6)
    - POLS 2401 Global Issues (3) (if not taken in Area E)
    - Lang 1002 Elementary Foreign Language II (3)
      (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)
2. Select two courses. (6)
    - ECON 2105 Principles of Macroeconomics (3)
    - ECON 2106 Principles of Microeconomics (3)
    - SOCI 1101 Introduction to Sociology (3)
3. Select additional courses from the following to complete 18 hours in Area F. (6)
    - AAS 2010, ANTH 2020, ECON 2105, ECON 2106, ENGL 2150, Lang 2001, Lang 2002, GEOG 1101, GEOG 2202, HIST 1111, HIST 1112, HIST 2110, JOUR 1000, JOUR 2500, MATH 1070, MATH 1113, MATH 1220, MATH 2211, PHIL 1010* (*note: only 2-credit hours), PHIL 2010, POLS 2101, PSYC 1101, SOCI 1101, SOCI 1160, WGSS 2010.

Area G: Major Courses (30)

A grade of C or higher is required in all major courses.

General Political Science Concentration (30)

1. Required Courses to fulfill CTW requirement (6)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - POLS 4900 Senior Seminar in Political Science-CTW (3)
2. Other Required Courses (6)
    - Either POLS 3200 Comparative Politics or POLS 3400 International Relations
    - Either POLS 3530 Classical and Early Modern Political Thought or POLS 3540 Modern Political Thought
3. Take 18 hours in political science at the 3000 level or above. At least one course must be taken in American government and politics (3100s and 4100s). (18)

International Affairs Concentration (30)

1. Required Courses to fulfill CTW requirement (6)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - POLS 4900 Senior Seminar in Political Science-CTW (3)

2. International Affairs Requirements (6)
    - POLS 3200 Comparative Politics (3)
    - POLS 3400 International Politics (3)
3. Select 18 hours at the 3000 level or above in comparative politics and international politics. (18)
4. Select 3 hours at the 3000 level or above in American politics, public policy and administration, or political theory. (3)

Pre-Law Concentration (30)

1. Required Courses to fulfill CTW requirement (6)
    - POLS 3800 Introduction to Political Research-CTW (3)
    - POLS 4900 Senior Seminar in Political Science-CTW (3)
2. Pre-Law Requirements (9)
    - POLS 3140 Judicial Process and Courts (3)
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
3. Select 2 courses. (6)
    - POLS 3110 State Government (3)
    - POLS 3145 Introduction to American Law (3)
    - POLS 3170 American Legislative Process (3)
    - POLS 3171 Congressional Simulation (3)
    - POLS 3530 Classical and Early Modern Political Thought (3)
    - POLS 3540 Modern Political Thought (3)
    - POLS 3700 Public Administration and Bureaucratic Politics (3)
    - POLS 3750 Public Policy Analysis (3)
    - POLS 4141 Supreme Court Decision Making
    - POLS 4155 Voting and Elections (3)
    - POLS 4160 Political Attitudes and Public Opinion (3)
    - POLS 4165 African-American Politics (3)
    - POLS 4180 American Chief Executives (3)
    - POLS 4205 Comparative Democratization (3)
    - POLS 4220 Comparative Legal Systems and Politics (3)
    - POLS 4223 Comparative Electoral Systems (3)
    - POLS 4420 International Law (3)
    - POLS 4421 International Organizations (3)
    - POLS 4425 Politics of International Criminal Justice (3)
    - POLS 4427 Politics of International Human Rights (3)
    - POLS 4520 Theories of Democracy (3)
    - POLS 4555 Contemporary Political Philosophy (3)
    - POLS 4570 American Political Thought (3)
    - POLS 4780 Administrative Law and Government (3)
4. Select nine additional hours in political science. (9)
5. Of the courses taken, students must have one course in three of the five areas of the discipline.
6. POLS 4940 is recommended as an elective.

Area H: Minor and/or Additional Courses

1. Students majoring in political science who take either the general political science concentration or the international affairs concentration are not required to take a minor. Students in the pre-law concentration should see the department's pre-law adviser for further information.
2. Additional courses not in the major or in a minor must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Allied Field Concentration in Political Science for Pre-Education Majors in Other Social Science Departments (9)

Students majoring in other social sciences and who are pursuing a concentration in Pre-Education should choose from the following courses in using political science as an allied field to their major.

1. Select one course
    - POLS 4130 American Constitutional Law (3)
    - POLS 4131 Civil Liberties and Rights (3)
2. Select one course
    - POLS 3110 State Government (3)
    - POLS 3170 American Legislative Process (3)
    - POLS 4180 American Chief Executives (3)
3. Select one course
    - POLS 3200 Comparative Politics (3)
    - POLS 3400 International Politics (3)

European Union Studies Certificate

The department provides courses and advising in regard to the European Union Studies Certificate offered by the University System of Georgia. This program enables students to develop expertise in the European Unions and in EU studies. Dr. Jeannie Grussendorf of the department serves as campus representative. See Section 3260 for a detailed description.

Minor in Political Science

Students wishing to minor in political science should take 15 semester hours of political science courses at the 3000 level or above.

Students seeking to take a minor in political science/pre-law should take POLS 3140, POLS 4130, POLS 4131, and two courses from POLS 3110, POLS 3145, POLS 3170, POLS 3700, POLS 3750, POLS 3770, POLS 4115, POLS 4157, POLS 4180, POLS 4220, POLS 4420, POLS 4425, POLS 4427, POLS 4570, and POLS 4780.

Students seeking to take a minor in political science/international affairs should take POLS 2401 (if not taken in Area E)], POLS 3200, POLS 3400, and nine additional hours at the 3000 level or above in comparative or international politics.

Exchange Programs

The department has an exchange/study abroad program with the University of Strasbourg in France.

Courses are available in English. Students spend one semester in residence and earn 12-15 credit hours.

The department also offers undergraduate exchange programs with Ewha Women's University and Hanyang University in Seoul, Korea; and Marmara University and Sehir University in Turkey. Students spend up to one academic year in residence in one of the universities with credit given for classes on a cross-registration basis.

Dual B.A. / M.A. Program in Political Science

The department offers a dual Bachelor of Arts and Master of Arts in Political Science. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This department offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the department undergraduate director for the specific criteria for this honor.

3480 Pre-Law Programs

Four different pre-law preparatory programs offered:

- **Bachelor of Interdisciplinary Studies in Law and Society (Section 3400)**
- **Bachelors of Arts in History with a Pre-Law Concentration (Section 3320)**
- **Bachelor of Arts in Philosophy with a Pre-Law Concentration (Section 3450)**
- **Bachelor of Arts in Political Science with a Pre-Law Concentration (Section 3470)**
- **Minor in Political Science/Pre-Law (Section 3470)**

Students interested in a career in law are encouraged to consult these sections of this catalog.

3490 Pre-Medical Programs

Three different pre-medical programs offered:

- **Bachelor of Science in Biology with a Pre-Professional/Physiology Concentration (Section 3170)**
- **Bachelor of Science in Chemistry with a Pre-Medicine Concentration (Section 3180)**
- **Bachelor of Science in Physics with a Pre-Medicine Concentration (Section 3460)**
- **Bachelor of Science in Psychology with a Pre-Medicine Concentration (Section 3500)**

Students interested in a career in medicine are encouraged to consult these sections of this catalog.

Faculty from these departments compose the Premedical Professions Advisory Committee and advise pre-med students. This committee maintains contact with medical schools concerning specific requirements and selection criteria and helps students design specific programs of study for dentistry, medicine, optometry, osteopathic medicine, pharmacy, podiatry, or veterinary medicine. While most premedical students major in biology, chemistry or physics, requirements for admission to medical or dental schools may be met by other majors, provided the requisite science courses are completed.

A student interested in one of these preparatory medical programs should contact the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. This office serves as a liaison to the Premedical Professions Advisory Committee and maintains pertinent information such as entrance exam applications and other appropriate materials.

3500 Psychology

Programs Offered:

- **Bachelor of Arts in Psychology**
- **General Program in Psychology**
    - **Concentration in Community Psychology**
- **Bachelor of Science in Psychology**
- **General Program in Psychology**
    - **Concentration in Community Psychology**
    - **Concentration in Pre-Medicine**
- **Minor in Psychology**

Department of Psychology
11th floor, Urban Life Building
404/413-6200
psychology.gsu.edu

Chris. Henrich, Chair
Erin Tone, Associate Chair
Chris Goode, Director of Undergraduate Studies

Psychology is the science of mind and behavior. It investigates how and why organisms engage in the behaviors and thought-processes they do. The topics of investigation range from the life sciences to the social sciences, and applications occur in clinical, research, industrial, community, and other social contexts.

A career in psychology usually requires a graduate degree. An undergraduate major in psychology can serve as a prerequisite for graduate study in psychology or as background for other careers, e.g., business, law, medical or allied health sciences, and teaching. A major in psychology also can serve the general interest of liberal arts education. The department maintains reference materials, including audio/visual material and an Internet website to assist in career advisement. Students wishing to be psychology majors must first be advised by The Office of Academic Assistance in the College of Arts and Sciences and then by the psychology undergraduate adviser.

Visit the major maps for this program at cas.gsu.edu/major/psychology/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Academic Regulations

Before taking upper-division courses, students must have completed 60 hours or have the permission of the instructor.

All majors must complete the courses in Area G, as specified below. Concentrations have specific requirements (for more details see the concentration requirements that are listed after the area requirements). Majors who meet the requirements in Area G and do not choose to pursue a concentration will graduate in the general program.

B.A. Degree

Students must take a foreign language and six additional hours from courses in Area E. (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)

B.S. Degree

Students must take nine semester hours from the courses listed below. We strongly recommend a two-course laboratory sequence in Principles of Biology, Introduction to Chemistry, or Introduction to Physics.

ANTH 2020, BIOL 1103K, BIOL 1104K, BIOL 1110, BIOL 1120, BIOL 2107K, BIOL 2108K, BIOL 2240, BIOL 2250, CHEM 1101K, CHEM 1102K, CHEM 1151K, CHEM 1152K, CHEM 1211K, CHEM 1212K, MATH 1111, MATH 1113, MATH 1220, MATH 2211, MATH 2212, MATH 2215, MATH 2420, PHIL 2010, PHYS 1111K, PHYS 1112K, PHYS 2211K, PHYS 2212K, SOCI 1101

Psychology Program and Concentrations

The Department of Psychology offers a general program in psychology plus concentration in specific areas of psychology. The general program offers the most choice in courses for a degree in psychology. Concentrations have more restrictive curricula than the general program and are intended to prepare students for a specific career path. Most students will be in the general program. Students planning graduate school or other advanced training in an area related to one of the concentrations should consider applying for admission to that concentration.

Major Eligibility Requirements

Effective fall semester 2014, to be eligible for the Psychology major and to enroll in 3000 and 4000 level Psychology courses (i.e., Psyc courses), students must fulfill the following requirements:

- Complete all courses with the Psyc prefix designated in Psychology's Area F and
- Earn a 2.3 grade-point average in all Psyc courses counting toward the Area F requirements (with a minimum grade of "C" in PSYC 1101). This GPA will be calculated based on the first attempt at Georgia State University at PSYC 1101 and the first two Psyc Area F courses taken. WFs counts as an attempt. Ws do not count as attempts. Transfer students who transfer these course(s) into Georgia State, may use the grades in the transferred course(s) to calculate the GPA or they may attempt them once at Georgia State.
- If a student has a grade of K in PSYC 1101, the GPA will be computed based on the other two courses.

Once students are eligible to take 3000- and 4000-level Psychology courses, they remain eligible to take them as long as they are eligible to enroll at Georgia State University and satisfy other psychology program requirements.

This requirement applies to students entering or re-entering the university in fall 2014 or thereafter, or to students who choose to follow the Psychology program requirements in the undergraduate catalog for 2014-15 or thereafter.

Students in majors other than Psychology, including those minoring in Psychology, may enroll in 3000- and 4000-level courses as long as they meet any pre-requisites for the specific course.

College and University Degree Requirements

In addition to the Major Eligibility Requirements for Psychology, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Psychology and B.S. in Psychology

Areas A-E: Core Curriculum Recommendations

1. Recommended course:
    - PSYC 1100 Introduction to Biological Psychology (3)

Area F: Courses Appropriate to the Major (18)

1. PSYC 1101 Introduction to General Psychology (3) (take here rather than in Area E) *
2. Select two courses. (6) *
    - PSYC 2030 Careers in Psychology (3)
    - PSYC 2040 Introduction to Applied Psychology (3)
    - PSYC 2050 Introduction to Drugs and Behavior (3)
    - PSYC 2070 Introduction to Human Sexuality (3)
    - PSYC 2080 Sex, Evolution, & Human Behavior (3)
    - PSYC 2101 Introduction to the Psychology of Adjustment: A Personal Growth Course (3)
    - PSYC 2103 Introduction to Human Development: Individual and Family Issues (3)
3. Non-Psychology courses (9)

* Psychology majors must have a 2.3 grade-point average in these Area F courses (with a minimum grade of "C" in PSYC 1101) to be eligible to take 3000- and 4000-level Psyc courses. (See Major Eligibility Requirements above.)

Area G: Major Courses (32)

General Program in Psychology (32)

Required Methodology Courses (8)

These required methodology courses must be completed by the end of the junior year (90 hours). Students with 90 hours who have not completed both methodology courses may not register for any other psychology courses. To insure that this requirement is met, students should take Psyc 3510 (a prerequisite for Psyc 3530) during the second semester of the sophomore year. Failure to complete these courses in a timely manner may delay graduation. Additionally, students who are unable to pass either Psyc 3510 or Psyc 3530 with a grade of C or better in two attempts shall not be permitted to repeat the course or to enroll in any departmental courses for which the course is a prerequisite.

Required Courses:

- PSYC 3510 Introduction to Research Design and Data Analysis (4)
- PSYC 3530 Advanced Research Design and Analysis-CTW (4) (also serves as one of the two courses needed to fulfill CTW requirement)

Advanced Required Courses (9)

Take one course from each group below.

Group 1:

- PSYC 3140 Abnormal Psychology (3)
- PSYC 4020 Social Psychology (3)
- PSYC 4040 Developmental Psychology (3)
- PSYC 4160 Theories of Personality (3)
- PSYC 4510 Community Psychology (3)

Group 2:

- PSYC 4100 Cognitive Psychology (3)
- PSYC 4110 Physiological Psychology (3)
- PSYC 4120 Learning (3)
- PSYC 4130 Sensation and Perception (3)

Group 3:

- PSYC 3520 Introduction to African American Psychology (3)
- PSYC 3570 Multicultural Issues in Psychology (3)
- PSYC 4030 Cross Cultural Psychology (3)
- PSYC 4610 Psychology of Aging (3)
- PSYC 4620 Psychology of Women (3)
- PSYC 3901 Study Abroad in Psychology (3)

Required Course to fulfill CTW requirement (3)

- PSYC 4000 Laboratory Experience in Psychology (3) ***or***
- PSYC 4800 Seminar-CTW (3)

Psychology Electives (12)

- Select 12 hours in psychology courses at the 3000 level or above.

Concentrations

Psychology majors wishing to graduate in a concentration must meet the requirements for graduation listed below. They also must meet all general program requirements listed above. Students must complete all

lower-division requirements prior to beginning a concentration. Students completing a concentration will receive a certificate and will have an appropriate annotation placed on their transcript.

Community Psychology Concentration (32)

Community Psychology is an area of psychology that aims to apply psychology toward improving the well-being of human groups. An ecological perspective, a prevention orientation, and an appreciation of diversity characterize this area. Often community psychology takes the form of "action research" in which knowledge gained from basic research or psychological theory is applied in real-world settings. At other times it takes the form of relatively more basic research on social problems or community functioning. The concentration is most appropriate for students who want to apply psychology theories and methods to solving social and environmental problems, such as drug abuse, homelessness, and violence. The curriculum should prepare graduates either to pursue graduate education in community psychology or to work in community-based organizations.

Required Methodology Courses (8)

(See "General Program in Psychology," described above.)

Advanced Required Courses (9)

Group 1

- PSYC 4510 Community Psychology (3)

Group 2: Select one course (3)

- PSYC 4100 Cognitive Psychology (3)
- PSYC 4110 Physiological Psychology (3)
- PSYC 4120 Learning (3)
- PSYC 4130 Sensation and Perception (3)

Group 3: Select one course (3)

- PSYC 3520 Introduction to African American Psychology (3)
- PSYC 3570 Multicultural Issues in Psychology (3)
- PSYC 4030 Cross Cultural Psychology (3)
- PSYC 4610 Psychology of Aging (3)
- PSYC 4620 Psychology of Women (3)
- PSYC 3901 Study Abroad in Psychology (3)

Required Course to fulfill CTW requirement (3)

- PSYC 4000 Laboratory Experience in Psychology (3) ***or***
- PSYC 4800 Seminar-CTW (3)

Psychology Electives (12)

Select from below for a total of four courses:

1. Select a second Group 3 course from above (3)
2. Select two courses. (6)

- PSYC 3110 Psychology of Interpersonal Behavior (3)
- PSYC 3450 Health Psychology (3)
- PSYC 4020 Social Psychology (3)
- PSYC 4300 Adolescent Psychology (3)

1. Select one course. (3)
    - PSYC 4760 Research Practicum in Psychology (3)
    - PSYC 4770 Applied Practicum in Psychology (3)

Pre-Medicine Concentration

Students interested in attending medical school are advised to consider the pre-medicine concentration. Those wishing to pursue this concentration should be aware that the requirements will differ from those listed in the regular psychology curriculum. The Department of Psychology has a pre-medicine adviser. For more information on the pre-medicine curriculum contact the Office of Academic Assistance, College of Arts and Sciences, Room 418, Langdale Hall, 404/413-5000.

Area H: Minor and Additional Courses

Students majoring in psychology are not required to take a minor.

Minor in Psychology

Students who wish to minor in psychology must take 15 hours in courses in psychology including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in psychology may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.)

Honors Program and Psi Chi

The department participates in the Honors Program (See "Honors Program," described previously) and sponsors a chapter of Psi Chi, the national honor society in psychology. Qualified students are encouraged to participate in these programs. The diplomas of students who complete the University Honors Program indicate that they graduate with honors in psychology.

Graduation with Distinction in Psychology

Departmental distinction is separate from the Honors Program. Faculty members may nominate majors who have an overall average of at least 3.5 and who have demonstrated outstanding research, leadership, or service to the department for graduation with distinction. More information about graduation with distinction is available in the department.

Students should consult the department's website to learn about extracurricular activities than can enhance the psychology major experience.

3510 Religious Studies

Programs Offered:

- **Bachelor of Arts in Religious Studies**
- **Minor in Religious Studies**
- **Dual B.A./M.A. in Religious Studies**

Department of Religious Studies
17th floor, 25 Park Place Bldg.
404/413-6110
religiousstudies.gsu.edu

Kathryn McClymond, Chair
Jonathan Herman, Director of Undergraduate Studies

Offerings in religious studies, all of which are taught from a non-sectarian perspective, include comparative courses on such topics as world religions, religious thought, religious ethics, mysticism, and women and religion, as well as a host of courses on specific religious traditions including Buddhism, Hinduism, Shinto, Taoism, Confucianism, Judaism, Christianity, and Islam. Students majoring in religious studies have the opportunity to take and have counted toward their major select courses in other departments and programs in the College of Arts and Sciences including African-American studies, anthropology, art history, classics, history, music, political science, and sociology. Courses in religious studies contribute to a student's understanding of the beliefs and actions of diverse peoples and cultures. They also contribute to the student's self understanding through uncovering and exploring major tenets of his or her own culture. The major in religious studies is designed to provide a rich training in the liberal arts and is particularly appropriate for those students considering careers in government, health, law, education, international business, social work, the ministry, or media. Students in other fields are encouraged to consider the possibility of a double major with religious studies. Students can find a more detailed description of the Religious Studies Program and its offerings, as well as news about its faculty and upcoming events, on the Web at religiousstudies.gsu.edu.

Visit the major maps for this program at cas.gsu.edu/major/religious-studies/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Admission

All undergraduates in good academic standing are eligible for the major and minor in religious studies.

Program Academic Regulations

Only courses in which students earn a C or higher may be applied to the major and minor in religious studies.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences

Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Religious Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (6)
    - RELS 2001 Introduction to World Religions (3)
    - Lang 1002 Elementary Foreign Language II (3)
2. Recommended Courses (6)
    - Lang 2001 Intermediate Foreign Language I (3)
    - Lang 2002 Intermediate Foreign Language II (3)
3. Select additional 1000 and 2000-level courses from core curriculum Areas C, D, or E to complete the 18 hours required in Area F. (6-12)

The Department recommends, but does not require, that Religious Studies majors complete the foreign language sequence Lang 2001 and 2002. (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)

Area G: Major Courses (24)

A grade of C or higher is required in all major courses. To satisfy the requirements for the B.A. degree with a major in religious studies, a student must take a total of 24 semester hours, including the following distribution requirements:

1. Required Courses to fulfill CTW requirement (6)
    - RELS 3750 Theories and Methods in Religious Studies-CTW (3)
    - RELS 4750 Seminar in Religious Studies-CTW (3)
2. Required Course (3)
    - RELS 3270 World Religions (3)
3. Electives (15)

Students must take an additional 15 credit hours in RelS courses at the 3000 and 4000 level to complete the major. Of these 15 hours, up to six semester hours may be taken in the following upper-division courses taught outside the Department of Religious Studies: AH 4020, AH 4200, CLAS 2202, CLAS 2203, ENGL 4000, HIST 3510, HIST 3780, HIST 4530, MUS 4300, POLS 4285, SOCI 3228, SOCI 4360.

Area H: Minor and Additional Courses

1. Students majoring in religious studies are not required to take a minor.
2. Additional courses not in the major must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. The department strongly recommends that religious studies majors take the fourth semester of a foreign language as an elective course.

Minor in Religious Studies

Students who wish to minor in religious studies must take at least 15 hours in courses with a RelS prefix,

including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in RelS courses may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.)

Dual B.A./M.A. Program in Religious Studies

The department offers a dual Bachelor of Arts and Master of Arts in Religious Studies. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3520 Sociology

Programs Offered:

- **Bachelor of Arts in Sociology**
- **General Program in Sociology**
    - **Concentration in Family**
    - **Concentration in Gender and Sexuality**
    - **Concentration in Gerontology**
    - **Concentration in Race and Urban Studies**
- **Minor in Sociology**
- **Dual B.A./M.A. in Gerontology**
- **Dual B.A./M.A. in Sociology**

Department of Sociology
1041 Langdale Hall
404/413-6500
sociology.gsu.edu

Dawn Baunach, Interim Chair
Deirdre Oakley, Undergraduate Director
Jamie Hayes, Undergraduate Advisor

Sociologists study power dynamics as they relate to family life, race, gender, class, sexuality, deviance, selfhood, social change, urbanization, aging, birth and death, and a host of applied topics. Students majoring in sociology explore the ways in which individual agency affects and is limited by social structures.

Students majoring in sociology may choose one of six programs of study. Majors can follow the general program in sociology, or they can select a concentration in family, race and urban studies, gender and sexuality, or gerontology. Students completing concentrations are awarded a certificate in their area of concentration from either the Department of Sociology or the Gerontology Institute. Students wishing to be sociology majors must first be advised by the sociology undergraduate advisor.

Visit the major maps for this program at cas.gsu.edu/major/sociology/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Academic Regulations

A grade of C or higher is required in all courses counting toward the major.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Sociology

Area F: Courses Appropriate to the Major (18)

1. Required Courses (9)
    - SOCI 1101 Introduction to Sociology (3)*
    - SOCI 1160 Introduction to Social Problems (3)
    - Lang 1002 Elementary Foreign Language II (3) (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)

* NOTE: SOCI 1101 is a prerequisite for many upper-level courses, including SOCI 3030 Sociological Theory.

2. Select additional courses to complete the 18 hours in Area F from the following: AAS 1140, AAS 2010, ANTH 1102, ANTH 2010, ANTH 2020, ANTH 2030, BIOL 1103K, BIOL 1104K, BIOL 1110K, BIOL 1120K, BIOL 2107K, BIOL 2108K, BIOL 2240, BIOL 2300, BIOL 2800, CHEM 1050, CHEM 1151K, CHEM 1152K, CHEM 1211K, CHEM 1212K, CRJU 2200, CSC 1010, CSC 1310, CSC 2010, CSC 2301 CSC 2310, CSC 2510, ECON 2100, ECON 2105, ECON 2106, EDUC 2120, EDUC 2152, EPY 2050, FORL 2101, FORL 2102, GEOG 1101, HIST 1111, HIST 1112, HIST 1140, HIST 2110, LT 2010, Lang 1001, Lang 2001, Lang 2002, MATH 1070, MATH 1111, MATH 1113, MATH 1220, MATH 2008, MATH 2211, MATH 2212, MATH 2215, MATH 2420, PHIL 2010, PHIL 1010, PHIL 2050, POLS 1101, POLS 2101, POLS 2401, PSYC 1100, PSYC 1101, PSYC 2030, PSYC 2040, PSYC 2070, PSYC 2080, PSYC 2101, PSYC 2103, RELS 2001, SPCH 1010, SPCH 1500, SPCH 2710, SW 2000, WGSS 2010.

Area G: Major Courses (30)

A grade of C or higher is required in all major courses. 30 credit hours of 3000-4000 level courses are required for the general program, family concentration, gender and sexuality concentration, and race and urban studies concentration. 33 credit hours of 3000-4000 level courses are required for the gerontology concentration.

General Program in Sociology (30)

1. Required Courses to fulfill CTW requirement (6)
    - SOCI 3020 Social Research Methods-CTW (3)
    - And one of the following (SOCI 1101 must be taken before the second CTW course):
        - SOCI 4800 Critical Thinking through Writing in General Sociology (3) or
        - SOCI 4801 Critical Thinking through Writing in Families, Health, and the Life Course (3) or
        - SOCI 4802 Critical Thinking through Writing in Gender and Sexuality (3) or
        - SOCI 4803 Critical Thinking through Writing in Race and Urban Studies (3)
2. Major Requirements (9)
    - SOCI 3010 Social Statistics (3)
    - SOCI 3030 Sociological Theory (3) (SOCI 1101 is a prerequisite for this course.)
    - SOCI 3201 Wealth, Power, and Inequality (3)

NOTES: Students must take SOCI 3010 and SOCI 3020 in sequence, beginning with 3010, and may not take these courses during the same term. SOCI 3020 and SOCI 3030 are not offered in the summer semester.

Students who decide to major in Sociology after completing PSYC 3510 may use it for credit toward SOCI 3010. SOCI 3020 cannot be replaced with a methods course from another discipline.

3. Select an additional 15 hours in sociology courses at the 3000 level or above. (15)

NOTE: SOCI 4980 (Internship) credit may be applied toward the general program in this section or Area H.

Family Concentration (30)

The family concentration provides students with a comprehensive educational and training curriculum in the study of the family. The concentration is appropriate for students who plan to pursue careers in public and private agencies concerned with the family and family problems. This concentration is also appropriate for students preparing for admission to graduate or professional programs in a variety of fields (e.g., sociology, social work, family studies, or health science). Students completing the concentration are awarded a certificate in family sociology by the Department of Sociology.

1. Required courses to fulfill CTW requirement (6)
    - SOCI 3020 Social Research Methods-CTW (3)
    - And one of the following:
        - SOCI 4800 Critical Thinking through Writing in General Sociology (3) or
        - SOCI 4801 Critical Thinking through Writing in Families, Health, and the Life Course (3) or
        - SOCI 4802 Critical Thinking through Writing in Gender and Sexuality (3) or
        - SOCI 4803 Critical Thinking through Writing in Race and Urban Studies (3)
2. Major Requirements (9)
    - Same as in section 2 of General Program in Sociology, described above
3. Family Core Course (3)
    - SOCI 3101 Families and Society (3)
4. Select one course from the following list. (3)
    - SOCI 3152 Birth and Parenthood (3)
    - SOCI 3162 African-American Family (3)
    - SOCI 4150 Sexual and Intimate Violence (3)
5. Select two courses from the list below. (6)
    - SOCI 3040 Cognition and Society (3)
    - SOCI 3110 Identity, Self, and Social Interaction (3)
    - SOCI 3156 Sexuality and Society (3)
    - SOCI 3212 Race and Ethnic Relations (3)
    - SOCI 3216 Gender and Society (3)
    - SOCI 3232 Poverty and Welfare (3)
    - SOCI 3346 Drug Use and Abuse (3)
    - SOCI 3352 Mental Illness in the United States (3)
    - SOCI 3356 Queer Identities (3)

    - SOCI 4119 Global Aging and Families (3)
    - SOCI 4116 Aging and Society (3)
    - SOCI 4122 Death, Dying and Loss (3)
    - SOCI 4230 Sociology of Health and Illness (3)
    - SOCI 4310 Issues in the African-American Community (3)
    - SOCI 4315 Girls (3)
    - SOCI 4380 Educational Sociology (3)
6. SOCI 4980 Internship (3-6)

Gender and Sexuality Concentration (30)

This concentration provides students with a comprehensive educational and training curriculum in the study of gender and sexuality. It is appropriate for students who wish to pursue careers in public and private agencies dealing with issues such as domestic violence, sexual assault, legal equity and equal access issues, sexual health and education, and procreative issues. The concentration is also appropriate for students preparing for admission to graduate or professional programs in a variety of fields (e.g., sociology, social work, health sciences, family studies, or women's studies). Students completing the gender and sexuality concentration will be awarded a certificate by the Department of Sociology.

1. Required Courses to fulfill CTW requirement (6)
    - SOCI 3020 Social Research Methods-CTW (3)
    - And one of the following:
        - SOCI 4800 Critical Thinking through Writing in General Sociology (3) or
        - SOCI 4801 Critical Thinking through Writing in Families, Health, and the Life Course (3) or
        - SOCI 4802 Critical Thinking through Writing in Gender and Sexuality (3) or
        - SOCI 4803 Critical Thinking through Writing in Race and Urban Studies (3)
2. Major Requirements (9)
    - Same as in section 2 of General Program in Sociology, described above
3. Gender and Sexuality Core Courses (6)
    - SOCI 3156 Sexuality and Sociology (3)
    - SOCI 3216 Gender and Society (3)
4. Select two courses from the list below. (6)
    - SOCI 3040 Cognition and Society (3)
    - SOCI 3101 Families and Society (3)
    - SOCI 3110 Identity, Self, and Social Interaction (3)
    - SOCI 3152 Birth and Parenthood (3)
    - SOCI 3208 Work and Employment (3)
    - SOCI 3232 Poverty and Welfare (3)
    - SOCI 3340 Population Problems (3)
    - SOCI 3352 Mental Illness in the United States (3)
    - SOCI 3354 Sociology of Popular Culture (3)
    - SOCI 3356 Queer Identities (3)
    - SOCI 4050 Global Perspectives on Violence Against Women (3)
    - SOCI 4150 Sexual and Intimate Violence (3)
    - SOCI 4218 Power and Politics (3)
    - SOCI 4230 Sociology of Health and Illness (3)

    - SOCI 4311 African-American Male/Female Relationships (3)
    - SOCI 4312 African-American Women in the U.S. (3)
    - SOCI 4315 Girls (3)
    - SOCI 4366 Law and Society (3)
5. SOCI 4980 Internship (3-6)

Gerontology Concentration (33)

The gerontology concentration is designed to prepare students for admission to graduate and professional programs in a variety of fields that focus on issues of aging (e.g., sociology, social work, psychology, nursing, medicine, and public administration). The concentration also prepares students for careers and occupations that center around older persons (e.g., in senior centers, nursing homes, retirement residences, nutrition programs, and volunteer programs.) Completion of the concentration qualifies students for a certificate in gerontology. Students who wish to earn the certificate must apply to the program through the university's Gerontology Institute, 605 One Park Place, as soon as the concentration is selected.

1. Required Courses to fulfill CTW requirement (6)
    - SOCI 3020 Social Research Methods-CTW (3)
    - And one of the following:
        - SOCI 4800 Critical Thinking through Writing in General Sociology (3) or
        - SOCI 4801 Critical Thinking through Writing in Families, Health, and the Life Course (3) or
        - SOCI 4802 Critical Thinking through Writing in Gender and Sexuality (3) or
        - SOCI 4803 Critical Thinking through Writing in Race and Urban Studies (3)
2. Major Requirements (9)
    - Same as in section 2 of General Program in Sociology, described above
3. Gerontology Requirements. (9)
    - GERO 4200 Health and the Older Adult (3)
    - GERO 4610 Psychology of Aging (3) (Prerequisite: Psyc 1101)
    - SOCI 4116 Aging and Society (3)
4. Select one course. (3)
    - SOCI 4110 Aging Policy and Services (3)
    - SW 4260 Aging Practice, Policy and Research Issues (3)
5. Select one course. (3)
    - GERO 4475 Communication and Aging (3)
    - GERO 4500 Anthropology of Aging (3)
    - SOCI 4110 Aging Policy and Services (3) (if not taken in section 3 above)
    - SOCI 4122 Death, Dying, and Loss (3)
    - SW 4260 Aging Practice, Policy and Research Issues (3) (if not taken in section 3 above)
6. GERO 4910 Gerontology Internship (3-6)

Race and Urban Studies Concentration (30)

The race and urban studies concentration is designed to provide students with an understanding of the various social forces which shape race relations, urban politics, social inequality, and the ever changing relationship between city and suburb. This concentration is appropriate for students seeking training in

careers or activism in non-profit organizations, city or state government, housing and urban advocacy organizations, social justice institutes, or any private organization that focuses on social or racial inequality. The program is of particular relevance to students preparing for admission to graduate or professional programs in a variety of fields (e.g., law, sociology, urban planning, and public health). Students completing the concentration are awarded a certificate in race and urban studies by the Department of Sociology.

1. Required Courses to fulfill CTW requirement (6)
    - SOCI 3020 Social Research Methods-CTW (3)
    - And one of the following:
        - SOCI 4800 Critical Thinking through Writing in General Sociology (3) or
        - SOCI 4801 Critical Thinking through Writing in Families, Health, and the Life Course (3) or
        - SOCI 4802 Critical Thinking through Writing in Gender and Sexuality (3) or
        - SOCI 4803 Critical Thinking through Writing in Race and Urban Studies (3)
2. Major Requirements (9)
    - Same as in section 2 of General Program in Sociology, described above
3. Race and Urban Studies Core Courses (6)
    - SOCI 3212 Race and Ethnic Relations (3)
    - SOCI 4226 Urban Sociology (3)
4. Select two courses (6)
    - SOCI 3040 Cognition and Society (3)
    - SOCI 3208 Work and Employment (3)
    - SOCI 3220 Activism, Protest, and Revolution (3)
    - SOCI 3222 Deviant Behavior (3)
    - SOCI 3224 Crime and Punishment (3)
    - SOCI 3225 Youth and Crime (3)
    - SOCI 3228 The Holocaust (3)
    - SOCI 3232 Poverty and Welfare (3)
    - SOCI 3340 Population Problems (3)
    - SOCI 3346 Drug Use and Abuse (3)
    - SOCI 3350 Social Change and the Future (3)
    - SOCI 3354 Sociology of Popular Culture (3)
    - SOCI 4218 Power and Politics (3)
    - SOCI 4230 Sociology of Health and Illness (3)
    - SOCI 4279 Metropolitan Atlanta (3)
    - SOCI 4310 Issues in the African-American Community (3)
    - SOCI 4312 African-American Women in the United States (3)
    - SOCI 4360 Religion and Society (3)
    - SOCI 4366 Law and Society (3)
    - SOCI 4380 Educational Sociology (3)
5. SOCI 4980 Internship (3-6)

Area H: Minor and Additional Courses

1. Students majoring in sociology are not required to take a minor.
2. Additional courses not in the major must be taken as electives to complete a minimum of 120

semester hours, exclusive of KH 1010.

Minor in Sociology

Students who wish to minor in sociology must take 15-18 hours in courses in sociology, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in sociology may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.) Students wishing to minor in sociology may seek advisement from the sociology undergraduate advisor.

Dual B.A./M.A. Programs

The department offers a dual Bachelor of Arts and either a Master of Arts in Sociology or Master of Arts in Gerontology. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Sociology Club and Honor Society

The department sponsors a Sociology Club. The club is an academic, social and service organization. Interested students are encouraged to participate. Additional information can be obtained from the university student organization website (gsu.orgsync.com) or by contacting Dr. Maura Ryan at mryan@gsu.edu.

Graduation with Distinction in the Major

This program offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the program director for the specific criteria for this honor.

3530 Spanish

Programs Offered:

- **Bachelor of Arts in Spanish**
  - **Concentration in Language, Culture, and Society**
  - **Concentration in Language and International Business**
  - **Concentration in Foreign Language Education**
- **Bachelor of Arts Major in International Economics and Modern Languages**
- **Minor in Spanish**
- **Dual B.A./M.A. Program in Spanish**

Department of World Languages and Cultures
841 Langdale Hall
404/413-5980
wlc.gsu.edu

William Nichols, Chair
Germán Torres, Associate Chair
Leslie Marsh, Undergraduate Director
Victoria Rodrigo, Head of Spanish section and Advisor
Peter Swanson, Director of Foreign Language Education and Advisor

The Department of World Languages and Cultures serves a threefold purpose: to encourage an appreciation of humanistic values through the study of foreign languages, literatures, and cultures; to teach foreign languages as a means of communication; and to prepare students for academic careers and the opportunities available in the field of international business. As part of a dynamic urban university in a city of growing international awareness and status, the department is fulfilling its responsibility to meet the increasing foreign language needs of the governmental, business, and professional communities.

The department recognizes that an active command of the foreign language and a thorough exploration of the foreign culture form an essential basis for further study in the various areas of its curriculum. To this end, the department sponsors study-abroad programs in Granada (Spain) and Costa Rica.

The department maintains a state-of-the-art multimedia Language Acquisition and Resource Center (LARC) with a digital audio laboratory with 50 student computer workstations. The digital lab serves a dual purpose in allowing both independent student access to digitized audio files and interactive software that accompanies the language texts, and also in providing a multimedia environment for teacher-led listening, speaking, and recording activities. In addition to the audio lab, the LARC features a tutoring center and resource library, as well as 17 stand-alone computers for student use. To assist in the development of the student's active language skills and to provide added cultural enrichment, the LARC contains a wide range of audiovisual materials, including an extensive collection of videos, CD-ROMs and DVDs.

The department sponsors two Freshman Learning Communities each year. One group is designed for students interested in using their foreign language in international business. The other, sponsored jointly by the Department of Applied Linguistics/ESL, is in Language Studies.

For students who hope to teach at the K-12 levels, the department offers Spanish with a concentration that leads to certification.

For students who view language study as a preparation for a career in the business world, the department has two special programs: a concentration in the business language of Spanish, and a practicum in an internationally oriented business or service organization in the metro area for qualified and interested students in their senior year. The department also offers the Bachelor of Arts Major in International Economics and Modern Languages (IEML), in collaboration with the Andrew Young School of Policy Studies.

The department is also a testing center for diplomas certifying proficiency in business language and procedures. These diplomas are granted by chambers of commerce in various countries.

All Spanish majors are encouraged to consult regularly with their departmental advisor in designing and following a program of study that fits their own career objective and the requirements of their particular concentration.

Visit the major maps for this program at cas.gsu.edu/major/spanish/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

In addition to courses in the language major, you are advised to choose courses in other areas that complement your language study. Such courses include other languages, history, philosophy, art and music, business, and education. Faculty advisors in the department are eager to discuss your academic plans with you as you design your course of study.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Program Financial Information

Effective summer 2009, lab fees will be assessed automatically for students who register for certain courses. As a result, students will no longer be required to purchase lab fee cards. For more information, please feel free to contact the department or review the GoSolar or catalog course listings to determine if a course includes a lab fee.

B.A. in Spanish

Area F: Courses Appropriate to the Major (18)

The following requirements and options are appropriate for majors in Spanish.

1. Majors must achieve competence at the intermediate level before beginning courses at the 3000 level. They may demonstrate competence through placement exam scores, including the CLEP exam, prior study, or courses taken at Georgia State University. The following may be counted in Area F, as required (0-12 hours): SPAN 1002, SPAN 2001, SPAN 2002, SPAN 2203 or SPAN 2501

.

2. Students may complete Area F with any combination of the following (0-18 hours):
    a. Any courses in other foreign languages, 1001-2501 level.
    b. Electives in the Department of World Languages and Cultures: CLAS 2201, CLAS 2202, CLAS 2203, FREN 2212, FREN 2216, SPAN 2203 or SPAN 2501.
    c. Electives in other departments:AL 2101, AL 2102, ANTH 2020, AH 1700, AH 1750, ECON 2105, ECON 2106, ENGL 2110, ENGL 2120, ENGL 2130, EDUC 2110, EDUC 2120, EDUC 2130, FILM 1010, HIST 1111, HIST 1112, JOUR 1010, PHIL 2010, POLS 2401, WGSS 2010

Area G: Major Courses (30)

The major in Spanish consists of 30 hours (ten courses) at the 3000/4000 level. Prerequisite for all courses at the 4000 level is the successful completion of 3303 and at least 1 other course at the 3000 level.

1. Major Requirements (9)
    - SPAN 3303 Advanced Grammar I (3) ***or*** Span 3501 Advanced Spanish for Heritage Speakers (3)
    - SPAN 3304 Writing-CTW (3)
    - SPAN 3310 Hispanic Culture and Civilization-CTW (3)
2. Concentration Requirements (21)
    - **Language, Culture and Society Concentration** (21)
        1. Four literature and/or culture courses above Span 3314. (12)
        2. Three additional courses in Spanish at the 3000-4000 level. (9)
    - **Language and International Business Concentration** (21)
        - SPAN 4405 Spanish for International Business I (3)
        - SPAN 4407 Spanish for International Business II (3)
        - Select one of the following courses (3):
            - SPAN 4409 Techniques of Translation
            - SPAN 4445 Literature for Students of International Business
            - BUSA 3000 Globalization and Business Practice (when taught in Spanish)
        - One literature and/or culture course above SPAN 3314 (3)
        - Three additional courses in Spanish at the 3000-4000 level. (9)
3. **Foreign Language Education Concentration (21)**
    - SPAN 3301 Advanced Conversation and Reading (3) (non-native speakers only; others must take an additional course at the 3000-4000 level)
    - A 4000-level Culture course (3)
    - Two literature and/or culture courses above SPAN 3314 (6)
    - Three additional courses in Spanish at the 3000-4000 level (9). (Span 3308 Introduction to Spanish Linguistics recommended).

Area H: Minor and Additional Courses

1. Foreign language majors are not required to take a minor. Foreign language majors who choose a minor in other departments/schools/institutes are encouraged to select courses that are appropriate to their area of concentration. Students are also urged to consider combining their major with a second major in another language or another discipline under the Double Major option.

2. Additional courses must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010. Up to six additional hours may be taken in the major.

Requirements for Teacher Certification

Students who wish to be certified to teach Spanish in the public schools of Georgia should choose the courses listed under the "Foreign Language Education Concentration" above and the following methodology courses in the Department of World Languages and Cultures: ForL 3022, 4021, 4025, 4026, and 4030. All students will register for Opening School Experience (ForL 4650) and Student Teaching (ForL 4061/4062/4063). All students seeking teaching certification in Spanish must pass the following courses in the College of Education and Human Development with a grade of C or higher: EDUC 2110, EDUC 2120, EDUC 2130, and EXC 4020.

Students must apply formally and be admitted to the Teacher Education program in foreign languages. For the application forms, please go to the Department of World Languages and Cultures' website under Teacher Certification and then Program Information. To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

To qualify for the Student Teaching experience, students must receive a grade of B or higher on a departmental test of oral and written proficiency in Spanish. Specific information about date and place of these exams is available in the department office (841 LH).

In order to be recommended for K-12 certification in Spanish, students must complete all courses taken in the Department of World Languages and Cultures (the major and ForL courses) with a grade of B or higher.

Georgia Assessments for the Certification of Educators (GACE)

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments: Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed

the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment: Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the BIS program while continuing to complete teacher certification requirements for edTPA.

Bachelor of Arts Major in International Economics and Modern Languages

Students majoring in this IEML program with a Spanish concentration should contact the Andrew Young School of Policy studies for advisement. Information for this program is available at www.aysps.gsu.edu/oaa.

Program Admission

There are no admission requirements above the requirements for admission to the University for enrollment in the B. A. program with a major in international economics and modern languages.

Program Financial Information

There are no additional fees other than the tuition and fees charged by the University for enrollment in this program.

Program Degree Requirements

For degree credit, a minimum grade of C must be attained in ENGL 1101 and ENGL 1102 and all courses in the economics common core curriculum and modern languages core curriculum.

Complete descriptions of requirements for Areas A through E of the Undergraduate Core Curriculum can be found in the "University Degree Requirements and Graduation" chapter of this catalog. The number of semester credit hours required for each section is shown in parentheses.

Area F: Courses Appropriate to the Major (18)

- ECON 2105 Principles of Macroeconomics (3)
- ECON 2106 Principles of Microeconomics (3)
- MATH 1070 Elementary Statistics (3)- If taken in Area D, a 1000/2000 level elective from Areas A-E may be substituted.
- SPAN 2001 Intermediate Spanish I (3)
- SPAN 2002 Intermediate Spanish II (3)

Note: Students who have not already attained elementary-level proficiency in Spanish will be required to take prerequisite courses: SPAN 1001 and/or SPAN 1002. In that case, the 1002 language course may be used to satisfy 3 credit hours of core requirements in Area C, Humanities and Fine Arts. Students with a concentration in Spanish must complete SPAN 2203/SPAN 2501 as their Area F elective.

Students who have already attained intermediate-level competency in Spanish may substitute 1000/2000 level courses in another language for Fren, Grmn or Span 2001/2002 (or SPAN 2203 or SPAN 2501) upon approval of the Department of World Languages and Cultures advisor.

Elective: one 1000/2000-level course chosen from Areas A-E.

Area G: Economics Common Core Curriculum (24) A minimum grade of C is required for all courses in this area.

- ECON 3900 Macroeconomics (3)
- ECON 3910 Microeconomics (3)
- ECON 4600 Economic Development (3)
- ECON 4800 International Trade (3)
- ECON 4810 International Finance (3)
- Choose 3 elective 4000-level Econ courses (9)

Area H: Modern Languages Common Core (24) A minimum grade of C is required for all courses in this area.

1. SPAN 3303 Advanced Grammar (3) or SPAN 3501 Advanced Spanish for Heritage Speakers
    - SPAN 3310 Hispanic Culture – CTW (3)
    - SPAN 3314 Survey of Hispanic Literatures and Cultures (3)
    - SPAN 4405 Spanish for International Business I (3)
    - SPAN 4407 Spanish for International Business II (3)
    - SPAN 4409 Techniques of Translation (3)
2. Select one of the following courses (3)
    - SPAN 4445 Literature for Students of International Business (3)
    - BUSA 3000 Globalization and Business Practice (3) (when taught in Spanish)
3. Choose one other Span 3000/Span 4000 course (3)

Area I: Electives (12) Choose any four 3000/4000-level courses, in consultation with the faculty advisor.

Minor in Spanish

Students who wish to minor in Spanish must take 15-18 hours in courses in the language, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours of courses in the language may count the additional hours toward their electives or may consider completing a double major. A grade of C or higher is required in all courses counting toward the minor.

Dual B.A./M.A. Program in Spanish

The department offers a dual Bachelor of Arts and Master of Arts in Spanish. The dual degree opportunity enables qualified students to enroll in graduate courses late in their undergraduate program and apply the coursework toward both the bachelor's and master's programs.

Students must be formally accepted into the dual degree program by the department and College of Arts and Sciences to be able to take graduate courses as an undergraduate. Additionally, acceptance into the dual program does not constitute admission to the master's program. Students must fulfill regular graduate admissions requirements and apply for the master's program following college processes.

Information about the dual program, including application instructions and program requirements, can be found at cas.gsu.edu/dual-degrees/.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3540 Speech

Programs Offered:

- **Bachelor of Arts in Speech**
- **Minor in Speech**

Department of Communication
8th floor, 25 Park Place
404/413-5600
communication.gsu.edu

Greg Lisby, Chair
Jaye Atkinson and Greg Smith, Associate Chairs
Doug Barthlow, Undergraduate Advisor

Speech communication explores the construction, diffusion, analysis, and impact of messages as they occur among individuals, groups, organizations, and cultures in the media age. Students begin the major with courses in interpersonal communication, argumentation, and public speaking. The core of the speech major focuses on how people develop communication skills, how we study communication phenomena, how we critically examine particular communication events, and how various persuasive tactics may influence members of diverse and globalized societies. Elective courses examine such areas as protest rhetoric, communication of identities, political campaigns, media and politics, visual communication, communication styles, communication disorders, intercultural communication, and the dark side of interpersonal relationships.

The concepts and skills provided by the major in speech form a strong, liberal arts foundation for a wide variety of occupations (e.g., business, law, politics, teaching, the ministry, public relations, marketing, and communication campaigns).

Credit for special projects and internships is available. Internships enable students who already have completed the appropriate course work and have met departmental eligibility criteria to take advantage of expertise in a variety of professional sectors in the metropolitan area and to tailor programs to their specific career goals.

Visit the major maps for this program at cas.gsu.edu/major/speech/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Speech

Area F: Courses Appropriate to the Major Field (18)

1. Lang 1002 Elementary Foreign Language II (3)
   (See "Foreign Language Requirement for B.A. and B.I.S. Majors," previously described.)
2. Required Courses (minimum grade of C required) (11)
   - SPCH 1000 Human Communication (2)
   - SPCH 1500 Public Speaking (3)
   - SPCH 2650 Interpersonal Communication (3)
   - SPCH 2710 Argumentation (3)
3. Select two additional courses at the 1000/2000 level listed in Area B (Institutional Options) of the undergraduate core curriculum. (4) Courses can be drawn from the areas of Critical Thinking, Perspectives on Comparative Culture, or Scientific Perspectives on Global Problems.

Area G: Major Courses (24)

A grade of C or higher is required in all major courses.

1. Required Courses to fulfill CTW requirement (6)
   - SPCH 3250 Persuasion-CTW (3)
   - SPCH 4800 Communication and Diversity-CTW (3)
2. Major Requirements (9)
   - SPCH 3050 Speech Communication Research Methods (3)
   - SPCH 4400 Development of Communication and Language Across the Lifespan (3)
   - SPCH 4450 Rhetorical Theory and Criticism (3)
3. Elective Courses (9)
   - SPCH 3000 Phonetics (3)
   - SPCH 3010 Advanced Public Speaking (3)
   - SPCH 3040 Communicating Environmental Issues (3)
   - SPCH 3060 Communication Law and Regulation (3)
   - SPCH 3450 Nonverbal Communication (3)
   - SPCH 3510 Principles of Debate (3)
   - SPCH 3690 Honors Reading (1-3)
   - SPCH 3750 Intercultural Communication (3)
   - SPCH 4410 Communication Disorders (3)
   - SPCH 4475 Communication and Aging (3)
   - SPCH 4480 Political Campaign Communication (3)
   - SPCH 4485 Presidential Rhetoric (3)
   - SPCH 4490 Communication and Gender (3)
   - SPCH 4500 Visual Communication (3)
   - SPCH 4510 Media and Politics (3)
   - SPCH 4515 Communication Identities (3)
   - SPCH 4520 African American Rhetoric (3)
   - SPCH 4530 Voices of African American Feminists (3)
   - SPCH 4540 Mediation and Conflict Resolution (3)
   - SPCH 4550 Communication Styles (3)
   - SPCH 4560 Health Communication (3)
   - SPCH 4610 The Rhetoric of American Issues (3)
   - SPCH 4870 Honors Thesis: Research (3)
   - SPCH 4880 Honors Thesis: Writing (3-6)

- SPCH 4890 Special Project (3)
- SPCH 4980 Internship (3)
- SPCH 4995 Directed Readings BIS-CTW (3-4)

Area H: Minor and Additional Courses

1. Majors in the Department of Communication's three B.A. programs must select a minor consisting of at least 15 hours of courses in a discipline within the Department of Communication other than the major (journalism, film/video, or speech) or in another academic department/school/institute that offers a baccalaureate degree. At least nine semester hours of minor courses must be at the 3000 level or above, unless otherwise specified by the minor-granting department/school/institute. A grade of C or higher is required in all minor courses.
2. Additional courses from departments/schools/institutes other than the major must be taken to complete a minimum of 120 semester hours exclusive of KH 1010.

Minor in Speech

Students who wish to minor in one of the department's three programs must take 15-18 hours in the specific area, including at least nine semester hours at the 3000 level or above. Students taking more than 15 hours in courses in the specific area may count the additional hours toward their electives or may consider completing a double major. (A grade of C or higher is required in all courses counting toward the minor.)

3550 Teacher Preparation Programs

Pre-Education Program Offerings:

The social science departments of the College of Arts and Sciences offer two different pre-education tracks:

- Bachelor of Arts in African-American Studies (Section 3090)
- Bachelor of Arts in History (Section 3320)

Students interested in pre-education are encouraged to consult these sections of this catalog.

The pre-education programs in these departments are for students who plan to teach social studies at the high school level. To be certified to teach, students in this program must complete the initial teacher preparation Master of Arts in Teaching (M.A.T.) Program in Social Studies Education in the College of Education and Human Development (or a similar master's level initial preparation program at another university).

Education Program Offerings:

These departments offer programs in education. Students interested in a career in education are encouraged to consult these sections of this catalog.

- Department of World Languages and Cultures
    - Bachelor of Arts in French with a concentration in Foreign Language Education (section 3280)
    - Bachelor of Arts in German with a concentration in Foreign Language Education (section 3300)
    - Bachelor of Arts in Spanish with a concentration in Foreign Language Education (section 3530)
    - Bachelor of Interdisciplinary Studies with a Concentration in Classical Studies (section 3190)
- Department of Physics and Astronomy
    - Bachelor of Science in Physics with a concentration in education (section 3460)
    - Dual Degree Programs: B.S. Physics with the M.A.T. Science Education (section 3460)
- The Ernest G. Welch School of Art and Design
    - Bachelor of Fine Arts in Art Education
- School of Music
    - Bachelor of Music with a concentration in Music Education (section 3440)

To apply, students must have:

- earned a 2.5 overall cumulative GPA,
- passed [Combined Test I, II, and III (700)] or been exempted from the GACE Program Admission Assessment. When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment; and
- completed the Georgia Educator Ethics – Program Entry (350) Assessment; though there is no

"Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Additional admission requirements may apply, please the program sections in the catalog.

Georgia Assessments for the Certification of Educators (GACE):

The state of Georgia requires such candidates to take various GACE and Educator Ethics assessments as part of the educator certification process. These computer-delivered assessments have been developed by the Georgia Professional Standards Commission (GaPSC) and are delivered by the Education Testing Service (ETS). You will take these tests at different times.

Program Admission and Content Assessments:

Program Admission Assessment [Combined Test I, II, and III (700)] is an admission requirement (unless candidate meets qualifications for exemption – scroll down to "Options to Satisfy the Program Admission Assessment Requirement"). When registering for the assessment, program entry candidates must add your program provider (Georgia State University – school code 5090) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Content Assessment (different content assessments for each program) tests your content knowledge and is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

Georgia Educator Ethics Assessment:

Georgia Educator Ethics – Program Entry (350) Assessment is an admission requirement. Completion of this assessment is required for admission, though there is no "Pass/Fail" grade assigned. Program entry candidates must add your program provider (Georgia State University) as a score recipient when you register or we will not receive notification that you have completed the assessment.

Georgia Educator Ethics – Program Exit (360) Assessment is taken after enrollment and prior to program completion. You will receive specific information regarding this test as you near completion of your program (required for certification).

edTPA

edTPA is a preservice assessment process designed by educators to answer the essential question: "Is a new teacher ready for the job?" edTPA includes a review of a teacher candidate's authentic teaching materials as the culmination of a teaching and learning process that documents and demonstrates each candidate's ability to effectively teach his/her subject matter to all students.

edTPA is a program completion and teacher certification requirement. Students may graduate from the Art Education program while continuing to complete teacher certification requirements for edTPA.

3560 Theatre

Programs Offered:

- **Bachelor of Interdisciplinary Studies in Theatre**
    - **Concentration in Performance Studies**
    - **Concentration in Design and Production**
- **Minor in Theatre**

The BIS in theatre focuses on the history, theory and practice of creating live theatrical performance. Theatre courses are designed to promote the artistic development of students whose interests and talents will lead them to careers in theatre or allied arts, and to help students with other vocational interests to understand and appreciate the cultural heritage represented in drama and to improve their oral communication skills. The University Theatre and the Georgia State University Players afford majors practical experience through participation in productions. Credit for special projects and internships is available so students can take advantage of the expertise in the professional sector of the metropolitan area and to tailor programs to their specific career goals.

Program Admission

A 2.0 Georgia State University GPA is required in order to apply to the program. Application materials can be obtained from the Office of Academic Assistance, 418 Langdale Hall, 404/413-5000. Students should apply to the program by the time they have earned 42 credit hours to avoid a delay in graduation. Theatre faculty in the Department of Communication are available to advise for the BIS in Theatre degree.

Program Degree Requirements

Please refer to the Bachelor of Interdisciplinary Studies section 3030.30 of this catalog for academic regulations for this program.

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

Courses used to fulfill the two Critical Thinking Through Writing (CTW) courses for each B.I.S. program will not count towards the rules of Area G — no more than three to four 3-4 credit hour courses (12 hours) from a single discipline — nor of Area H — no more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

Bachelor of Interdisciplinary Studies in Theatre

Area F. Courses appropriate to the major (18)

These courses are required for all Theatre students, regardless of concentration.

1. Required Courses (12)
    - PERS 2001 Perspectives in International Drama (2)
    - THEA 1010 Theatrical Design and Production (4)

    - THEA 2210 Acting I (3)
    - Language 1002
2. Select two courses. (6)
   (Be sure to take prerequisites for desired Allied Field courses if not already taken for Areas A-E)

    - AH 1700 Survey of Art I. History of Western Art I: Prehistoric through Medieval Art (3)
    - AH 1750 Survey of Art II. History of Western Art II: The Renaissance through Contemporary Art (3)
    - ART 1010 Drawing I (3)
    - ART 1020 Two-Dimensional Design (3)
    - ART 1030 Three-Dimensional Design (3)
    - DPP 2100 Advanced Drawing (3)
    - ENGL 2120 British Literature (3)
    - ENGL 2130 American Literature (3)
    - FILM 1010 Film Aesthetics and Analysis (3)
    - FILM 2700 History of Motion Pictures (3)
    - SPCH 1010 Voice and Articulation (3)

Performance Studies Concentration

Area G. Area of Concentration – Performance Studies (27-28)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Courses to fulfill CTW requirement (6)
    - THEA 3100 Play Analysis-CTW (3)
    - THEA 4070 Western Theatre History-CTW (3)
2. Required Courses (12)
    - THEA 3210 Acting II (3)
    - THEA 4210 Acting Styles (3) (Note: This course may be repeated up to three times under different topics as part of the Allied Field or Electives)
    - THEA 4760 Performance Theory and Practice (3)
    - THEA 4850 Directing (3)
3. Select three courses. (9-10)
    - AAS 4650 African-American Theatre (3)
    - ENGL 3150A Introduction to Creative Writing — Poetry (3)
    - ENGL 3150B Introduction to Creative Writing — Fiction (3)
    - ENGL 3160 Narrative Techniques (3)
    - ENGL 3170 Poetic Techniques (3)
    - ENGL 3280 English Drama (3)
    - ENGL 3860 American Drama (3)
    - ENGL 3930 Modern Drama (3)
    - ENGL 4130 Shakespeare: Early Works (3)
    - ENGL 4140 Shakespeare: LaterWorks (3)
    - ENGL 4310A Senior Seminar: Workshop in Poetry-CTW (3)
    - ENGL 4310B Senior Seminar: Workshop in Fiction-CTW (3)
    - FILM 3300 Dramatic Writing for Stage and Screen (3)

- FILM 4000 Acting for the Camera (4)
- FILM 4310 Feature Screenwriting I (3)
- FILM 4320 Feature Screenwriting II (3)
- FOLK 3000 American Folklore (3)
- SPCH 3000 Phonetics (3)
- SPCH 3010 Advanced Public Speaking (3) (Prereq: Spch 1000 or 1500)
- SPCH 3450 Nonverbal Communication (3)
- SPCH 3750 Intercultural Communication (3)
- SPCH 4490 Communication and Gender (3)
- SPCH 4500 Visual Communication (3)
- SPCH 4550 Communication Styles (3)

Area H. Allied Field – Theory and Literature (15-16)

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

1. Required Course (4)
   Thea 4950 Production Seminar (4) (Note: this class may be repeated, under a different topic, under the Allied Field or as an elective)
2. In consultation with faculty adviser, choose four courses with no more than a total of two in the allied field falling under the same department heading. Students are encouraged to select courses from African-American Studies, Communications, English, Theatre and Women's Studies.

Design & Production Concentration

Area G. Area of Concentration – Design & Production (25-27)

No more than three to four 3-4 credit hour courses (12 hours) can be taken within a single discipline.

1. Required Courses to fulfill CTW requirement (6) (These do not count toward the B.I.S. program's 12-hour limit for classes from a single subject.)
   - THEA 3100 Play Analysis-CTW(3)
   - THEA 4070 Western Theatre History-CTW (3)
2. Required Courses (10-12)
   - THEA 4050 Directed Activities – Technical Theatre (1-3)
   - THEA 3000 Lighting Design for Theatre (4)
   - THEA 3110 Technical Theatre II (3)
   - THEA 4100 Stage Management (3)
3. Choose one (3)
   - ID 3000 Architectural Drawing I
   - TPS 3813 Visual Imagination (taken at Kennesaw University) (3)
4. Choose two (6)
   - AH 4310 Art of N Europe: Renaissance Era (3) (Prereq: AH 1750)
   - AH 4320 Ital Renaissance: Age of Humanism (3) (Prereq: AH 1750)
   - AH 4400 Baroque Art (3) (Prereq: AH 1750)
   - AH 4450 18th Century European Art (3) (Prereq: AH 1750)
   - AH 4500 19th Century European Art (3) (Prereq: AH 1750)

- **Area H. Allied Field – Art and Design (15-18)**

No more than two 3-4 credit hour courses (6-8 hours) can be taken within a single discipline.

1. Required Course (4)
   THEA 4950 Production Seminar (4) (Note: this class may be repeated, under a different topic, under the Allied Field or as an elective)
2. Choose three (10-11) (Note: You may have no more than two courses total in the allied field falling under the same department heading.)
   - DPP 3000 Life Drawing (3)
   - ID 4100 Lighting Design (2)
   - GRD 4840 Computer Graphics Imaging (3)
   - GRD 4841 Computer Animation (3)
   - TEXT 3000 Fibers, Colors, Dyes, and Dyeing (3)
   - TEXT 3100 Surface Design I (3)
   - TEXT 3300 Fibers, Fabrics, and Forms (3)
   - 3DS 3000 Sculpture I (3)
   - 3DS 3050 Hand Building I (3)
   - 3DS 3100 Sculpture II (3)
   - 3DS 3150 Wheel Throwing I (3)
   - 3DS 3250 Advanced Wheel Throwing (4)
   - 3DS 3350 Ceramic Sculpture (4)
   - Or one upper-level course at a consortium university, with approval of advisor.)

Area J. Electives (12)

Students need pre-requisites for studio arts courses. Electives would normally include Thea 4980 as an option.

Minor in Theatre

Theatre is both a respected art form whose roots reach back 4,000 years and a field of academic study whose practitioners have made major contributions to our understandings of art, culture, the social sciences, political activism, multicultural awareness and gender diversity. The minor in theatre can prepare students to incorporate theatre studies and production within a wide variety of career paths in such fields as education, filmmaking, journalism, literary studies and community service. In addition, Georgia State's theatre minors have gone on to advanced studies in theatre on the graduate level and professional careers as actors, directors, writers, designers and technicians.

Program Degree Requirements

Students who wish to minor in theatre must take 15-18 hours in Theatre, including at least nine semester hours at the 3000 level or above. Theatre minors are held to the same course prerequisite requirements as majors. Students taking more than 15 hours of courses in the field may count the additional hours toward their electives. A grade of C or higher is required in all courses counting toward the minor.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

3570 Women's, Gender, and Sexuality Studies

Programs Offered:

- **Bachelor of Arts in Women's, Gender, and Sexuality Studies**
- **Minor in Women's, Gender, and Sexuality Studies**

Institute for Women's, Gender, and Sexuality Studies
25 Park Place Building, Floor 22 (as of fall 2015)
P.O. Box 3969
Atlanta, GA 30302-3969

Phone: 404/413-6587
Fax: 404/413-6585
Email: wgss@gsu.edu
wgss.gsu.edu

Amira Jarmakani, Director
Julie Kubala, Director of Undergraduate Studies

Women's, Gender, and Sexuality Studies (WGSS) at Georgia State University contributes to the University's broader mission of encouraging critical thinking through a focus on feminist interdisciplinary scholarship, teaching, and community participation. WGSS makes explicit the ways in which gender and sexuality, in connection with other categories such as race, class, ability, and age, construct our understandings and experiences of the world. Furthermore, WGSS analyzes the ways public discourse relies on gender and sexuality to conceptualize such issues as war and militarism, policy, the environment, education, healthcare, economics, the media, and popular culture. In order to explore these issues, WGSS emphasizes the following areas of study: sexualities, race and globalization, and social change.

Visit the major maps for this program at cas.gsu.edu/major/womens-gender-sexuality-studies/ for a year-by-year overview of class info, co-curricular opportunities, advisement and assistance, and much more.

Program Admission

Students wishing to major or minor in WGSS must meet the requirements for the Bachelor of Arts degree as described earlier in this catalog. Students should come to the institute office to receive advisement.

Program Academic Regulations

To take WGSS 4920 (Senior Research-CTW), WGSS 4950 (Internship-CTW), or WGSS 4999 (Directed Readings), students must first receive approval from the Institute for Women's, Gender, and Sexuality Studies Director of Undergraduate Studies. Students are responsible for contacting sites and arranging for their own internships. A list of possible internship sites is available at wgss.gsu.edu.

Program Degree Requirements

In addition to the Program Degree Requirements, students must fulfill the College of Arts and Sciences

Degree Requirements (see section 3030) and the University Degree Requirements (see section 1400).

B.A. in Women's, Gender, and Sexuality Studies

Area F: Courses Appropriate to the Major (18)

1. Required Courses (6)
    - FORL 1002 Elementary Foreign Language II (3)
    - WGSS 2010 Introduction to Women's, Gender, and Sexuality Studies (3)
2. Recommended Courses include but are not limited to (12): AAS 2010, ANTH 2020, POLS 2401, PSYC 2040, PSYC 2070, SOCI 1101, SOCI 1160, and SPCH 2050

Area G: Major Courses (30)

1. Required Courses to fulfill CTW requirement (6)
    - WGSS 3010 Feminist Theories-CTW (3) ***and***
    - WGSS 4920 Senior Research-CTW (3) ***or***
    - WGSS 4950 Internship-CTW (3)
2. Required Course in Major (3)
    - WGSS 3030 Introduction to LGBT Studies (3) or
    - WGSS 3040 Globalization and Gender (3)
3. Remaining Courses in Major Field (21): Seven additional Women's, Gender, and Sexuality Studies courses or courses cross-listed with Women's, Gender, and Sexuality Studies, with at least nine hours in a single strand; these strands reflect areas of specialization within the field. The major requirement (WGSS 3030 or WGSS 3040) can also fulfill three hours towards a required strand. Students may, if they wish, take nine hours in an additional strand, or they may choose additional WGSS electives to fulfill the remaining 12 hours. Only courses with the WGSS prefix count as Women's, Gender, and Sexuality Studies courses. The strands include Sexualities, Race & Globalization, and Social Change.

Sexualities:

- WGSS 3030 Introduction to LGBT Studies (3)
- WGSS 3150 Sexuality and Society (3)
- WGSS 3356 Queer Identities (3)
- WGSS 4240 Sexuality and Gender in Asia (3)
- WGSS 4310 Girls (3)
- WGSS 4650 Gender and Sexuality in European History (4)
- WGSS 4780 African-American Lesbian and Gay Activism (3)
- WGSS 4810 Feminism and Foucault (3)
- WGSS 4820 Feminism and Queer Theory (3)
- WGSS 4842 Sexuality and Nationalism (3)
- WGSS 4844 Youth and Sexualities (3)
- WGSS 4911 Special Topics in Sexuality Studies (3)

Race and Globalization:

- WGSS 3040 Globalization and Gender (3)
- WGSS 4240 Sexuality and Gender in Asia (3)
- WGSS 4590 Cultural Studies of Gender (3)
- WGSS 4750 Black Feminist Thought (3)
- WGSS 4760 Activism: History and Theory (3)
- WGSS 4772 Women in Africa (3)
- WGSS 4780 African-American Lesbian and Gay Activism (3)
- WGSS 4830 Class Matters (3)
- WGSS 4840 Arab and Islamic Feminisms (3)
- WGSS 4842 Sexuality and Nationalism (3)

Social Change:

- WGSS 4510 Feminist Political Theory (3)
- WGSS 4650 Gender and Sexuality in European History (4)
- WGSS 4750 Black Feminist Thought (3)
- WGSS 4760 Activism: History and Theory (3)
- WGSS 4830 Class Matters (3)
- WGSS 4842 Sexuality and Nationalism (3)
- WGSS 4844 Youth and Sexualities (3)

Additional Electives:

- WGSS 3120 Families and Society (3)
- WGSS 3130 Gender and Society (3)
- WGSS 3140 Birth and Parenthood (3)
- WGSS 3960 African-American Literature by Women (3)
- WGSS 3995 Feminist Literary Criticism (3)
- WGSS 4020 Gender in Criminal Justice (3)
- WGSS 4130 Communication and Gender (3)
- WGSS 4150 Women and Media (3)
- WGSS 4360 Feminist Philosophy (3)
- WGSS 4470 Visual Culture (4)
- WGSS 4720 Feminist Issues in Contemporary Art
- WGSS 4740 Women Artists (3)

Area H: Minor and Additional Courses

1. Students majoring in WGSS are required to complete a minor of at least 15 hours, at least 9 hours of which must be 3000 level or above. The minor may be taken through a department or institute, or it may be an interdisciplinary minor.
2. Additional courses not in the major or the minor must be taken as electives to complete a minimum of 120 semester hours, exclusive of KH 1010.

Minor in Women's, Gender, and Sexuality Studies

Students choosing to minor in WGSS should complete 15 hours including WGSS 2010, WGSS 3010, and

nine additional hours of upper-division elective WGSS courses. Only courses with the WGSS prefix count as Women's, Gender, and Sexuality Studies courses.

Graduation with Distinction in the Major

This unit offers undergraduate students with the opportunity to earn the designation of graduation with distinction in the major. Please contact the undergraduate director for the specific criteria for this honor.

4000 College of Education and Human Development

Undergraduate programs in the College of Education and Human Development are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

(See Section 1600 for Teacher Preparation Information)

General Information

The information contained in this chapter applies to programs, course offerings, and requirements specific to the College of Education and Human Development. However, the information in this chapter is to be considered supplemental to the general university information found in the preceding chapters of this catalog. Therefore, students should familiarize themselves thoroughly with general information on registration, fees and refunds, academic regulations, student life, and campus services. All policies, regulations, and requirements explained in the preceding chapters of this catalog also apply to the College of Education and Human Development.

Office of the Dean

1000 College of Education Building (10th Floor)
404-413-8100
http://education.gsu.edu/

Paul Alberto, Dean
Gwen Benson, Associate Dean of School, Community and International Partnerships
Joyce Many, Associate Dean of Academic Programs Undergraduate Studies and Educator Preparation
Walt Thompson, Associate Dean of Graduate Studies and Research
Matthew Gillett, College Administrative Officer

Accreditation

The Professional Education Faculty is accredited at Georgia State University is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org. This accreditation covers all initial teacher preparation programs and advanced educator preparation programs at Georgia State University. However, the accreditation does not include individual education courses that the institution offers to P-12 educators for professional development, relicensure, or other purposes.

The Professional Education Faculty offers undergraduate initial teacher preparation programs through the College of Arts and Sciences and the College of Education and Human Development.

Degree Programs

Undergraduate and graduate degree programs are offered through the departments of Early Childhood and Elementary Education; Educational Psychology, Special Education and Communication Disorders; Kinesiology and Health; and Middle and Secondary Education. The departments of Counseling and Psychological Services; Educational Policy Studies; and the Learning Technologies Division offer

graduate programs only.

Undergraduate degree programs for teachers of art, foreign languages, music, and physics are offered by the College of Arts and Sciences.

College of Education Undergraduate Degrees, Majors and Minors:

Bachelor of Interdisciplinary Studies

- Concentration in Human Learning and Development

Bachelor of Science (B.S.)

- Exercise Science

Bachelor of Science in Education (B.S.E.)

- Birth Through Five
- Early Childhood Education
- Health and Physical Education
- Middle Level Education

Minors

- Educational Psychology
- Special Education – High Incidence Disabilities
- Urban Education

For a list of graduate programs offered through the College of Education and Human Development please visit the college's web site at http://education.gsu.edu/academics/programs/graduate/. Graduate application materials for these programs can be obtained by visiting the Office of Academic Assistance and Graduate Admissions web site at to http://education.gsu.edu/admissions/graduate-admissions/.

College Facilities

Many of the college's programs involve student and faculty participation and interaction with metropolitan Atlanta community schools and agencies. Atlanta offers an ideal laboratory for the development of our students. Special facilities in the college of particular interest to undergraduate students are listed below.

Alonzo A. Crim Center for Urban Educational Excellence

350 College of Education Building
404-413-8070
http://crim.education.gsu.edu/

The Alonzo A. Crim Center for Urban Educational Excellence works in partnership with the larger Georgia State community, other universities, school systems, social agencies, and community organizations.

Current work includes: (1) Benjamin E. Mays Lecture Series, an annual program which brings nationally prominent educators to Atlanta to address critical issues facing education; (2) Coalition Urban Affiliate Liaisons, meetings between College of Education and Human Development and Atlanta Public Schools urban affiliates to develop research agendas and to discuss difficult issues related to providing excellent education for those children who traditionally have been least well-served by schools; (3) Quarterly Forums, events which address the topic, "Tapping Into the Genius of Our Children," which allows teachers and educators to participate in dialogue with outstanding people who have demonstrated success in fostering academic excellence for economically disenfranchised children in urban schools; (4) The Peachtree Urban Writing Project, a national writing project site and a collaborative of the Atlanta Public School System, Georgia State University, Morehouse College, and Spelman College; (5) National Board Certification Resource Center, provides awareness training to principals and teachers who are going through National Board Certification (NBC), places special emphasis on the recruitment of minority candidates and houses an information library for NBC literature; (6) Martin Luther King, Jr. Curriculum Project, lesson plans developed and designed to encourage hands-on, interactive exploration of materials available in The King Center, while providing historical and sociological knowledge to students as well as in social studies, civics, history, writing and language arts; (7) Staff Development and Curriculum Enhancement, facilitates and hosts ongoing workshops and training sessions that promote professional development for in-service teachers, and identifies supplemental learning resources that will compliment the curriculum that are currently used by teachers. The director of the center is Dr. Brian Williams.

Instructional Technology Center

2nd floor, College of Education Building
404-413-8080
http://itc.gsu.edu/

The Instructional Technology Center serves faculty, students, and prekindergarten through twelfth-grade educators by encouraging and supporting technological confidence and expertise in the areas of teaching, collaboration, and consulting. The ITC serves as a resource center providing learning spaces, technology workshops, student computer access, and specialized educational technology resources. Our resources include computers, peripheral equipment, productivity and educational software titles, audio/video production and reproduction technology and over 100 years of combined educational technology expertise from our experienced staff.

The ITC will provide customized workshops for faculty and instructor-led classes on topics that support instruction. The ITC can create workshops for a variety of instructional technologies. It has a variety of purpose-built teaching facilities including smart classrooms, computer classrooms, a conference room and a student computing commons.

The director of the center is Mr. Randy Jones. Call the Instructional Technology Center for information and appointments or visit their website at itc.gsu.edu.

Lanette L. Suttles Child Development Center

Dahlberg Hall, 30 Courtland St.
404-413-8460

Capital Hill Childhood Enrichment

197 Decatur Rd.
404-413-8454

http://cdp.education.gsu.edu/

The program at Georgia State University is comprised of two centers, the Lanette L. Suttles Child Development Center and Capital Hill Child Enrichment. The Centers are operated by the College of Education and Human Development under the direction of the Department of Early Childhood and Elementary Education. The program provides care for children of students, faculty, and staff. The Suttles Center is open from 7:30 a.m. to 6:00 p.m. Mondays through Fridays, and the Capital Hill Center is open from 7:00 a.m. to 6:00 p.m. Mondays through Fridays. There is a waiting list for parents interested in enrolling their children. Information regarding registration, fees, and ages for children accepted into the program may be obtained by contacting the center. The director of the center is Stacey French-Lee.

Speech – Language – Hearing Clinic

8th floor, College of Education Building
404-413-8044
http://speechlanguagehearing.education.gsu.edu/

The Speech–Language–Hearing Clinic is operated by the Department of Educational Psychology, Special Education, and Communication Disorders to provide practicum and experience for students in the master's level Communication Sciences and Disorders program offered through the College of Education and Human Development. Students who are identified by faculty as needing evaluation may be referred to the clinic. Students can also receive evaluations and treatment services at their own request. The director of the center is Dr. Debra Schober-Peterson.

4010 Students' Responsibilities

Knowledge of Regulations

Students must assume full responsibility for knowledge of the policies, rules, and regulations of the College of Education and Human Development and the university as well as the departmental requirements concerning their individual programs.

It is the responsibility of the students to become knowledgeable of and to observe all regulations and procedures required by the program being pursued. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that an adviser or other university authority did not inform the individual of a specific requirement. Each student should become especially familiar with the chapters of this catalog that present the academic requirements for the degree being sought, the offerings and requirements of the students' major department, and any changes published in the online *Schedule of Classes* each academic term.

While the provisions set forth in this catalog will ordinarily be applied as stated, Georgia State University and the College of Education and Human Development have the right to change any provision, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be available in the Office of the Dean and Office of Academic Assistance and Graduate Admissions when changes are made by the College of Education and Human Development. It is especially important that each student note that it is the individual student's responsibility to keep apprised of current graduation requirements for his or her particular degree program.

Criteria on Academic and Professional Integrity

The College of Education and Human Development is committed to upholding standards of academic and professional integrity. These standards require that students enrolled in undergraduate and graduate programs within the College of Education and Human Development adhere to both the University's Student Code of Conduct as described on-line at http://codeofconduct.gsu.edu as well as their individual degree program's Policy on Student Professionalism, Integrity and Retention. Students should contact their department for a copy of their degree program's policy.

4020 College Academic Advisement

Academic advisors in the Office of Academic Assistance and Graduate Admissions advise undergraduate students in the College of Education and Human Development who have completed 90 hours or more and are either pursuing a major in exercise science or planning to be accepted (or have been accepted to) a teacher education program. The college encourages students with questions about their degree requirements or the academic regulations of the college or university to contact their advisers.

Students with questions about course content, career plans, and expectations for their fields of preparation and interest may contact faculty members in the college. Students should contact the academic department in advance to arrange a conference with a faculty member.

For students considering a change of major related to career interest, professional assistance in selecting a career area is available through the university's Career Services (260 University Center). The services of the center are described in the "Student Life and Services" chapter of this catalog

Office of Academic Assistance and Graduate Admissions

300 College of Education Building
404-413-8000
http://education.gsu.edu/admissions/undergraduate-admissions/

Nancy Keita, Director
Gaby McNicoll, Assistant Director, Academic Assistance
Lashawndra Vannice, Assistant Director, Graduate Admissions and Student Services
Shea Johnson, Academic Advisor II (undergraduate students)
Aileen Taylor, Academic Advisor II (undergraduate students)
Basja Tibbs, Certification Officer

The Office of Academic Assistance and Graduate Admissions is here to serve you. This office:

- Provides programs of study of each undergraduate major offered by the college;
- Indicates to undergraduate transfer students the specific credits for work done at other institutions that can be applied toward the B.S. and B.S.E. degrees;
- Confirms eligibility for entry into teacher education;
- Assists students in course selections and schedule revisions each term;
- Explains catalog regulations;
- Administers policies for the college and the university;
- Refers students to other sources of assistance in the university;
- Receives and processes applications for undergraduate teacher education programs and graduate study; and
- Assists graduates in applying for initial certification or upgrading an existing certificate.

Students are advised by appointment except during walk-in times that are provided for brief questions that can be resolved in 10 or fewer minutes. Students should schedule appointments one day in advance so updated records can be provided. Wednesdays are reserved for walk-ins. Office hours are 8:30 a.m. to 5:15

p.m. (M.-F.).

Teacher preparation students in the College of Arts and Sciences (Art, Foreign Language, and Music) should contact their Office of Academic Assistance (418 Langdale Hall, 404-413-5000) for advisement.

4030 College Academic Regulations

Pre-Major Status

Students may select the College of Education and Human Development as a pre-major at the point of application to the university or at any point thereafter. However, this selection represents only a pre-education status until the student applies for admission to and is accepted into a teacher education program or meets specific academic requirements for the bachelor of science major (Exercise Science). Transfer students must comply with all academic regulations of the university and the college.

Entry into teacher education is a separate step and requires meeting specific criteria. Students must complete a separate application, show proof of Tort liability insurance, and pass the GACE program admission assessment and the Georgia Educator Ethics entry assessment. Students interested in teacher education programs should refer to the "Teacher Preparation" section 1600 of this catalog or visit the College of Education and Human Development Office of Academic Assistance and Graduate Admissions website, http://education.gsu.edu/admissions/undergraduate-admissions/, for more information.

Visiting Students

Students currently enrolled in a degree program at another institution who wish to take coursework from the College of Education and Human Development must follow the admissions requirements shown in the "Undergraduate Admissions" chapter of this catalog. Teacher education courses designated TEA or TCP are not available to visiting students. Students from other institutions may be enrolled as visiting students at Georgia State University for no more than two academic terms.

Transient Credit

College of Education and Human Development students must have prior written approval from the college to earn transient credit from another institution if that credit is to be used in a degree program. Contact the Office of Academic Assistance and Graduate Admissions for procedures.

Credit by Examination

Students displaying exceptional ability in certain areas of knowledge may be recommended, with the approval of the dean, to receive credit for a particular course by successfully completing a departmental examination. Credit by examination cannot be used to meet semester hour requirements for the 39-hour residency, nor can it be used to meet the hour requirements for Honors. Students are directed to contact the specific department to determine eligibility for taking an examination.

The following course has been approved for credit by examination:

- KH 3390 Advanced First Aid and Emergency Care

Additional courses with the KH prefix may be approved for credit by examination. Contact the Department of Kinesiology and Health for a complete list of such courses.

Directed Reading Courses

Directed reading courses are designated with the prefix of the program area for which the content of the course is relevant and are numbered 4810. Such a course is for junior or senior level students of superior abilities and proven performance who wish to do independent study in a specific area. Applications for directed reading courses are available from the Office of Academic Assistance and Graduate Admissions. These courses require consultation with the instructor of choice to develop the topic of study, approval of the student's adviser, and approval of the department chair of the instructor's department. **Directed reading courses may not substitute for courses that are part of the regular course offerings of the college.**

Reentry

A reentry student is one who has been enrolled at Georgia State University and who meets at least one of these criteria:

- has not registered for courses at Georgia State during any of the previous three semesters.
- has been on scholastic suspension after an absence of one calendar year.
- has been on scholastic exclusions after an absence of five or more years. (undergraduate students only)
- has attended any semester as a transient and wishes to attend an additional term. (undergraduate students only)

Application Procedures for Reentry

The Reentry Application is available online at http://admissions.gsu.edu/how-do-i-apply/other-enrollment-types/re-entry-students/. Students will need to submit a $25.00 application fee with their applications. Reentry students who are accepted but do not attend the semester in which they were admitted must contact admissions@gsu.edu to attend the succeeding semester. If their academic program no longer exists at the time of reentry, they may not reenter but instead apply for a new degree program.

Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the College of Education will follow different courses of action depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit enrollment.gsu.edu/assistance/ for details.

Georgia State University seeks to maintain the highest standards of integrity and fairness in its relationships with students. The Undergraduate Catalog and the Graduate Catalog Student Code of Conduct set forth policies and requirements for Georgia State students. Students are expected to know and comply with these policies. Students may, however, seek relief or resolution when they believe that:

- The application of these policies and procedures will create undue hardship for them or will not recognize their extraordinary or extenuating circumstances; or
- Specific actions, practices, or decisions on academic or non-academic matters have been made or carried out in an arbitrary, discriminatory, or inequitable manner.

To adhere to University policy, the College of Education and Human Development has developed two forms: Petition for Waiver or Variance and Student Petition for Resolution. Students should complete these forms and submit to appropriate department for review.

Petition for Waiver or Variance

Any student in the College of Education and Human Development may petition for a waiver or variance of established policy, procedure, rule, or guideline governed by the college. This form should be used for requests of substitutions of required courses and/or waivers of college policies governing students. The Student Petition for Waiver or Variance must be submitted by the end of the term prior to the term in which the exception is needed. The form can be found at http://education.gsu.edu/student-services/forms-policies-regulations/.

Student Petition for Resolution

Students are encouraged to discuss academic or non-academic problems or grade concerns with the instructor prior to filing a formal petition, in an effort to gain understanding about the basis of the treatment or grade. If the issue is not resolved informally, students should complete the Student Petition for Resolution process. The form can be found at http://education.gsu.edu/student-services/forms-policies-regulations/.

College Degree Requirements

The College of Education and Human Development has no additional degree requirements beyond the university academic regulations.

4040 Program Degree Requirements

Undergraduate degrees offered by the College of Education and Human Development are listed in this section alphabetically by major and then by degree designation followed by minors and non-degree, certification only programs. Students enrolled in degree programs must complete all the requirements for the selected degree and must comply with the general academic regulations of the university. Each program of study listed in this section provides the minimum requirements for that specified program. Additional coursework and non-coursework activities may be required based on faculty evaluation of the students' background preparations and demonstration of their skills and knowledge.

Course descriptions are listed alphabetically by prefix name then course number in the "Course Descriptions" chapter of this catalog.

Undergraduate Core Curriculum

Georgia State University requires all students seeking a baccalaureate degree to satisfactorily complete a basic core of general education subjects. All programs offered by the College of Education and Human Development are designed to comply with the University System of Georgia core curriculum requirements. For a full description of the requirements for Areas A through E of the undergraduate core curriculum, please see the "Core Curriculum" chapter of this catalog. Requirements for completing Areas F through H of each degree program are listed in this chapter.

Students who are completing the core curriculum requirements at another unit of the University System of Georgia are encouraged to check the Georgia State catalog for specific required course prerequisites to maximize the transfer of core credits to apply to the programs in which they plan to enroll.

4100 Birth Through Five

Program Offered:

- **Bachelor of Science in Education in Birth Through Five**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Early Childhood and Elementary Education
550 College of Education Building
404-413-8020
Barbara Meyers, Chair
http://ece.education.gsu.edu/

The B.S.E. major in Birth Through Five (B-5) prepares teachers and other early care and education professionals to work in varied settings with young children and their families from infancy through Kindergarten age, including children who are typically developing and those with disabilities.

The program reflects national and state standards, research and best practice in the field of early childhood development and education and teacher education. Candidates receive content and pedagogy in developmentally and individually appropriate practices for infants, toddlers, preschoolers and Kindergarten age children. The program provides a multidisciplinary, comprehensive and holistic approach to working with young children and families in diverse settings.

Field-based experiences are structured to provide candidates with opportunities to work with different ages and children of varying ability levels and educational needs. A broad range of courses and practicum will strengthen candidates' knowledge and ability to select and implement appropriate curriculum and instructional strategies, developmental activities and care routines, and observation and assessment methods.

Successful completion of this program leads to a baccalaureate degree along with recommendation for Birth Through Kindergarten licensure. Candidates completing the Birth through Five preparation program may be recommended for certification in both Birth through Kindergarten as well as the Endorsement in Pre-School Special Education (3-5).

Program Admission

Students are required to meet all University and College admission requirements. In addition, students must apply for admission to teacher education (B-5) prior to beginning coursework in the upper division core, Area G of the program.

To apply for teacher education (B-5):

- Students must have a minimum 2.75 overall grade point average on all postsecondary coursework previously completed;
- Students must present passing scores on the GACE Program Admission Assessment or demonstrate

an exemption upon application to an initial educator preparation program.
- Students must complete the Georgia Educators Ethics – Program Entry (350) Assessment.
- Students must have successfully completed all courses in Areas A-F.
- Students must have successfully completed all required courses in Areas A and F with a grade of "C" or higher, or have transferred in approved Area A-F courses as outlined in approved USG-DTAE Articulation Agreements;
- Students must submit proof of tort liability insurance;
- And students must complete a writing sample and participate in an interview with program faculty. Please note that the completion of the writing sample and participation in the interview does not guarantee admission to the Birth Through Five program.

The Technical College System of Georgia Articulation Agreements and the Birth through Five program handbook can be found on the Department of Early Childhood and Elementary Education web site.

Program Financial Information

Birth Through Five (B-5) majors must pay all tuition and fees charged by the University and the College. A lab fee may be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra cost such as tort liability insurance, criminal background check, and transportation will be incurred at various times during the completion of various teacher education field experiences.

Program Academic Regulations

Program of Study: Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades. All courses listed below in Areas F-G must be completed with a grade of "C" or higher unless otherwise noted. Semester hours are shown in parentheses following an entry.

B.S.E. students are required to meet the Georgia 2006 Technology Proficiency Requirement. Students enrolled in the Birth Through Five (B-5) Program at Georgia State University will complete this graduation and certification requirement by successfully completing a technology course (LT 2210 recommended) and by demonstrating competency on designated assignments embedded in the program of study.

Pre-Service Certificate: All students who are accepted into a teacher education program and will be completing a field placement must complete the requirements to obtain a Pre-Service Certificate through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module. To apply for the Pre-Service certificate, go to the GSU certification page and complete the GaPSC form and submit all required materials to the GSU certification officer in the College of Education and Human Development Office of Academic Assistance and Graduate Admissions on the 3rd floor of the COE building, Suite 300.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Degree Requirements

B.S.E. in Birth Through Five (B-5)

Areas A-E. Core Curriculum Recommendations

Students must complete 42 semester hours in Area A-E of the Undergraduate Core Curriculum or have transferred in approved Area A-E courses as outlined in approved USG-DTAE Articulation Agreements. Courses in Area A must be completed with "C" or higher grades.

Semester hours are shown in parentheses following an entry.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education. Students must complete 18 semester hours in Area F, or have transferred in approved Area F courses as outlined in approved USG-DTAE Articulation Agreements, which can be found on the Department of Early Childhood and Elementary Education web site.

Required (18):

- EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- EDUC 2152 Birth and Parenthood (3)
- EDUC 2300 Introduction to Child Development (3)
- KH 2360 Childhood Health and Wellness (3)

Areas A-F Articulation Agreement for USG – DTAE Institutions

Graduates from Early Childhood Care and Education degree programs from COC accredited Technical College System of Georgia institutions will have satisfied the requirements for all six courses in the USG Area F for the BSED in Birth-Age 5 Teacher Preparation Program.

Area G: Courses Required for the Major

Required Courses (40):

- BRFV 3200 Introduction to Administration and Organization of Programs for Young Children (3)
- BRFV 3250 Professional and Ethical Practice-CTW (3)
- BRFV 4360 Child Guidance Birth to Five (3)
- BRFV 4370 Language, Literacy, and Cognition-CTW (3)
- BRFV 4380 Methods for Infants and Toddlers (4)
- BRFV 4390 Methods for Pre-Kindergarten and Kindergarten Children (4)
- BRFV 4400 Family and Community Relationships (3)
- EXC 3560 Observation and Assessment for Infants, Toddlers and Preschoolers (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

- EXC 4500 Environmental and Medical Issues for Children Birth to Five (3)
- EXC 4520 Methods for Infants and Toddlers with Disabilities (4)
- EXC 4530 Methods for Pre-Kindergarten and Kindergarten Children with Disabilities (4)

Electives (8-11):

- LT 2210 Integrating Technology into the Elementary Classroom (3) or equivalent

Graduates from Early Childhood Care and Education degree programs from COC accredited Technical College System of Georgia institutions may transfer one of the program specializations to complete 9 hours of Electives (11 hours) in the B.S.E. Birth Through Five (B-5) degree program.

Required prior to Area H: (40) Semester Hours; All courses in B-5 Major Area must be completed with a grade of C or higher before students are authorized to enroll in student teaching.

Area H: Student Teaching (9-12)

All program requirements must be satisfactorily completed before students are authorized to enroll in student teaching. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Required (9-12):

- BRFV 4650 Opening School Experience (0)
- BRFV 4661 Student Teaching (9-12)

Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 120-126 semester hours

4110 Early Childhood Education

Program Offered:

- **Bachelor of Science in Education in Early Childhood Education**
  - **Concentration in Early Childhood Education (P-5) Certification with an ESOL Endorsement**
  - **Concentration in Early Childhood Education (P-5) and Special Education General Curriculum (P-12) Dual Certification**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Early Childhood and Elementary Education
550 College of Education Building
404-413-8020
Barbara Meyers, Chair
http://ece.education.gsu.edu/

Early Childhood Education B.S.E. program Faculty prepare undergraduates to teach diverse learners in 1) pre-kindergarten through fifth grade, 2) English to Speakers of Other Languages (ESOL), and 3) special education. There are two program options for completing the B.S.E. degree in Early Childhood Education: the Initial Certification in PreK-5th grades with an endorsement to teach English to Speakers of Other Languages (ESOL) and the Dual Certification in Early Childhood and Special Education. The program reflects research and best practice in the field of early childhood education and teacher education. Candidates receive content and pedagogy in all academic disciplines taught in the early childhood classroom. The program further provides integration of the visual, theatrical and musical arts within the context of digital technology. The broad and extensive field-based experiences intentionally scaffold candidates' knowledge and ability to select and implement developmentally appropriate technology, resources and activities for teaching and learning in diverse settings across grade levels. Successful completion of this program leads to a recommendation for P-5 licensure and an endorsement to teach English to Speakers of Other Languages (ESOL) or dual certification in Early Childhood Education (P-5) and Special Education General Curriculum (P-12).

Program Admission

Students are required to meet all University and College admission requirements. In addition, students must apply for teacher education prior to beginning coursework in Area G of the program.

To apply for the B.S.E. Early Childhood Education program:

- students must have a minimum 2.75 overall grade point average on all undergraduate coursework previously completed;
- students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program;
- students must complete the Georgia Educator Ethics - Program Entry (350) Assessment;
- students must have successfully completed all courses in Area A-F;
- students must submit proof of tort liability; and

- students must complete a writing sample and participate in an informational session hosted by faculty. Please note that the completion of the writing sample and participation in the informational session does not guarantee admission to the B.S.E. program.

Program Financial Information

B.S.E majors must pay all tuition and fees charged by the University and the College. A lab fee of $125 will be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra cost such as tort liability and transportation will be incurred at various times during the completion of various teacher education field experiences, particularly during the students' senior year.

Program Academic Regulations

Program of Study: Students must complete 42 semester hours in Areas A-E of the undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades. All courses listed below in Areas F-G must be completed with a grade of "C" or higher unless otherwise noted. Semester hours are shown in parentheses following an entry.

B.S.E. students are required to meet the Georgia 2006 Technology Proficiency Requirement. Students enrolled in the Department of Early Childhood and Elementary Education Teacher Education Programs at Georgia State University will complete this graduation and certification requirement by demonstrating competency on designated assignments embedded in the four semester course sequence.

Pre-Service Certificate: All students who are accepted into a teacher education program and will be completing a field placement must complete the requirements to obtain a Pre-Service Certificate through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module. To apply for the Pre-Service certificate, go to the GSU certification page and complete the GaPSC form and submit all required materials to the GSU certification officer in the College of Education and Human Development Office of Academic Assistance and Graduate Admissions on the 3rd floor of the COE building, Suite 300.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Degree Requirements

There are two program options for completing the B.S.E. Degree in Early Childhood Education: the Initial Certification in PreK-5th grades with an endorsement to teach English to Speakers of Other Languages (ESOL) and the Dual Certification in Early Childhood and Special Education.

Concentration in Early Childhood Education (P-5) Certification with an ESOL Endorsement

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses

in Area A must be completed with "C" or higher grades.

MATH 1070 Elementary Statistics (3) is recommended in Area D for Early Childhood Education majors.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education.

Required (18):

- EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- ISCI 2001 Integrated Science I: Life/Earth Sciences (3)
- ISCI 2002 Integrated Science II: Physical Sciences (3)
- MATH 2008 Foundations of Numbers and Operations (3)

Area G. Major Courses (57)

Students must complete all courses listed below in Areas G with a grade of "C" or higher unless otherwise noted. Students begin Area G of their programs as a cohort and must take courses in the sequence specified. The Department of Early Childhood and Elementary Education provides a program manual describing course requirements and expectations.

- ECE 3021 Child Development (3)
- ECE 3255 ESOL: Cultural Foundations-CTW (3)
- ECE 3360 Assessment of Classroom Learning in Early Childhood Education (3)
- ECE 3390 Teacher as Responsible Practitioner in the 21st Century-CTW (3)
- ECE 3400 Reading Methods in Elementary Education (3)
- ECE 3440 ESOL: Curriculum and Instruction (3)
- ECE 3600 Language and Literacy Inquiry (3)
- ECE 3602 Writing and Composing in the Digital Age (3)
- ECE 3603 Mathematics Methods in Elementary Education: Primary Grades (3)
- ECE 3604 Mathematics Methods in Elementary Education: Upper Grades (3)
- ECE 3605 Social Studies Methods in Early Childhood Education (3)
- ECE 3606 Science and Inquiry in Early Childhood Education (3)
- ECE 3661 Classroom Management in Early Childhood Education Field Experience I (3)
- ECE 3662 Classroom Management in Early Childhood Education Field Experience II (3)
- ECE 3663 Classroom Management in Early Childhood Education Field Experience III (3)*
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- MATH 3050 Geometry and Spatial Sense (3) (MATH 2008 is a prerequisite for this course.)
- MATH 3090 Algebraic Concepts (3) (MATH 2008 is a prerequisite for this course.)
- AE 2300 or MUS 2300 Art and Music for Early Childhood (3)

*Students must earn a grade of "B" or higher in ECE 3663.

Area H. Student Teaching (12)

All program requirements must be satisfactorily completed before students are authorized to enroll in student teaching. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Required (12):

- ECE 4650 Opening School Experience (0) (Required to successfully complete during the first fall semester preceding student teaching.)
- ECE 4662 Student Teaching (12)

Students must post passing scores on the appropriate GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 129 semester hours

Concentration in Early Childhood Education (P-5) and Special Education General Curriculum (P-12) Dual Certification

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades.

MATH 1070 Elementary Statistics (3) is recommended in Area D for Early Childhood Education majors.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education.

Required (18):

- EDUC 2110 Investigating Critical & Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching & Learning (3)
- ISCI 2001 Integrated Science I: Life/Earth Sciences (3)
- ISCI 2002 Integrated Science II: Physical Sciences (3)
- MATH 2008 Foundations of Numbers and Operations (3)

Area G. Major Courses (57)

Students must complete all courses listed below in Areas G with a grade of "C" or higher unless otherwise noted. Students begin Area G of their programs as a cohort and must take courses in the sequence specified. The Department of Early Childhood and Elementary Education provides a program manual

describing course requirements and expectations.

- ECE 3021 Child Development (3)
- ECE 3255 ESOL: Cultural Foundations-CTW (3)
- ECE 3360 Assessment of Classroom Learning in Early Childhood Education (3)
- ECE 3390 Teacher as Responsible Practitioner in the 21st Century-CTW (3)
- ECE 3400 Reading Methods in Elementary Education (3)
- ECE 3600 Language and Literacy Inquiry (3)
- ECE 3602 Writing and Composing in the Digital Age (3)
- ECE 3603 Mathematics Methods in Elementary Education: Primary Grades (3)
- ECE 3604 Mathematics Methods in Elementary Education: Upper Grades (3)
- ECE 3605 Social Studies Methods in Early Childhood Education (3)
- ECE 3606 Science and Inquiry in Early Childhood Education (3)
- ECE 3661 Classroom Management in Early Childhood Education Field Experience I (3)
- ECE 3662 Classroom Management in Early Childhood Education Field Experience II (3)
- EXC 4010 Characteristics of Students with Disabilities (3)
- EXC 4560] Educational Evaluation of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)*
- EXC 4580 Instructional Methods for Students with Behavior Learning Disabilities (3)
- MATH 3050 Geometry and Spatial Sense (3) (MATH 2008 is a prerequisite for this course.)
- MATH 3090 Algebraic Concepts (3) (MATH 2008 is a prerequisite for this course.)
- AE 2300 or MUS 2300 Art and Music for Early Childhood (3)

*Students must earn a grade of "B" or higher in EXC 4570.

Area H. Student Teaching (12)

All program requirements must be satisfactorily completed before students are authorized to enroll in student teaching. Students must complete student teaching coursework in Area H with a grade of "C" or higher.

Required (12):

- ECE 4650 Opening School Experience (0) [Required to successfully complete during the first fall semester preceding student teaching.]
- ECE 4661 Student Teaching (9)
- EXC 4671 Educational Partnerships and Practicum II: Special Education General Curriculum: Consultative (3)

Students must post passing scores on the appropriate GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 129 semester hours

4120 Exercise Science

Program Offered:

- **Bachelor of Science in Exercise Science**

Department of Kinesiology and Health
Sports Arena
404-413-8050
Jacalyn Lund, Chair
http://kh.education.gsu.edu/

The B.S. major in Exercise Science prepares students for careers in adult fitness, worksite health promotion/corporate fitness, personal training, clinical exercise physiology, cardiac rehabilitation, and other related fields. Preparation is also provided in fitness management, program management, sports skills development and enhancement, strength and conditionings, and related topics.

Program Admission

Students are required to meet all university and college admission requirements. All students admitted to Georgia State University who choose Exercise Science as their intended major begin as Pre-Exercise Science students. It is during the Pre-Exercise Science status that students complete the general core curriculum, KH 2220, and KH 2230.

When students are in the process of completing the pre-Exercise Science status requirements, they should complete the Request for Review of Core Curriculum form and make an appointment with the appropriate advising office.

Program Financial Information

Lab fees are associated with several courses within the Exercise Science program. In addition, B.S. majors must pay all tuition and fees charged by the university and the college.

Program Degree Requirements

B.S. in Exercise Science

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. MATH 1111 is a prerequisite for B.S. Exercise Science majors. The Department of Kinesiology and Health recommends that students take MATH 1111 in Area A. If a student chooses MATH 1101 or lower in Area A, they must still complete MATH 1111 prior to taking KH 3600 in Area G.

Semester hours are shown in parentheses after an entry.

Area F. Courses Appropriate for a Major (18)

Required (18):

- BUSA 2106 The Environment of Business (3)
- EPY 2050 Human Growth and Development (3)
- LT 2010 Computer Skills for the Information Age (3)
- KH 2130 Introduction to the Allied Fields of Health, Physical Education, and Fitness (3)
- KH 2220 Anatomy in Kinesiology and Health (3)
- KH 2230 Physiology in Kinesiology and Health (3)

Area G. Major Courses (54)

A grade of "C" or higher is required in all courses in Area G.

Pre-Exercise Science students can register for the following courses as long as prerequisites are met.

- KH 2520 Principles of Physical Activity and Fitness (2)
- KH 3000 Personal Health and Wellness (3)
- KH 3390 Advanced First Aid and Emergency Care (3)
- KH 3600 Biomechanics (3)
- KH 3650 Physiology of Exercise-CTW (4)
- NUTR 4960 Nutrition and Physical Fitness (3)

To enroll in the upper-level courses listed below, students must be declared B.S. Exercise Science students and

- complete the university core curriculum (See Section 1410),
- complete KH 2220 Anatomy In Kinesiology and Health with a grade of "C" or higher,
- complete KH 2230 Physiology Kinesiolog and Health with a grade of "C" or higher, and
- earn a GPA of 2.5 or higher in these two courses.
- pass appropriate prerequisites for the following classes.

- KH 3500 Athletic Training and Conditioning (4)
- KH 3550 Evaluation and Instrumentation in Exercise Science (3)
- KH 4280 Psychology of Physical Activity (3)
- KH 4290 Cardiopulmonary Physiology (3)
- KH 4300 Neuromuscular Physiology and Plasticity (3)
- KH 4350 Fitness Program Management-CTW (3)
- KH 4360 Clinical Exercise Physiology (4)
- KH 4600 Advanced Biomechanics for Exercise Science (3)
- KH 4630 Fitness Assessment and Exercise Prescription (4)

KH 2220 and KH 2230 may be attempted only twice. The Area F GPA will be computed using the last attempt in each course. A WF counts as an attempt. Transfer students who transfer these course(s) into Georgia State, may use the grades in the last attempted transferred course to calculate the GPA or they may attempt them (twice) at Georgia State.

Students can petition to use BIOL 1110K and BIOL 1120K in place of KH 2220 and KH 2230; however, a student must still receive a "C" or higher in each course as well as a combined GPA of 2.5 or higher in the two courses.

Once a student is eligible to take the restricted KH courses, the student remains eligible to take them as long as the student is eligible to enroll at Georgia State University.

Electives (6):
Select two or more:

- BIOL 2240 -BIOL 2250 Human Physiology (3) and Human Physiology Laboratory (1)
- KH 3040 Performance and Analysis Area IV: Lifetime Sports (3)
- KH 3060 Performance and Analysis in Disability Sport (3)
- KH 3360 Disability, Sport, and Physical Activity (3)
- KH 3610 Motor Learning and Development (3)
- KH 3680 International Experience in Sport and Exercise Science (3)
- PSYC 3450 Health Psychology (3)
- NUTR 3100 Nutrition and Health (3)
- NUTR 3200 Introduction to Clinical Nutrition (2)
- NUTR 3500 Nutrition and Metabolism (3)
- RT 3005 Clinical Cardiopulmonary Physiology (CPR) (3)
- SOCI 1101 Introductory Sociology (3)
- SOCI 4230 Sociology of Health and Illness (3)
- (Other courses may be selected with consent of adviser.)

Area H. Practicum (6 semester hours)

A grade of "S" is required in all courses in Area H. This experience is established with the assistance of the Program advisor and the Internship Coordinator.

Required (1):

- KH 4750 Practicum in Exercise Science (1)

Select One (5):

- KH 4760 Internship in Exercise Science (5)
- KH 4800 Research Fellowship in Exercise Science (5)*

* Students are required to successfully complete a minimum of 5 credit hours that may extend beyond one semester but no more than three semesters.

Total Program: minimum of 120 semester hours

4130 Health and Physical Education

Programs Offered:

- **Bachelor of Science in Education in Health and Physical Education**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Kinesiology and Health
Sports Arena
404-413-8050
Jacalyn Lund, Chair
http://kh.education.gsu.edu/

The B.S.E. major in Health and Physical Education prepares graduates to teach integrated programs of health and physical education for pre-kindergarten through twelfth grade. Areas of emphasis include skill development and analysis, personal health assessment, pedagogical-disciplinary study, contemporary curriculum, instructional skills and models, and direct field experiences. The program features a field-based approach.

Program Admission

Students are required to meet all university and college admission requirements. In addition, students must apply for teacher education prior to beginning Area G of the program.

To be accepted into teacher education:

- students must have a 2.50 overall grade point average on all undergraduate coursework previously completed;
- students must have successfully completed areas A-F of program, as listed in the Undergraduate Catalog. This includes completion of Area A Essential Skills with a "C" or better and Area F courses appropriate to the major with a grade of "C" or better;
- students must demonstrate competence in oral communication. Screening takes place in all education courses (see catalog for more details);
- students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program;
- students must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
- students must show proof of tort liability insurance; and
- students must participate in an interview and writing sample with program faculty. This will take place after Teacher Education applications are submitted to the Department of Kinesiology and Health.

Program Financial Information

B.S.E. majors must pay all tuition and fees charged by the university and the college. A lab fee of $125 will be charged at the time students register for the student teaching experience. Educator preparation students must be aware that extra cost such as fees for LiveText, tort liability, criminal background check, and

transportation will be incurred at various times during the completion of various teacher education field experiences, particularly during the students' senior year.

Program Academic Regulations

Program of Study: Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades. A grade of "C" or higher is required in Area F courses. A grade of "C+" is required for the following courses: KH 3200, KH 3250, KH 3410, KH 3420, KH 4510, KH 4520, KH 4530, KH 4540. Students who do not receive a grade of "C+" or better may repeat the course once. If a student fails to earn a "C+" the second time, then the student is administratively removed from the program. A grade of "B" in KH 4710 and KH 4720 is required for recommendation for certification. Students who do not receive a grade of "B" or better may repeat the course once. If a student fails to earn a "B" the second time, he or she will not be allowed to enroll in the course again and will not be recommended for certification.

Entry into the program does not guarantee continuation in the program, graduation from the program and/or recommendation for certification even if all requirements have been met. Students may graduate from the program with a "B-", "C+", "C", or "C-" without recommendation for certification even if the certification test has been passed.

Pre-Service Certificate: All students who are accepted into a teacher education program and will be completing a field placement must complete the requirements to obtain a Pre-Service Certificate through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module. To apply for the Pre-Service certificate, go to the GSU certification page and complete the GaPSC form and submit all required materials to the GSU certification officer in the College of Education and Human Development Office of Academic Assistance and Graduate Admissions on the 3rd floor of the COE building, Suite 300.

Tort Liability: All students must show proof of tort liability insurance prior to admission to Teacher Education and then again prior to enrollment in student teaching (KH 4710 Student Teaching in Health and Physical Education, P-5, and KH 4720 Student Teaching in Health and Physical Education, 6-12). Students may obtain the appropriate forms through http://education.gsu.edu/student-services/office-of-field-placements/.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Professional Development Plan: Program candidates may be placed on a Professional Development Plan (PDP). The HPE faculty has many options to choose from for determining a PDP for individuals. These options may include but are not limited to retaking courses; taking additional courses; and taking speech or writing workshops. Continuation in the program will depend on demonstrating timely and successful completion of PDP requirements.

As the courses progressively become more field-based, program faculty, cooperating teachers, and school administrators may also recommend that program candidates be placed on a PDP, removed from a course or removed from the program. The HPE program faculty has a personal and professional responsibility to

ensure that the teacher candidates that enter and graduate from the program exhibit professional behaviors. The HPE faculty is obligated to follow university policy set forth in the following excerpt from the GSU catalog:

The Professional Education Faculty believes that all students who are in field experiences must be personally and psychologically equipped as well as academically prepared. Students may be denied entry to field experiences based on departmental prerequisites or the professional judgment of faculty based on observed performance and behavior. This policy is based on the premise that educators should be part of the evaluation of the students' ability to function adequately and safely in classrooms and those educators have a right and responsibility to make such judgments prior to placing students in schools. The practicum or student teaching supervisor has the authority to withdraw students from their classroom experience if their performance constitutes a detriment to the children in the class. If such removal is necessary, students will be given an F in each corresponding course.

Program Degree Requirements

B.S.E. in Health and Physical Education

Areas A-E: Core Curriculum Recommendations

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum. Courses in Area A must be completed with "C" or higher grades.

Semester hours are shown in parentheses following an entry.

Area F. Courses Appropriate for a Major (18)

Students must complete coursework with a grade of "C" or higher in Area F prior to admission to teacher education.

Required (18):

- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching and Learning (3)
- KH 2130 Introduction to the Allied Fields of Health, Physical Education, and Fitness (3)
- KH 2220 Anatomy in Kinesiology and Health (3)
- KH 2230 Physiology in Kinesiology and Health (3)

Area G. Major Courses (53)

Students must apply for teacher education prior to beginning courses in Area G. To be accepted into teacher education, students must:

1. Successfully complete areas A-F of program, as listed in the Undergraduate Catalog. This includes completion of Area A Essential Skills with a "C" or better grade and Area F Course appropriate to the major with a grade of "C" or better.

2. Demonstrate competence in oral communication. Screening takes place in all education courses (see catalog for more details).
3. Have a passing score on GACE Program Admission Assessment or demonstrate an exemption upon application.
4. Must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
5. Have a grade point average of no less than 2.5 (includes GSU and any transfer credit).
6. Complete a departmental interview and writing sample. (Will be scheduled by department after application deadline)
7. Show proof of tort liability insurance
   (See http://education.gsu.edu/student-services/office-of-field-placements/)

Content:
Required (34):

- KH 3010* Performance and Analysis Area I: -Skill Themes and Movement Concepts (3)
- KH 3020 Performance and Analysis Area II: Fitness and Physical Activity for P-12 (3)
- KH 3030 Performance and Analysis Area III: Team Sports (3)
- KH 3040 Performance and Analysis Area IV: Lifetime Sports (3)
- KH 3250** Teaching Comprehensive School Health Education (3)
- KH 3420** Curriculum in Health and Physical Education-CTW (3)
- KH 3600 Biomechanics (3)
- KH 3610 Motor Learning and Development (3)
- KH 3650 Physiology of Exercise (4)
- KH 3700 Sexuality Education -for P-12-CTW (3)
- EXC 4020 Characteristics and Instructional Strategies for Student with Disabilities (3) (or equivalent)

* Completion of KH 3010 is required before taking KH 3200 and KH 3410.

** Completion of KH 3250 and KH 3420 with a "C+" or better along with HPE faculty permission is required before taking KH 3200 and KH 3410.

KH 3420 and KH 3700 will fulfill the Critical Thinking Through Writing (CTW) requirement.

Methods and Curriculum:
Required (19):

- KH 3200* Instructional Skills for Health and Physical Education, P-12 (4)
- KH 3410 *Assessment in Health and Physical Education (3)
- KH 4510** Contemporary Instructional Models for Pre-K and Elementary Physical Education (3)
- KH 4520** Contemporary Instructional Models for Secondary Physical Education (3)
- KH 4530** Contemporary Instructional Models for Health Education (3)
- KH 4540** Contemporary Instructional Models for Adapted Physical Education (3)

* Completion of KH 3200 and KH 3410 with a "C+" or higher along with permission of HPE faculty is required before taking the remainder of the courses in this section.

**Completion of KH 4510, KH 4520, KH 4530, and KH 4540 with a "C+" or higher is required along with permission from HPE faculty before taking KH 4710 and KH 4720.

Area H. Practicum and Student Teaching (12)

First Aid and CPR Proficiency: All students must have current certifications in First Aid and CPR (including infant, child, and adult) at the time of application to student teaching. Those certifications must remain current through the end of the student teaching term. Students may demonstrate this proficiency by attaining the appropriate certifications from GSU Recreation Department, American Heart Association, local fire departments or the American Red Cross at www.redcrossatlanta.org/pdf/communitycourses.pdf or by completing KH 3390 Advanced First Aid and Emergency Care (3) Please note: The skills test for first aid and CPR cannot be taken online.

Students must complete student teaching coursework in Area H with a grade of "B" or higher for recommendation for certification.

Required (12):

- KH 4650 Opening School Experience (0)
- KH 4710 Student Teaching in Health and Physical Education, P-5 (6)
- KH 4720 Student Teaching in Health and Physical Education, 6-12 (6)

Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 125 semester hours

4140 Human Learning and Development

Program Offered:

- **Bachelor of Interdisciplinary Studies in Human Learning and Development**

The Human Learning and Development concentration is an interdisciplinary program in the College of Education and Human Development. Courses are taught by faculty from the Departments of Counseling and Psychological Services; Early Childhood and Elementary Education; Educational Policy Studies; Educational Psychology, Special Education, and Communication Disorders; Learning Technologies; and Middle and Secondary Education.

This concentration provides students an opportunity to acquire a career-oriented range of skills and knowledge of this important field by choosing from the coursework in behavior and learning disabilities; child growth and development; counseling; deaf studies; educational psychology; family and community literacy; learning technology; physical activity, health, and wellness; and sport coaching and human performance.

Students should contact an advisor in the University Advisement Center or the College of Education and Human Development Office of Academic Assistance to declare the major. Students should declare their major by the time they have earned 42 credit hours to avoid a delay in graduation. A 2.0 Georgia State University GPA is required in order to pursue the program.

Program Degree Requirements

Areas A-E: Core Curriculum (42-43 hours)
(see section 1410 University Core Curriculum Requirements in the undergraduate catalog)

Area F. Preparation for the Major (18 hours)

Required (9 hours):

- EPY 2040 The Science of Learning (3)
- EPY 2050 Human Growth and Development (3)
- LT 2010 Computer Skills for the Information Age (3)

Choose Three Courses (9 hours):

- EDRD 2200 Reading for Undergraduate Success (3)
- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 Exploring Learning and Teaching (3)
- EDUC 2152 Birth and Parenthood (3)
- EDUC 2300 Introduction to Child Development (3)
- EXC 2001 Intermediate Sign Language I (3)

- EXC 2002 Intermediate Sign Language II (3)
- LT 2012 Design and Development of Digital Multimedia (3)
- LT 2100 Information Technology Research and Application (3)
- KH 2360 Childhood Health and Wellness (3)
- PSYC 1101 Introduction to General Psychology (3)
- SOCI 1101 Introduction to Sociology (3)
- Foreign Language Course at the 2000 level (3)

Area G. Area of Concentration: Human Learning and Development (36-42 hours)

Required (9 hours):

- CPS 3400 Career and Lifespan Development (3)
- EDUC 3100 Introduction to Careers in Human Learning and Development-CTW (3)
- EPRS 4900 Methods of Research in Human Learning and Development-CTW (3)

Choose two of the disciplines below (24 hours)

Behavioral and Learning Disabilities (12 hours)
Required (3 hours):

- EXC 4010 Characteristics of Students with Disabilities (3)

Choose Three Courses (9 hours):

- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)
- EXC 4580 Instructional Methods for Students with Behavior/Learning Disabilities (3)
- EXC 4590 Functional and Social Methods for Students with Behavior/Learning Disabilities (3)

Child Growth and Development
Choose Four Courses (12 hours):

- BRFV 4370 Language, Literacy, Cognition-CTW (3)
- BRFV 4400 Family and Community Relationships (3)
- ECE 3010 Introduction to Early Childhood Education (3)
- ECE 3021 Child Development (3)
- ECE 3500 Social-Emotional Development from Infancy to Middle Childhood (3)
- ECE 3550 Children's Literature in the 21st Century (3)
- ECE 3560 Media and Children's Learning (3)

Counseling (12 hours)
Required (9 hours)

- CPS 3200 Diversity and Human Relations (3)
- CPS 3300 Interpersonal Communication Skills (3)
- PSYC 3140 Abnormal Psychology (3)

Select One Course (3 hours)

- PSYC 3520 Introduction to African-American Psychology (3)
- PSYC 4020 Social Psychology (3)
- PSYC 4030 Cross-Cultural Psychology (3)
- PSYC 4040 Developmental Psychology (3)

Deaf Studies (12 hours)
Required (3):

- EXC 4350 Orientation to Deafness (3)

Choose One Set of Courses (6 hours):

Set 1:
EXC 4370 American Sign Language and Deaf Culture I (3)
EXC 4380 American Sign Language and Deaf Culture II (3)

Set 2:
EXC 4365 Audiological Considerations (3)
EXC 4380 American Sign Language and Deaf Culture II (3)
Students who have completed EXC 1001, EXC 1002, EXC 2001, EXC 2002 take set 2.

Choose One Course (3)

- AL 4151 Communication across Cultures-CTW (3)
- CSD 4480 Introduction to Hearing and Science Disorders (3)
- SW 4480 Disabilities Practice, Policy, and Research (3)

Educational Psychology (12 hours)

- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EPY 4190 Introduction to Behavior Analysis (3)
- EPY 4360 Developing and Learning During Adolescence (3)
- EPY 4960 Seminar in Educational Psychology (3)

Family and Community Literacy (12 hours)

Required (3):

- EDRD 3600 Family Literacy and Community Learning (3)

Choose Three Courses (9):

- EDRD 3490 Topics in Middle Childhood Reading (3)
- EDRD 3500 Assessment and Instruction of Middle Childhood Students with Reading Difficulty (3)
- EPY 4970 Seminar in Adult Literacy (3)

- TSLE 4250 Language and Discourse in Global and Professional Contexts (3)
- TSLE 4260 Global and Local Intercultural Relations and Development (3)
- TSLE 4440 Working with Multilingual Populations (3)

Learning Technology (12 hours)

- LT 3000 Technology, Society, and Education (3)
- LT 3100 Educational Technology in Africa and the Diaspora (3)
- LT 3500 Training and Performance Technology (3)
- LT 4500 Gaming and Simulation for Exploratory Learning (3)

*Physical Activity, Health, and Wellness (12 hours)**
Required (3):

- KH 3610 Motor Learning and Development (3)

Choose Three Courses (9):

- KH 3000 Personal Health and Wellness (3)
- KH 3010 Performance and Analysis Area I: Skill Themes and Movement Concepts (3)
- KH 3020 Performance and Analysis Area II: Fitness and Physical Activity for P-12 (3)
- KH 3030 Performance and Analysis Area III: Team Sports (3)
- KH 3150 Healthy Lifestyle Choices (3)

*Students must complete all four of the courses above prior to enrolling in a section of EDUC 4670 related to the discipline.

*Sport Coaching and Human Performance (12 hours)**
Required (6):

- KH 3630 American Sport Education Program (ASEP) Coaching Principles (3)
- KH 3635 Special Considerations for Coaching Athletes with Disabilities (3)

Choose Two Courses (6):

- KH 3060 Performance and Analysis in Disability Sport (3)
- KH 3360 Disability, Sport, and Physical Activity (3)
- KH 4200 Analysis of Sport Coaching (3)
- KH 4210 Long Term Athlete Development (3)

*Students are required to complete CPR/First Aid/AED for child and adult and the USOC Safe Sport Certificate for discipline completion and before enrolling in a section of EDUC 4670.

Internships (3-9 hours)
Students should complete 3-9 hours of internship related to one or more of the disciplines chosen above. Choose from the following repeatable courses.

- EDUC 4670 Internship in Human Learning and Development (3)
- EDUC 4982 Undergraduate Research in Urban Education (1-3)

Area H. Electives (17-24 hours)
Students may choose two courses from one of the disciplines listed above which were not previously selected or take courses numbered 1000 level or above to fulfill the elective requirement.

Reminder: Students must earn 39 semester hours at Georgia State University in courses numbered 3000 or above with an average grade of at least a C (2.00 GPA).

4150 Middle Level Education

Program Offered:

- **Bachelor of Science in Education in Middle Level Education**

Additional Teacher Education information is found in section 1600 of the catalog.

Department of Middle and Secondary Education
600 College of Education Building
404-413-8060
Gertrude Tinker Sachs, Chair
http://mse.education.gsu.edu/

The B.S.E. major in Middle Level Education prepares outstanding middle level educators who can meet the needs of young adolescents in today's diverse, highly technological, and changing society. Graduates have a well-developed content knowledge in two fields (language arts, mathematics, reading, science, and/or social studies) and have the option to pick up a third general curriculum concentration in Special Education. Successful completion of this program, the appropriate GACE Content Assessment tests, Georgia Educator Ethics – Program Exit (360) Assessment, and edtPA leads to a recommendation for licensure for grades four through eight in the areas of concentration. Students choosing to add the Special Education general curriculum concentration will additionally be recommended for licensure for grades K-12 in Special Education.

Program Degree Requirements

B.S.E. Middle Level Education

Students must complete 42 semester hours in Areas A-E of the Undergraduate Core Curriculum with the recommendations listed in this section. Courses in Area A must be completed with "C" or higher grades.

Semester hours are shown in parentheses following an entry.

Area A. Essential Skills

Students who choose mathematics or science as one of their areas of concentration should select pre-calculus or a more advanced mathematics course) to fulfill the mathematics requirement.

Area C. Humanities and Fine Arts

Students who choose language arts as one of their areas of concentration should select ENGL 2110 World Literature 3), ENGL 2120 British Literature (3), or ENGL 2130 American Literature (3) to fulfill three semester hours of the Humanities and Fine Arts requirements.

Area D. Science, Mathematics, and Technology

Students who choose mathematics as one of their areas of concentration should select calculus of one

variable (or a more advanced mathematics course) to fulfill three semester hours of the Science, Mathematics, and Technology requirements. Students who choose science as one of their concentration areas are encouraged to choose CHEM 1101K and CHEM 1102k or BIOL 1103K and BIOL 1104K. Students who choose Social Studies as an area of concentration are encouraged to choose GEOG 1112 and GEOG 1113.

Area E. Social Science

Students who choose social studies as one of their areas of concentration should select either AAS 1140 Introduction to African and African-American History and Culture (3), AAS 2010 Introduction to African-American Studies (3), ANTH 1102 Introduction to Anthropology (3), ECON 2105 Principles of Macroeconomics (3), ECON 2106 Principles of Microeconomics (3), GEOG 1101 Introduction to Human Geography (3), or HIST 1140 Introduction to African and African-American History (3) to complete the Social Science Foundations requirement.

Area F. Preparation for a Major (18 semester hours)

Students must earn a grade of "C" or higher in each course used to fulfill Area F requirements.

Required (9):

- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Socio Cultural Perspectives on Diversity (3)
- EDUC 2130 Exploring Teaching and Learning (3)

Select three (9):
With advisor approval, students select two additional 1000- or 2000-level courses for a minimum of six semester hours in one concentration area and one course for three semester hours in a second concentration area.

- **Language Arts:** ENGL 2110 World Literature, ENGL 2120 British Literature, or ENGL 2130 American Literature
- **Reading:** AL 2101 Introduction to Language (highly recommended prerequisite for Area G.1. AL course), ENGL 2110 World Literature, ENGL 2120 British Literature, or ENGL 2130 American Literature
- **Mathematics:** MATH 2008 Foundations of Numbers and Operations (3); MATH 2212 Calculus of One Variable II (4) or MATH 2420 Discrete Mathematics (3)
- **Sciences:** CHEM 1101K and/or CHEM 1102, or BIOL 1103K and/or BIOL 1104K are recommended if not taken in Area D.
- **Social Studies:** GEOG 1101 Introduction to Human Geography, GEOG 1112 Introduction to Weather and Climate or GEOG 1113 Introduction to Landforms recommended if not taken in Area D

Area G. Major/Teaching Field (48-57 semester hours)

Students who have completed the above criteria and are ready to apply for the program **must** choose two content concentrations within Area G.1 from the following list: Language Arts, Mathematics, Reading,

Science, and Social Studies. Students may also choose to add an additional general curriculum concentration in Special Education.

Students are required to apply for teacher education after completing Areas A-F. To be accepted into teacher education:

- students must have a 2.50 composite grade point average on all undergraduate coursework previously completed;
- students must present passing scores on the GACE Program Admission Assessment or demonstrate an exemption upon application to an initial educator preparation program;
- students must complete the Georgia Educator Ethics – Program Entry (350) Assessment;
- students must have successfully completed Areas A through F of the program of study; and
- students may be asked to participate in an interview and/or writing sample as a part of the application process.

G.1 Content Concentrations for Middle Level Education (24 hours)

In consultation with their advisors, students select TWO areas of concentration from among language arts, mathematics, reading, science, and social studies. Each area of content concentration consists of 12 semester hours of coursework, at least 6 of which must be numbered 3000 or higher. Students are expected to have completed all prerequisites prior to enrolling in any of the following courses requiring prerequisites. Students must earn a grade of "C" or higher in each course used to fulfill Area G.1 requirements.

<u>Language Arts Concentration (12)</u>
Required (3):

- EDLA 3200 Topics in Middle Childhood Language Arts (3)

Literature/Folklore
Select one (3):

- ENGL 3040 Introduction to Literary Studies (3)
- ENGL 3290 English Fiction (3)
- ENGL 3850 American Poetry (3)
- ENGL 3860 American Drama (3)
- ENGL 3870 American Fiction (3)
- ENGL 3890 Contemporary Ethnic American Literature (3)
- ENGL 3910 The Tradition of Children's and Young Adults' Literature (3)
- ENGL 3920 Southern Literature (3)
- ENGL 3950 African-American Literature (3)
- ENGL 3960 African-American Literature by Women (3)
- ENGL 3970 Caribbean Literature (3)
- ENGL 4130 Shakespeare, Earlier Works (3)
- ENGL 4140 Shakespeare, Later Works (3)
- FOLK 3000 American Folklore (3)
- FOLK 4000 Georgia Folklore (3)
- EDLA 3230 Special Topics in the Middle Level Literature Curriculum (3)

- Another course may be selected with consent of advisor.

Composition
Select one (3):

- ENGL 3080 History, Theory, and Practice of Argumentative Writing (3)
- ENGL 3090 History, Theory, and Practice of Expository Writing (3)
- ENGL 3100 Twentieth-Century Composition Theory and Practice (3)
- ENGL 3150A Introduction to Creative Writing – Poetry (3)
- ENGL 3150B Introduction to Creative Writing – Fiction (3)
- EDLA 3240 Special Topics in the Middle Level Composition Curriculum (3)
- Another course may be selected with consent of advisor.

Language
Select one (3):

- AL 3021 Introduction to Linguistics (3)
- ENGL 3105 Practical Grammar (3)
- ENGL 3190 Language Analysis for Teachers of English (3)
- ENGL 3200 Introduction to the English Language (3)
- ENGL 3220 History of the English Language (3)
- ENGL 3955 Language in the African-American Community (3)
- SPCH 3750 Intercultural Communication (3)
- SPCH 4500 Visual Communication (3)
- Another course may be selected with consent of advisor.

<u>Mathematics Concentration (12)</u>
Required (9):

- EDMT 3350 Topics in Middle Childhood Mathematics (3)
- MATH 3050 Geometry and Spatial Sense (3)
- MATH 3070 Introduction to Probability and Statistics (3)

Select one (3):

- MATH 3000 Bridge to Higher Mathematics (3)
- MATH 3090 Algebraic Concepts (3)
- MATH 3420 Applied Combinatorics (3)
- MATH 3820 Historical and Cultural Development of Mathematics I (3)
- EDMT 3420 Special Topics in the Middle Level Mathematics Curriculum (3)
- Another course may be selected with consent of advisor.

<u>Reading Concentration (12)</u>
Required (12)

- EDRD 3490 Topics in Middle Childhood Reading (3)
- EDRD 3500 Assessment and Instruction of Middle Childhood Students with Reading Difficulty (3)

- EDLA 3200 Topics in Middle Grades Language Arts (3) (Students selecting Language Arts as their second concentration may select another literacy elective with recommendation of their advisor.)
- AL 3021 Introduction to Linguistics (3)

Science Concentration (12)
Select three or four (12):
Students are required to take 6 hours of upper-level (3000-level or above) science courses.

- BIOL 2240 Intro to Human Physiology (3)
- BIOL 2250 Human Physiology Lab (1)
- BIOL 2300 Micro and Public Health (3)
- BIOL 2310 Fundamental Micro Lab (1)
- BIOL 2800 Intro to Molecular Biology (3)
- BIOL 4050K Natural Environment of Georgia (4)
- CHEM 4590 Special Topics in Physical Chemistry (3)
- EDSC 3250 Topics in Middle Grades Science (4)
- NSCI 3001 Integrated Science I: Physics and Astronomy (4)
- NSCI 3002 Integrated Science II: Chemistry and Geology (4)
- NSCI 3003 Integrated Science III: Geology and Biology (4)
- Another course may be selected with consent of advisor.

Social Studies Concentration (12)
Required (6):

- EDSS 3400 Topics in Middle Grades Social Science/History (3)
- HIST 4310 Georgia History (4)

Select two (6):
North American or World Studies

- GEOG 4400 Geography of the United States and Canada (3)
- HIST 3200 North American before 1800 (4)
- HIST 3210 United States in the Nineteenth Century (4)
- HIST 3220 United States in the Twentieth Century (4)
- HIST 3500 The Ancient Mediterranean (4)
- HIST 3510 Medieval Europe to 1500 (4)
- HIST 3520 Early Modern Europe, 1500-1789 (4)
- HIST 3530 Europe since 1789 (4)
- HIST 3620 Atlantic World (4)
- HIST 3700 China and Japan to 1600 (4)
- HIST 3710 China and Japan after 1600 (4)
- HIST 3720 Colonial Latin America (4)
- HIST 3730 Latin America since 1810 (4)
- HIST 3780 The Middle East, 600-1800 (4)
- HIST 3790 The Middle East since 1800 (4)
- HIST 3800 South Asia to 1757 (4)
- HIST 3810 South Asia after 1757 (4)

- HIST 4320 Metropolitan Atlanta (3)
- HIST 4750 East Africa and the Horn (4)
- HIST 4760 Central and South Africa (4)
- Another course may be selected with consent of advisor.

Political Science

- POLS 3110 State Government (3)
- POLS 3170 American Legislative Process (3)
- POLS 3200 Comparative Politics (3)
- POLS 3400 International Politics (3)
- POLS 3800 Introduction to Political Research (3)
- POLS 4115 Urban Politics (3)
- POLS 4130 American Constitutional Law (3)
- POLS 4131 Civil Liberties and Rights (3)
- POLS 4180 American Chief Executives (3)
- Another course may be selected with consent of advisor.

G.2 Core Knowledge for Middle Level Education (12-15)

Students must earn a grade of "B" or higher in each course used to fulfill Area G.2 requirements.

Required for students **NOT** adding the Special Education General Curriculum Concentration(12)

- EDCI 3200 Organization and Instruction of the Middle Grades Curriculum (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)

Required for students adding the Special Education General Curriculum Concentration (15)

- EDCI 3200 Organization and Instruction of the Middle Grades Curriculum (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EXC 4010 Characteristics of Students with Disabilities (3) (Students may substitute EXC 4020)
- EXC 4570 Individual and Classroom Management (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)

G.3 Pedagogical Knowledge (12-18)

Students must earn a grade of "B" or higher in each course used to fulfill Area G.3 requirements.

Students must complete all Area G.1 and Area G.2 courses prior to enrolling in Area G.3. Area G.3 courses must be taken concurrently.

Required for students **NOT** adding the Special Education General Curriculum Concentration (12)
Required (6):

- EDCI 4600 Practicum (3)
- EDRD 4600 Reading and Writing in the Content Areas-CTW (3)

Select two courses to correspond to your areas of content concentrations (6):

- EDLA 4400 Concepts and Methods in Language Arts for Middle Childhood Education (3)
- EDMT 4460 Concepts and Methods in Middle Childhood Mathematics (3)
- EDRD 4450 Concepts and Methods in Reading for Middle Childhood Education (3)
- EDSC 4470 Concepts and Methods in Middle Childhood Science (3)
- EDSS 4480 Concepts and Methods in Middle Childhood Social Studies (3)

Required for students adding the Special Education General Curriculum Concentration (18)
Required (12):

- EDCI 4600 Practicum (3)
- EDRD 4600 Reading and Writing in the Content Areas-CTW (3)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4580 Instructional Methods for Students with Behavior Learning Disabilities (3)

Select two courses to correspond to your areas of content concentrations (6):

- EDLA 4400 Concepts and Methods in Language Arts for Middle Childhood Education (3)
- EDMT 4460 Concepts and Methods in Middle Childhood Mathematics (3)
- EDRD 4450 Concepts and Methods in Reading for Middle Childhood Education (3)
- EDSC 4470 Concepts and Methods in Middle Childhood Science (3)
- EDSS 4480 Concepts and Methods in Middle Childhood Social Studies (3)

Area H: Student Teaching (12 semester hours)

Students must successfully complete all courses in Area G.3 to be authorized to enroll in Area H courses.

Pre-Service Certificate: All students who are accepted into a teacher education program and will be completing a field placement must complete the requirements to obtain a Pre-Service Certificate through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module. To apply for the Pre-Service certificate, go to the GSU certification page and complete the GaPSC form and submit all required materials to the GSU certification officer in the College of Education and Human Development Office of Academic Assistance and Graduate Admissions on the 3rd floor of the COE building, Suite 300.

Students must earn a grade of "B" or higher in each course used to fulfill Area H requirements.

Required for students **NOT** adding the Special Education General Curriculum Concentration (12):

- EDCI 4640 Critical Issues in Middle Grades Education-CTW (3)
- EDCI 4650 Opening School Experience (0)
- EDCI 4700 Student Teaching in Middle Grades (9)

Required for students adding the Special Education General Curriculum Concentration (12):

- EDCI 4640 Critical Issues in Middle Grades Education-CTW (3)
- EDCI 4650 Opening School Experience (0)
- EDCI 4700 Student Teaching in Middle Grades (6)
- EXC 4671 Educational Partnerships and Practicum II: Special Education General Curriculum: Consultative (3)

Exit Criteria:
Successful completion of all program coursework.
Successful completion of professional portfolio.

Students must post passing scores on the GACE Content Assessments, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Total Program: minimum of 120 semester hours

Total Program for the Concentration in Special Education General Curriculum: minimum of 129 hours

4200 Minor in Educational Psychology

Department of Educational Psychology, Special Education and Communication Disorders
850 College of Education Building, 404-413-8040
http://esc.education.gsu.edu/
Laura Fredrick, Chair

The minor is designed to provide undergraduate students with knowledge and expertise in Educational Psychology. Educational Psychologists are interested in applications of psychology to education, broadly defined. A minor in Educational Psychology will allow students to explore learning and teaching in classrooms as well as other educational outreach programs. Such explorations, along with students' knowledge of major content areas, will provide viable possibilities for future careers and a deeper appreciation for learning in a variety of contexts.

Coursework counting toward the minor cannot also count toward Area A-E of the undergraduate degree.

A grade of C or higher is required in all courses counting toward the minor.

The coursework in the minor will include three required courses focusing on Educational Psychology to ensure students explore and research critical areas of the field.

A. Required (9):

- EDUC 2130 Exploring Learning and Teaching (3)
- EPY 2050 Human Growth and Development (3)
- EPY 4960 Seminar in Educational psychology (3)

B. Students must select 9 hours (**at least 6 hours at or above the 3000 level**) from the following list:

- EDUC 2120 Exploring Sociocultural Perspectives of Diversity in Educational Context (3)
- EPY 2040 The Science of Learning: Theories, Application, and Practice (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EPY 4190 Introduction to Behavioral Analysis (3)
- EPY 4360 Learning and Development During Adolescence (3)
- Another course may be selected with consent of advisor.

Total Program: minimum of 18 Hours

Students who have questions regarding the Minor in Educational Psychology may contact the College of Education and Human Development Office of Academic Assistance at 404-413-8000 or the Department of Educational Psychology, Special Education, and Communication Disorders at 404-413-8040.

4210 Minor in Special Education - High Incidence Disabilities

Department of Educational Psychology, Special Education and Communication Disorders
850 College of Education Building, 404-413-8040
http://esc.education.gsu.edu/
Laura Fredrick, Chair

The minor in Special Education – High Incidence Disabilities provides undergraduate students with knowledge and experiences in special education focused on students with behavior and learning disabilities (e.g., learning disabilities, emotional disturbance, ADHD, speech and language disorders, mild intellectual disabilities). These disabilities are the most frequently represented areas of disabilities in schools today with students being served across a continuum of placements. Students will take courses from within the Department of Educational Psychology, Special Education, and Communication Disorders.

A grade of C or higher is required in all courses counting toward the minor.

Students interested in teacher certification in special education should review the certification requirements page and contact the College of Education and Human Development Office of Academic Assistance and Graduate Admissions, 404-413-8000, College of Education building, 3rd floor, Suite 300.

Program of Study

Students will be required to take the following 3 courses:

- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3) or EXC 4010 Characteristics of Students with Disabilities (3)
- EXC 4570 Individual and Classroom Management (3)
- EXC 4580 Instructional Methods for Students with Behavior and Learning Disabilities (3)

Students will be required to choose 3 of the following courses:

- CSD 4320 Introduction to Language Disorders (3 hours)
- EDUC 3010 Introduction to Urban Education (3 hours)
- EPY 2050 Human Growth and Development** (3)
- EXC 4560 Educational Evaluation of Students with Disabilities (3)
- EXC 4590 Functional and Social Methods for Students with Behavior Learning Disabilities (3)
- EXC 4600 Infusing Co-Teaching Strategies across the Content Areas (3 hours)

Total Program Hours: 18 hours

4220 Minor in Urban Education

The minor in urban education is an interdisciplinary program in the College of Education and Human Development. Courses are taught by faculty from the Departments of Early Childhood and Elementary Education; Educational Policy Studies; Educational Psychology, Special Education, and Communication Disorders; Learning Technologies; and Middle and Secondary Education. The minor in urban education provides undergraduate students with knowledge and experiences in urban education.

The minor must consist of 15-18 hours of coursework as outlined below with at least 9 hours in 3000-4000-level courses.

Coursework counting toward the minor cannot also count toward Area A-E of the undergraduate degree.

A grade of C or higher is required in all courses counting toward the minor.

A. Required: (6)

- EDUC 3010 Introduction to Urban Education (3)
- EDUC 4660 Field Based Research in Urban Education (3)

B. Select one: (3)

- ECE 3010 Introduction to Early Childhood Education (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EDCI 3250 Introduction to Teaching in Secondary Schools (3)
- EDCI 4810 Directed Readings in Teaching and Learning (3)
- EDUC 4982 Undergraduate Research in Urban Education (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)

The course selected in section B cannot also be used fulfill section C.

C. Select two to three: (6-9)

- ECE 3010 Introduction to Early Childhood Education (3)
- ECE 3550 Children's Literature in the 21st Century (3)
- ECE 3560 Media and Children's Learning (3)
- ECE 4700 Issues in International Education (3)
- EDCI 3220 Understanding and Supporting Middle School Learners (3)
- EDCI 3230 From Ferris Bueller to Freedom Writers: Images of Education in Film (3)
- EDCI 3240 Education or Incarceration: Schools, Communities, and the Prison Industrial Complex (3)
- EDCI 3250 Introduction to Teaching in Secondary Schools (3)
- EDCI 4100 Service Learning in Action (3)
- EDCI 4810 Directed Readings in Teaching and Learning (3)
- EDLA 3200 Topics in Middle Grades Language Arts (3)
- EDMT 3350 Topics in Middle Grades Mathematics (3)

- EDRD 3490 Reading Methods for Middle Childhood Education (3)
- EDRD 3500 Assessment/Instruction of Middle School Childhood Students with Reading Difficulties (3)
- EDSC 3250 Topics in Middle Grades Science (4)
- EDSS 3400 Topics in Middle Grades Social Science/History (3)
- EDUC 2110 Investigating Critical and Contemporary Issues in Education (3)
- EDUC 2120 Exploring Sociocultural Perspectives on Diversity in Educational Contexts (3)
- EDUC 2130 Exploring Learning and Teaching (3)
- EDUC 3333 Field Experiences in International Education (3)
- EDUC 4982 Undergraduate Research in Urban Education (3)
- EPY 3010 Learning, Memory, and Cognition in the Real World (3)
- EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)
- LT 2210 Integrating Technology into the Elementary Classroom (3)
- LT 3210 Teaching, Learning, and Technology Integration (3)

Students who have questions regarding the Minor in Urban Education may contact the College of Education and Human Development Office of Academic Assistance at 404-413-8000.

4300 Initial Certification in Special Education General Curriculum P-12

Department of Educational Psychology, Special Education and Communication Disorders
850 College of Education Building, 404-413-8040
Laura Fredrick, Chair
http://esc.education.gsu.edu/

This is an initial certification program for undergraduate students or post-baccalaureate at Georgia State University Students seeking admission to this initial certification program, must have a minimum cumulative GPA of 2.5; have passing scores on the GACE Program Admission Assessment or demonstrate an exemption; and complete the Georgia Educator Ethics – Program Entry (350) Assessment, and tort liability insurance.

Undergraduate students at Georgia State University must meet the requirements jointly set by their major department and the Department of Educational Psychology, Special Education and Communication Disorders.

Pre-Service Certificate: All students who are accepted into a teacher education program and will be completing a field placement must complete the requirements to obtain a Pre-Service Certificate through the Georgia Professional Standards Commission which includes a criminal background check and the ethics module. To apply for the Pre-Service certificate, go to the GSU certification page and complete the GaPSC form and submit all required materials to the GSU certification officer in the College of Education and Human Development Office of Academic Assistance and Graduate Admissions on the 3rd floor of the COE building, Suite 300.

Certification: Students must post passing scores on the GACE Content Assessment, Georgia Educator Ethics – Program Exit (360) Assessment, and edTPA in order to be recommended by Georgia State University for clear, renewable certification.

Program Requirements

Students who do not satisfactorily pass a course (grade of 'B' or higher) must retake the course and satisfactorily pass the course prior to taking additional courses in the program. Courses may be repeated once.

The sequence of required certification courses are as follows:
EPY 2050 Human Growth and Development (3)
EXC 4010 Characteristics of Students with Disabilities (3)
EXC 4560 Educational Evaluation of Students with Disabilities (3)
EXC 4570 Individual and Classroom Management (3)
EXC 458o Instructional Methods for Students with Behavior Learning Disabilities (3)
EXC 4590 Functional and Social Methods for Students with Behavior Learning Disabilities (3)
EXC 4650 Opening School Experience (0)
EXC 4661 Practicum I: Special Education General Curriculum: Consultative (3)
EXC 4671 Educational Partnerships and Practicum II: Special Education General Curriculum: Consultative (3)

Total hours for certification: 24 semester hours

Undergraduate students also are required to complete EDUC 2110 Investigating Critical and Contemporary Issues in Education, EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts, and EDUC 2130 Exploring Learning and Teaching.

Post-Baccalaureate students are required to complete 15 hours in a content concentration in social science, science, math, language arts, or reading if not already completed in an undergraduate program. This will be determined through a transcript review. Students can also take the 3 reading endorsement courses to satisfy requirements for "Highly Qualified".

4310 Initial Certification in Healthcare Science

Department of Middle and Secondary Education
600 College of Education Building, 404-413-8060
Gertrude Tinker Sachs, Chair
http://mse.education.gsu.edu/

The department offers undergraduate courses to allow individuals from specific areas of healthcare to become teachers at middle and secondary schools based on occupational work experience, industry licensing and assessments, and an Associate's Degree in a Georgia Professional Standards Commission (GaPSC) eligible healthcare field. Applicants to this program have qualified for the Healthcare Science Induction certificate in Georgia and are required to complete an approved program to convert to the Professional certificate. This GaPSC Approved program leads to initial certification only.

Students seeking Career and Technical Specializations certification who do not hold an associate's degree must pass the GACE Program Admission Assessment within three (3) years of program admission or prior to program completion, whichever occurs first. All students must take Georgia Educator Ethics – Program Entry (350) Assessment for program admission and pass the Georgia Educator Ethics – Program Exit (360) Assessment for program completion. Successful completion of the following courses qualifies a person for either a second Induction or Professional certificate, depending upon the current level of certification. Students are admitted through a special application process once a year in summer session; they may take these courses either as non-degree or degree-seeking students. Classes offered in fall and spring may be available in a synchronous online format.

Contact the Department of Middle and Secondary Education at 404-413-8060 for additional information.

Required (21):

EDBT 3020 Instructional Development in Technology/Career Education (3)
EDBT 3360 Foundations of Management and Safety in Technology/Career Education (3)
EDBT 3690 Teaching Practicum in Technology/Career Education (3)
EDBT 3700 Teaching Practicum in Technology/Career Education (3)
EDBT 3710 Teaching Practicum in Technology/Career Education (3)
EDBT 4250 Principles and Practices in Technology/Career Education
EDBT 4570 Instructional Strategies in Technology/Career Education (3)
EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

Total hours for certification: minimum of 24 semester hours

4320 Initial Certification in Career and Technical Specializations

Department of Middle and Secondary Education
600 College of Education Building, 404-413-8060
Gertrude Tinker Sachs, Chair
http://mse.education.gsu.edu/

The department offers undergraduate courses to allow individuals from specific areas of industry, information technology and other occupational fields to become teachers at middle and secondary schools based on occupational experience, industry licensing and assessments, and the minimum educational level required for the field. Applicants to this program have qualified for the Induction certificate in Georgia and are required to complete an approved program to convert to the Professional certificate. This Georgia Professional Standards Commission (GaPSC) Approved program leads to initial certification only.

Students seeking Career and Technical Specializations certification who do not hold an associate's degree must pass the GACE Program Admission Assessment within three (3) years of program admission or prior to program completion, whichever occurs first. All students must take Georgia Educator Ethics – Program Entry (350) Assessment for program admission and pass the Georgia Educator Ethics – Program Exit (360) Assessment for program completion. Successful completion of the following courses qualifies a person for either a second Induction or Professional certificate, depending upon the current level of certification. Students are admitted through a special application process once a year in summer session; they may take these courses either as non-degree or degree-seeking students. Classes offered in fall and spring may be available in a synchronous online format.

Contact the Department of Middle and Secondary Education at 404-413-8060 for additional information.

Required (21):

EDBT 3020 Instructional Development in Technology/Career Education (3)
EDBT 3360 Foundations of Management and Safety in Technology/Career Education (3)
EDBT 3690 Teaching Practicum in Technology/Career Education (3)
EDBT 3700 Teaching Practicum in Technology/Career Education (3)
EDBT 3710 Teaching Practicum in Technology/Career Education (3)
EDBT 4250 Principles and Practices in Technology/Career Education
EDBT 4570 Instructional Strategies in Technology/Career Education (3)
EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities (3)

Total hours for certification: minimum of 24 semester hours

4400 Graduate Degree Programs

The College of Education and Human Development offers the following graduate degree programs:

Master of Arts in Teaching:

- Early Childhood Education
- English Education
- English to Speakers of Other Languages (ESOL) Education
- Mathematics Education
- Middle Level Education (with concentrations in Language Arts and Social Studies or Mathematics and Science)
- Science Education
- Social Studies Education

Master of Education:

- Behavior/Learning Disabilities
- Early Childhood Education — Urban Accelerated Certification and Master's Program
- Educational Leadership
- Elementary Education
- Health and Physical Education
- Mathematics Education
- Multiple and Severe Disabilities [with concentrations in Adapted Curriculum (Intellectual Disabilities); Adapted/General Curriculum (Autism Spectrum Disorders), Deaf Education, Early Childhood Special Education General Curriculum, Physical and Health Disabilities(Orthopedic Impairments)]
- Reading, Language, and Literacy Education
- School Counseling (with concentrations in Elementary/Middle Grades School Counseling, Secondary School Counseling)
- School Psychology
- Science Education (online only)
- Social Studies Education
- Urban Teaching Leadership

Master of Science:

- Clinical Rehabilitation Counseling
- Communication Sciences and Disorders
- Educational Psychology
- Educational Research
- Exercise Science
- Instructional Design and Technology
- Mental Health Counseling
- Social Foundations of Education

- Sports Administration
- Sports Medicine

Specialist in Education:

- Educational Leadership
- School Counseling
- School Psychology

Doctor of Education:

- Curriculum and Instruction
- Educational Leadership

Doctor of Philosophy:

- Counseling Psychology
- Counselor Education and Practice
- Early Childhood and Elementary Education
- Education of Students with Exceptionalities (with concentrations in Autism Spectrum Disorders, Behavior Disorders, Communication Disorders, Early Childhood Special Education, Learning Disabilities, Intellectual Disabilities , Physical and Health Disabilities (Orthopedic Impairments), Deaf/Hard of Hearing)
- Educational Policy Studies (Educational Leadership; Research, Measurement, and Statistics; Social Foundations of Education)
- Educational Psychology
- Instructional Technology (with concentrations in Alternative Instructional Delivery Systems, Instructional Design, Management, Research, and Consulting);
- Kinesiology (with concentrations in Biomechanics and Physical Rehabilitation, Exercise Physiology, Exercise Psychology, and Physical Education Teacher Education)
- School Psychology
- Teaching and Learning (with concentrations in Language and Literacy, Mathematics Education, Music Education, Science Education, Social Studies Education, and Teaching and Teacher Education)

Information concerning admissions to the College of Education and Human Development graduate programs is also available online at http://education.gsu.edu/admissions/graduate-admissions/ and from the Office of Academic Assistance and Graduate Admissions, 300 College of Education Building, Georgia State University, Atlanta, GA 30303-3083, 404/413-8000.

5000 Byrdine F Lewis School of Nursing and Health Professions

Undergraduate programs in the Byrdine F Lewis School of Nursing and Health Professions are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

5010 General Information

The Byrdine F Lewis School of Nursing and Health Professions is committed to the preparation of professionals in the areas of Nursing, Nutrition, Respiratory Therapy and Health Informatics. The programs are designed to meet the health and human service needs of the citizens of Georgia. Involvement in research and practice in the urban community is encouraged. The programs are responsive to the needs of students entering both first and second careers. Courses are delivered through a variety of modes including classroom and laboratory instruction, web-based instruction, and distance technology.

5010.10 Office of the Dean

816 Urban Life
404-413-1100
snhp.gsu.edu/

Andrew Butler, Interim Dean and Associate Dean for Research
Lynda Goodfellow, Associate Dean for Academics

5010.30 Accreditation

The baccalaureate program in the School of Nursing is approved by the Georgia Board of Nursing and is accredited by the Commission on Collegiate Nursing Education. The Commission on Accreditation of Allied Health Education Programs accredits the baccalaureate program in the Department of Respiratory Therapy in collaboration with the Committee on Accreditation for Respiratory Care Education. The Didactic Program in Dietetics in the Department of Nutrition is accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association.

5010.40 Degree Programs

The School of Nursing and Health Professions offers a Bachelor of Science degree with majors in nursing, nutrition and dietetics, and respiratory therapy. The School also has a Bachelor of Interdisciplinary Studies in Health Informatics.

5010.70 Admission to Professional Programs

Acceptance to Georgia State University into one of the majors in the School of Nursing and Health Professions allows a student to take prerequisite course work leading to the professional program. A separate application process is required for acceptance into the professional programs in nursing, nutrition, respiratory therapy and health informatics.

The professional program in nursing begins in the fall and spring semesters only. The professional programs in nutrition and respiratory therapy begin annually in the fall semester only. The BIS in Health Informatics will have new cohorts in the Fall, with Spring cohorts as deemed appropriate. Admission into these programs is highly competitive, and students are encouraged to inquire about admission criteria, policies, and deadlines as soon as possible. Admission information and requirements for each program are included in the section on the major.

It is highly recommended that a student wishing to enter the programs in nursing, nutrition and respiratory therapy take one year of biology and one year of chemistry in high school.

Applicants for admission to the professional programs must be able to demonstrate prior to admission an ability to meet certain technical standards of performance which are necessary to carry out their activities as health professionals. They must be able to communicate effectively and efficiently in oral and written form. Applicants for admission must demonstrate the functional use of their senses that will allow them to elicit appropriate information, as well as to perceive nonverbal communications from patients or clients whom they are serving. Additionally, each of these applicants should be able physically to provide reasonable care and emergency treatment when necessary.

The School of Nursing and Health Professions reserves the right to require the withdrawal of any student at any time in order to preserve and maintain the program's standards of scholarship and conduct.

International applicants to the School of Nursing and Health Professions whose native language is not English, regardless of language of instruction, may be required to submit acceptable results from an English proficiency examination.

Each division may require other, more specific, technical abilities in its consideration of candidates for admission to its program.

5020 Academic Regulations

5020.10 Credit for Transfer Work

The specific credit for work done at other institutions that may apply toward a degree from the School of Nursing and Health Professions is determined by the Undergraduate Admissions Office, the University Advisement Center, the School of Nursing and Health Professions Office of Academic Assistance, and, if appropriate, department the student is applying for. Allowance of transfer credit by the Office of Admissions does not mean necessarily that all such credit will be accepted toward a degree from the School of Nursing and Health Professions.

5020.20 Credit for Transient Work

Students in the School of Nursing and Health Profession who wish to take course work at another college must have prior written approval from the University Advisement Center or the Office of Academic Assistance if they wish to apply that credit to a degree program. The student must be in good academic standing at Georgia State University. A student may not take more than four courses as a transient student. Courses that have been failed at Georgia State may not be retaken at another institution. Please consult the "Academic Regulations" section of this catalog for additional regulations pertaining to transient status.

5020.30 Clinical, Field Experience or Internship

As part of the degree completion requirements in the School of Nursing and Health Professions, the student will be placed in a clinical setting which requires the student to care for and/or be exposed to individuals and patients of all ages and with a variety of diagnoses and symptoms, some of which are communicable and infectious. However, unless otherwise required by law, the School of Nursing and Health Professions does not grant special consideration or waiver of any degree completion requirements, including placement in a clinical setting.

Please note that majors must complete a clinical program during their matriculation. Some students will be placed with a clinical affiliate that gives care to vulnerable populations or deals with sensitive information. As a result, the agency or affiliate may request a criminal background check and/or drug screen as a prerequisite for placement. If students use illegal drugs, have a criminal record before they declare their major, or acquire a criminal record after declaring their major, they might be prohibited from participating in the clinical program.

5020.40 Graduation

Coursework with a grade of D can satisfy no more than 12 semester hours of degree requirements. A minimum grade of C is required in all major courses. Certain programs may require a grade of C or higher in other courses as well. A 2.00 grade point average is required for graduation.

Any deviations from catalog requirements are unauthorized except by approval of the department, or by written petition filed through the Office of Academic Assistance and properly approved by the appropriate committee.

Please note that licensing boards or agencies for program-related occupations may deny, suspend or revoke a license if an applicant has a criminal history or licensee is convicted, pleads guilty or nolo contendre to a felony or other crime. Students should consult the licensing board corresponding to their intended occupations for more details. Successful completion of a program of study in the School of Nursing and Health Professions does not guarantee licensure, certification, or employment in the relevant occupation.

5030 Degree Requirements

The undergraduate programs in the School of Nursing and Health Professions are designed to comply with the University System of Georgia core curriculum requirements. The program requirements for Undergraduate Core Curriculum Areas A through E are listed in the "Core Curriculum" chapter of this catalog. Recommendations of specific courses in the core curriculum for nursing, nutrition and respiratory therapy students are listed below as well as in each program section. Area F requirements for the major and other course requirements are found in the sections of this chapter which describe the specific major.

5030.10 Core Curriculum Recommendation

Area B: Institutional Options:

It is suggested that nursing majors take Phil 1010 as one of the two required courses, as critical thinking skills are an essential piece of the nursing profession.

Area C: Humanities and Fine Arts:

It is suggested that nursing majors take Spanish 1002 as one of the two required courses.

Area D: Science, Mathematics and Technology:

It is strongly recommended that respiratory therapy majors take Chem 1151K and 1152K. For nutrition majors, Chem 1151K and 1152K is required.

Area E: Social Sciences:

It is strongly recommended that nursing majors take Psyc 1101 as the social science foundations selection as it is a prerequisite to Psych 3140.

5030.20 Program Admissions

The clinical health informatics, nursing, nutrition and respiratory therapy programs because of their professional nature, have more stringent admission requirements than those of Georgia State University.

Health Informatics

Admission is by application. All SNHP BIS degree prerequisites must be completed for the Clinical Informatics concentration and all RCB BIS degree prerequisites must be completed for the Health Information Technology Management or Health Administration Management concentrations, with a GPA of 3.0 or better. The prerequisites will be listed in the curriculum section of the BIS. Students generally apply at the end of their second year (sophomore) when pre-requisite courses are complete and will begin this BIS program in the junior year. A new cohort starts each fall semester initially, with cohorts starting in Spring semester as well if the demand is appropriate. As demand for this major grows, the need to limit the number of times a student can apply and additional admission criteria will be re-evaluated. The application deadline for Fall is March 15th. The application deadline for Spring is October 1st.

Nursing

The applicant must meet the general admission requirements of Georgia State University and the School of Nursing. Acceptance to the university allows the student applicant to register for prerequisite course work leading to the professional program in nursing and but does not guarantee automatic admission into the nursing program. Acceptance into the professional program requires a separate application and admissions process. Applicants are admitted on a space-available basis. The University gives some preference to applicants who began their college careers at Georgia State and meet all other criteria. Due to the high demand for this major, the need to limit the number of times a student can apply and additional admission criteria will be re-evaluated on a continuous basis and changes will be made as necessary.

Two program options are available in the undergraduate nursing program: the traditional option and ACE (Achieving the Curriculum Expeditiously). The traditional option is six semesters and does not require summer classes. The ACE option is four semesters, including summer over a 16-month period. Students in both options have identical degree requirements; however, the ACE option has more stringent application requirements.

The RN-BS is an undergraduate degree option, however it is only open to students who hold a current RN license and have graduate from an NLN-Accredited associate degree or diploma. The RN-BS only admits in the summer.

Traditional Option Prerequisites: The following courses are prerequisites, which must be completed before entering the traditional option in the fall or spring semester.

- BIOL 1110K, BIOL 1120K – Anatomy & Physiology 1 & 2
- BIOL 2300, BIOL 2310 – Microbiology with lab
- CHEM 1151K, CHEM 1152K – Survey of Chemistry 1 & 2 —. PHYS 1111K, PHYS 1112K (Introductory Physics 1 & 2) OR BIOL 1103K, BIOL 1104K (Introductory Biology 1 & 2) are accepted.

It is recommended that Nurs 2010 be taken before beginning the nursing courses, but it is not required.

Traditional Option Requirements:

1. Acceptance to Georgia State University.
2. Completion of 9 hours of the science courses in the prerequisite courses listed above and English 1101.
3. A minimum grade point average of 3.30. Higher grade point averages receive preference for admission. A minimum grade point average of 3.30 in the sciences courses listed in the prerequisite courses. In computing this GPA, only the first two attempts at a course will be will be considered. Even if a student repeats a course under Georgia State's repeat-to-repeat policy, only the first two attempts will be considered in the Nursing admissions process.
4. Successful completion of the current version of the Test Essential Academic Skills (TEAS).
5. A two-page typed paper discussing the applicant's position on a current social or health-related issue.
6. Two letters of reference. One should be academic (high school or college instructor); one should be professional (employer, volunteer organization, etc.).

7. An Application Cover Sheet form.
8. Answers to a short list of questions that are included with the Application Cover Sheet form.

ACE Option Prerequisites: The ACE option requires the following prerequisites, in addition to those listed for the traditional option, be completed before entering the first semester of the ACE option.

- All Core Curriculum requirements, Areas A-E
- NURS 2010 (Health and Human Development Across the Lifespan)
- SNHP 3000 (Communication and Cultural Diversity)
- PSYC 3140 (Abnormal Psychology)

ACE Option Requirements:

1. Acceptance to Georgia State University.
2. Completion of 9 hours of the science courses in the prerequisites courses listed above and English 1101.
3. A minimum grade point average of 3.30. Higher grade point averages receive preference for admission. A minimum grade point average of 3.30 in the science courses listed in the prerequisite section. In computing this GPA, only the first two attempts at a course will be considered. Even if a student repeats a course under Georgia State's repeat-replace policy, only the first two attempts will be considered in the Nursing admissions process.
4. Successful completion of the current version of the Test Essential Academic Skills (TEAS).
5. A two-page typed paper discussing the applicant's position on a current social or health-related issue.
6. Two letters of reference. One should be academic (high school or college instructor); one should be professional (employer, volunteer organization, etc.).
7. An Application Cover Sheet form.
8. Answers to a short list of questions that are included with the Application Cover Sheet form.
9. Successful completion of the legislative requirements in U.S. and Georgia History, and U.S. and Georgia Constitution,advisement.gsu.edu/self-service/testing/georgia-history-and-constitution-legislative-requirements/.

A person may apply to Nursing only twice. If not accepted on the first application, applicants who have earned fewer than 89 credit hours must meet with an advisor in the University Advisement Center. Applicants who have earned at least 89 credit hours and are not accepted on the first application must meet with an admission advisor in the School of Nursing.

A student who has a cumulative Georgia State GPA below 3.0 at the end of their first semester at Georgia State is permanently ineligible to apply to enter Nursing.

A student who has a cumulative Georgia State GPA below 3.3 at the end of their third semester at Georgia State is permanently ineligible to apply to enter Nursing.

Admission selection for both options is based on GPA, number of and grades earned in required science courses taken, score on the nursing entrance exam, letters of reference, and a social/health issue paper. If the applicant's native language is not English, regardless of language of instruction, he or she may be

required to submit acceptable results on the Georgia State Test of English Proficiency (GSTEP) or the Test of English as a Foreign Language (TOEFL).

It is important that applicants are aware of the current level of competition for admission. The program can accommodate only a limited number of students each year.

The application deadline for the fall semester is March 1. The application deadline for the spring semester is October 1. Early applications are advisable. Application requirements and information about the Test Essential Academic Skills (TEAS) Test are available on the Nursing website http://nursing.gsu.edu/academics/undergraduate/frequently-asked-questions/. The cost of the exam is the applicant's responsibility.

Upon receipt of an acceptance letter, the student will be required to complete the Program Intake for Nursing School orientation on Desire2Learn and attend an orientation meeting before the first semester of nursing classes begin. The student must complete required forms and health-related requirements prior to the first semester of nursing classes. The accepted student must submit to Nursing a current health record (and must keep this record current). Evidence of in-force liability insurance and current cardiopulmonary resuscitation certification by the American Heart Association is required for enrollment in clinical nursing courses. Students may be required to have a criminal background check and a drug screen based on hospital policy. It will be the student's responsibility to pay for any cost associated with the criminal background check and/or drug screen.

When applying to the Georgia Board of Nursing to take NCLEX upon graduation, students will be required to complete a criminal background check and drug screen according to a Georgia law that went in to effect in July 2008. Students may be required to provide documentation to the Georgia Board of Nursing explaining any such positive findings on the criminal background check. The Georgia Board of Nursing has the exclusive authority to issue a license for the Registered Professional Nurse and could decline to issue a license based on an applicant's prior criminal record. Further information regarding this requirement can be obtained from the Georgia Board of Nursing or any other state licensing board where practice is contemplated.

Nutrition

Admission to the DPD requires completion of prerequisite courses and an application to the department. Application packets are available in February of each year and must be returned to the Office of Academic Assistance for review. Applications will be reviewed throughout the year for applicants who have met prerequisite requirements. March 1 is the deadline for fall admission. Applicants who plan to complete their prerequisite requirements after March 1 should submit their applications by the March 1 deadline, but they will be reviewed once final transcripts are received. Courses in nutrition, organic chemistry, human physiology, microbiology, and biochemistry must be completed within ten years prior to beginning the DPD. A student must have a minimum 2.8 GPA and must have a letter grade of C or higher in all science and nutrition courses. Selection will be based upon academic performance, a letter of reference from a college professor, and a statement of professional goals.

Nutrition courses completed at other institutions may be considered for transfer credit if they have been completed within ten years prior to beginning the DPD.

Respiratory Therapy

Admission to the Department of Respiratory Therapy is limited. In addition to meeting the general admission requirements of the university, the applicant must meet the specific admission requirements and regulations of the Department of Respiratory Therapy. Acceptance into the program is based competitively on the factors of demonstrated academic ability, consistency of performance, personal qualifications, including motivation and interpersonal abilities.

International applicants whose native language is not English, regardless of language of instruction, must submit acceptable results from the Georgia State Test of English Proficiency (GSTEP). Because of the communication demands in the profession of respiratory therapy, both with patients and staff members, and the critical nature of clinical care, adequate verbal and written comprehension of English is necessary.

Individuals who desire to pursue respiratory therapy as a profession and show academic ability may apply for admission. Enrollment in the Department of Respiratory Therapy is limited and, therefore, early application is advisable. The application deadline is May 1st proceeding the fall semester in which admission is desired. The Office of Admissions evaluates the credentials of students transferring from other colleges and universities. Acceptance into the university does not ensure admission into the respiratory therapy program.

Students taking the prerequisite courses in colleges or universities other than Georgia State University should take equivalent course work.

Students are admitted into the professional courses in the fall of the junior year. A minimum grade point average of 2.50 is required. Higher GPAs receive preference for admission.

A.S. to B.S. Program

Requirements for Admission

- Admission to Georgia State University in the Byrdine F Lewis School of Nursing and Health Professions with a major in respiratory therapy.
- A complete Advanced Standing application for admission to the respiratory care program.
- Notarized copy of RRT certificate.
- AARC Student Membership.
- GPA at least 2.5

Program Highlights

Bridge students must complete University core education requirements (see General Education Courses), as mandated by the University System for a Bachelor's degree. Many students have coursework from other schools that can transfer to satisfy some of the required prerequisite courses. Georgia State University also requires that 39 semester hours in the major area (Respiratory Therapy) be completed in residence (at Georgia State). The suggested courses are listed, which represent the most advanced coursework in the Bachelor program in the Bachelor degree program (See AreaG: Major).

Credit by Validation for 30 semester hours is given based on the RRT credential. This includes all clinical

coursework

Students must also demonstrate knowledge of the history and constitutions of the United States and Georgia by either completing an American History and an American Government course, or by taking exams to fulfill these requirements after enrollment at Georgia State. Information is available at http://advisement.gsu.edu/self-service/testing/georgia-history-and-constitution-legislative-requirements/.

Students have the option to Test Out of a Course, if they are competent in the course area, with the exception of the final capstone course, RT 4950, Directed Study (Contact course instructor for further information).

An Integrated B.S. to M.S. degree is an option to those who have a bachelor's degree in another field and wish to enter the respiratory therapy profession. See the Graduate Catalog for details.

5040 Academic Advisement

The Byrdine F Lewis School of Nursing and Health Professions is committed to providing advisement, counseling, and referrals to help students achieve academic success. Students in the School receive advisement from faculty members as well as from professional academic advisors in the Office of Academic Assistance located in the Urban Life Building Room 811. All students with 89 hours or less are advised by the University Advisement Center, http://advisement.gsu.edu/self-service/university-advisement-center/. All students with 90 hours or more are advised by professional advisors located in the School of Nursing and Health Professions Office of Academic Assistance, http://snhp.gsu.edu/student-resources/academic-assistance/.

5050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the Byrdine F Lewis School of Nursing and Health Professions will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog or visit www.gsu.edu/enrollment/appeals.html online for details.

5060 Honors and Awards

Maymi Walker Chandler Memorial Scholarship: This award was established in memory of Maymi Walker Chandler in recognition of her commitment to the professional development of women. The award recognizes students who demonstrate academic excellence and leadership.

Kaiser Permanente Undergraduate Nursing Scholarship: These scholarships are funded by Kaiser Permanente, one of America's leading health care organizations, and are given to undergraduate students in recognition of academic achievement.

Kaiser Permanente Endowed Nursing Scholarship: This scholarship was established to benefit graduate students who are interested in pursuing a career as a nurse educator.

Barbara Haltiwanger Nursing Scholarship Endowment: This award was established in memory of Barbara Haltiwanger. The scholarship is awarded to undergraduate students who are midway through their nursing education and who demonstrate academic excellence, exhibt character and motivation, and are committed to a career in adult health nursing.

Byrdine F Lewis Clinical Practice Scholarship: This award was established to honor Mrs. Byrdine F Lewis for whom the Georgia State University School of Nursing and Health Professions was named. The scholarship is awarded to undergraduate nursing students who have a strong academic record and who are committed to clinical practice in a hospital setting.

Merle Kennon Lott Scholarship: This award was established in memory of Merle Lott, who was Director of Nursing for the Dekalb County Health Department and a dedicated public health nurse in Georgia for over 30 years. It recognizes students who have demonstrated academic excellence and plan to pursue a career in public health nursing.

Cennette Fisher Jackson Scholarship: This scholarship was established to honor Dr.Cennette Fisher Jackson, a faculty member for 25 years in Nursing program. Awardees are undergraduate students in nursing who espouse the values Dr. Jackson personified: compassion, fairness, collaboration and respect for cultural diversity, and dignity in all people.

Daniel J. Sansone Memorial Scholarship: this award was created in memory of Daniel Sansone, son of Joseph Sansone, founder and CEO of Pediatric Healthcare, LLC. The award is given to an undergraduate student interested in pediatric nursing or respiratory therapy.

Gordon Seagraves Cummings Scholarship: Professor Gordon Cummings taught in the Georgia State University physical therapy program for 27 years. The scholarship recognizes individuals who are critical thinkers and caring, competent practitioner.

James Ancil Lewis Award: This award was established in memory of James Ancil Lewis and honors his exemplary work in respiratory therapy, from his graduation in 1973 until his death in 1992. The award is given to a junior in the program who exemplifies Mr. Lewis' characteristics of service to others, particularly in clinical work and direct patient care.

Nutrition and Dietetics Scholarship: To provide scholarships for undergraduate students majoring in nutrition. Students must have a 3.0 GPA to be eligible.

Pediatria Healthcare Endowed Nursing Scholarship: To provide scholarships to Georgia State University undergraduate and graduate nursing students enrolled in the Byrdine F. Lewis School of Nursing. Students must have a GSU program GPA of 3.0 or higher, and be presently studying or will be studying pediatric nursing at the time of the awarding of the scholarship. Financial need will be taken into consideration.

The units in the School of Nursing and Health Professions may award honors. Criteria for honors are listed below:

1. Students must be recommended and approved by departmental faculty committee.
2. The residence requirements for graduation from Georgia State University must be fulfilled. No courses exempted or validated by examination are considered as being taken in residence.
3. The following grade point average requirements must be met:
    a. A minimum overall accumulated grade point average of 3.0 in all courses excluding professional program courses. This includes all courses applied toward the degree including courses transferred in.
    b. An accumulated grade point average of at least 3.5 in all professional program courses.
    c. Accumulated grade point average will be calculated on courses that apply to the degree including courses transferred in from other schools.

Awards are contingent on final clearance by the Office of Student Financial Aid. Any student receiving aid under any federal financial aid program is limited by the student's "estimated cost of attendance" as to the total amount of aid that may be received. This applies to aid from all sources, public and private. You will find this information in your aid letter from the financial aid office or online in your financial aid record in PAWS.

5110 Health Informatics

Program Offered:

B. I. S. in Health Informatics

1228 Urban Life Center, 404/413-1225
Tamara S. Melton, Program Director and Clinical Instructor
http://snhp.gsu.edu/academics-admissions/programs/health-informatics/

The Mission of this concentration is to prepare graduates to address the expanding complex information technology needs of our healthcare system.

The Goals of the program are as follows:

- A student graduating with a BIS degree in Health Informatics will understand the systems and processes associated with health informatics in the areas of Clinical Informatics; Health Information Technology; and Health Administration Management.
- A student graduating with a BIS degree in Health Informatics will be able to analyze and draw relevant conclusions associated with health informatics in the areas of Clinical Informatics; Health Information Technology; and Health Administration Management.
- A student graduating with a BIS degree in Health Informatics will understand the role of and be able to effectively work in the health information, technology and administration industry.
- A student graduating with a BIS degree in Health Informatics will be able to function as an effective member of a successful interdisciplinary healthcare team.
- A student graduating with a BIS degree in Health Informatics will be an effective critical thinker.
- A student graduating with a BIS degree in Health Informatics will be an effective oral and written communicator.

The Learning Outcomes are the following:

- A student graduating with a BIS degree in Health Informatics will be able to analyze and evaluate the systems and processes associated with health informatics in the areas of Clinical Informatics; Health Information Technology; and Health Administration Management.
- A student graduating with a BIS degree in Health Informatics will demonstrate the ability to effectively function in multifunction teams operating in the field.
- A student graduating with a BIS degree in Health Informatics will present their analysis and evaluations of health information systems and processes as an integrated part of the health information industry and a larger health care system.
- A student graduating with a BIS degree in Health Informatics will use critical thinking in their decision processes.
- A student graduating with a BIS degree in Health Informatics will demonstrate effective oral and written communication skills.

Program Academic Regulations

A minimum grade of C (2.0) is required in all courses designated as health informatics major courses. All health informatics majors must maintain a minimum GPA of 2.0 to remain in the program.

The Byrdine F Lewis School of Nursing and Health Professions reserves the right to require the withdrawal of any student at any time in order to preserve and maintain the school's standards of scholarship and conduct. Furthermore, if the student has been sanctioned for any violation of university rules, procedures, or policies, an automatic review and determination of that student's progress in the program will occur.

5110.10 Curriculum Requirements

Pre-requisites – 42 hours of pre-requisites (Areas A through E) arelisted first followed by Area F which includes pre-requisites related to Clinical Informatics or Health Information Technology Management/ Health Administration Management (includes 18 hours that students must complete prior to admission to the BIS in Health Informatics).

Area F – Courses Related to BIS Program for Clinical Informatics concentration (18 hours)

BIOL 1110K Human Anatomy and Physiology I (4)
BIOL 1120K Human Anatomy and Physiology II (4)
CIS 2010 Achieving Business Goals using Information Systems (3)
SNHP 2000 Introduction to Clinical Informatics (1)
Elective (3)

Area F – Courses Related to BIS Program for Health Information Technology and Health Administration Management concentrations:

ACCT 2101 Accounting I (3)
ACCT 2102 Accounting II (3)
ECON 2105 Macroeconomics (3)
ECON 2106 Microeconomics (3)
CIS 2010 Achieving Business Goals using Information Systems (3)
SNHP 2010 Basic Medical Terminology (3)

Major – 60 hours total in junior/senior years

Area G – Core, 36 hours

SNHP 3010 Advanced Medical Terminology (3)
SNHP 3100 Electronic Health Records ***(CTW)*** *(3)*
SNHP 4010 Healthcare Leadership and Ethics (3)
SNHP 4110 Future Trends –Telemedicine, Telehealth (3)
CIS 3001 Managing Information Technology Projects (3)
CIS 3730 Database Management Systems (3)
CIS 4120 Defining and Innovating Business Processes (3)
CIS 4680 Introduction to Security and Privacy (3)
HA 3900 The US Health Care System (3)
HA 3910 Health Policy in the US (3)
HA 3950 Health Economics and Financing (3)
HA 4450 Legal Concepts in Healthcare (3)

Concentration: Clinical Informatics, 15 hours

SNHP 3105 Health Promotion and Health Informatics (3)
SNHP 4100 Quality & Safety in Healthcare Organizations (***CTW***) (3)
SNHP 4105 Providers and Vendors: A view from both sides (3)
SNHP 4107 Usability and Human Factors (3)
SNHP 4109 Training and Instructional Design (3)

OR

Concentration: Health Information Technology Management/Health Administration Management, 15 hours
CIS 3300 Analyzing Business Systems (3)
CIS 3320 Business Communications /Telecom (3)
CIS 4980 Working with Health IT Teams/Capstone Project ***(CTW)*** (3)
HA 3970 Health Information Systems (3)
HA 4620 Operations Management in Health Care (3)

General electives
Select 9 hours

SNHP 3105 Health Promotion and Health Informatics (3)
SNHP 4100 Quality & Safety in Healthcare Organization ***(CTW)*** (3)
SNHP 4105 Providers and Vendors: A view from both sides (3)
SNHP 4113 Efficient Healthcare Systems – Workflow/ Logistics (3)
SNHP 4115 Business Intelligence and Clinical Analytics (3)
SNHP 4117 Healthcare from the Patient's Point of View (3)
SNHP 4119 Installation and Maintenance of IT Systems (3)
CIS 3260 Introduction to Programming (3)
CIS 3270 Application Programming (3)
CIS 3300 Systems Analysis (3)
CIS 3310 Systems Design (3)

CIS 3320 Telecom for Business (3)
CIS 4000 Introduction to Computer Forensics (3)
CIS 4140 Implementing IT Enabled Business Processes (3)
CIS 4190 IT Enabling the Realtime Organization (3)
CIS 4300 Measuring and Improving Software Quality (3)
CIS 4389 Directed Readings in Information Systems(3)
CIS 4620 Managing Information Services (3)
CIS 4700 Managing IT Project Risk, Vendors and Contracts(3)
CIS 4970 Field Study in Computer Information Systems (3)
CIS 4980 Systems Development Project/Capstone Project ***(CTW)*** (3)
HA 4620 E Operations Management in Health Care (3)

5120 Nursing

Program Offered:

- **B. S. with major in Nursing**

900 Urban Life Center, 404/413-1200
Joan Cranford, Interim Director of Nursing
http://nursing.gsu.edu/

The Byrdine F Lewis School of Nursing and Health Professions offers a curriculum leading to the Bachelor of Science degree with a major in nursing. Upon the completion of the baccalaureate program and subject to the rules of the Georgia Board of Nursing, the graduate becomes eligible to write the National Council Licensure Examination (NCLEX) a requirement for becoming a registered professional nurse.

The university catalog in effect at the time a student is admitted to the nursing program will normally apply to a student. However, the nursing curriculum and other requirements are subject to change in order to comply with regulations of accrediting agencies or with institutional or university-system policies. Every effort will be made to notify students of such changes; however, it is the student's responsibility to become aware of all current program and college requirements. Students who withdraw from the nursing sequence and wish to return will enter under the current catalog if space is available in nursing courses. Academic credit for nursing courses for a student who withdraws from the nursing program is valid for a five-year period. Abnormal Psychology (PSYC 3140) and Anatomy and Physiology I and II (Biol 1110K – 1120K) must be completed within five years prior to beginning the nursing sequence. Special exceptions may be made to this policy for individuals who can document current utilization of the knowledge gained from these classes. All requests for exception will be reviewed by the Interim Director.

Academic advisers work closely with students to plan programs; however, it is the student's responsibility to see that course prerequisites are met as required. The student is expected to follow the program planned in conjunction with the assigned academic and faculty advisers.

Clinical and didactic learning experiences may be scheduled at any time during the day and/or evening hours and on weekdays and weekends; personal schedules must be flexible to meet program requirements. Students will be expected to provide their own transportation to/from both the classroom and clinical settings.

Nursing has the right to make changes in the program, curriculum and courses with appropriate notification. Students will be expected to accommodate these changes as long as the total hours required for graduation are not increased.

The student is responsible for adhering to policies and procedures specified in the Nursing Undergraduate Student Handbook. Degree requirements must be completed in order to meet the eligibility requirements for writing the NCLEX.

Program Financial Information

Clinical practice will require that the applicant obtain student uniforms that meet Nursing program

standards. Additional costs that are the responsibility of the student include 1) the cost of cardiopulmonary resuscitation certification and liability insurance; 2) the cost of lab supplies; 3) the cost of a standardized testing program; and 4) the cost of criminal background checks and drug screens.

Program Academic Regulations

A minimum grade of C (2.0) is required in statistics and all courses designated as nursing. All nursing majors must maintain a minimum GPA of 2.0 to remain in the nursing sequence.

Enrollment in a course may be terminated at any time if, in the judgment of the instructor, the student's behavior jeopardizes patient safety. This termination would result in a course failure and may result in dismissal.

A student may repeat a nursing course in which a grade of D, U, F or WF was received one time only. Failure of the repeated course or a second nursing course results in termination from the program. In the event a student is unsuccessful in NURS 3510, NURS 3610, NURS 3710 or NURS 3810, the student may take one new clinical course (NURS 3510, NURS 3610, NURS 3710, NURS 3810) concurrently with the course that must be repeated.

The Byrdine F Lewis School of Nursing reserves the right to require the withdrawal of any student at any time in order to preserve and maintain the school's standards of scholarship and conduct. Furthermore, if the student has been sanctioned for any violation of university rules, procedures, or policies, an automatic review and determination of that student's progress in the program will occur.

The procedure for reentering students may be found in the previous section entitled "Admission Requirements."

Each teaching team establishes the attendance policies for classroom and clinical experiences. In general, however, all learning experiences are required. Due to the complexity involved in selecting and supervising clinical learning experiences, students are required to complete all assignments promptly.

Selected achievement tests are required throughout the program. An end-of-program exit activity will be required of all nursing students.

Additional information, including information on program, policies and procedures, can be found in the Nursing's Undergraduate Student Handbook. Students are responsible for the information in this handbook as well as that in other university publications.

5120.10 Curriculum Requirements

Area B: Institutional Options:

It is suggested that nursing majors take PHIL 1010 as one of the two required courses, as critical thinking skills are a vital part of the nursing profession.

Area C: Humanities and Fine Arts:

It is suggested that nursing majors take SPAN 1002 as one of the two required courses.

Area D: Science, Mathematics and Technology:

It is recommended that nursing majors take CHEM 1151K and CHEM 1152K or BIOL 1103K and BIOL 1104K or PHYS 1111K and PHYS 1112K.

Area E: Social Sciences:

It is recommended that nursing majors take Psyc 1101 as the social science foundations selection, as it is a prerequisite for Psyc 3140.

Area F: Courses Related to the Program of Study (18)

- BIOL 1110K & BIOL 1120K Human Anatomy and Physiology I & II (8)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Lab (1)
- NURS 2010 Health and Human Development Across the Lifespan (3)
- NURS 2060 Pathophysiology (3)

Area G: Major (49)

- NURS 2040 Conceptual Foundations of Nursing and Trends (1)
- NURS 2061 Pharmacology (3)
- NURS 2080 Basic Concepts of Nursing Care (3)
- NURS 2160 Basic Health Assessment and Nursing Skills (6)
- NURS 3510 Caring For Adult Populations (6)
- NURS 3610 Caring for Childbearing Families (5)
- NURS 3710 Caring for Children and Adolescents (5)
- NURS 3810 Psychiatric/Mental Health Care for Populations (5)
- NURS 4510 Caring for Families and Communities (5)
- NURS 4600 Leadership and Management in Nursing (3)
- NURS 4610 Senior Practicum (4)
- NURS 4620 Complex Health Care Problems Across the Lifespan (3)

Area H: Allied Fields (14)

- SNHP 3000 Communication/Cultural Diversity (3)
- NURS 3300 Human Services Policy, Planning and Trends (3)
- NURS 3500 Research Methods (3)
- NUTR 3200 Introduction to Clinical Nutrition (2)
- PSYC 3140 Abnormal Psychology (3)

Total Program Hours Required: a minimum of 123 semester hours

RN-BS Bridge Program
The RN to BS Bridge program is designated for licensed Registered Nurses with an associate degree or

nursing diploma to earn a Bachelors of Science with a major in nursing. The program is three semesters, 30 credit hours, online program. For the RN-BSN Bridge Program only, the 39 hour Residency Requirement, which is a requirement of all Bachelor degree programs at Georgia State University is waived. Admission to this program is only once per year in the summer.

Admission requirements

- Acceptance to Georgia State University with nursing as the designated major.
- Graduation from an NLN-accredited associate degree or diploma program.
- Current registration to practice as a registered professional nurse in Georgia.
- Evidence of practice – a current resume must be submitted. Individualized evaluation and testing may be done for students with less than 1000 hours of clinical practice in the past 3 years
- Two letters of reference – one professional and one academic. Academic reference must come from school of nursing attended. Professional reference must come from an immediate supervisor. If a student has been out of school for more than 5yrs then a reference from a work colleague may take the place of the academic reference.
- An essay, 2 pages maximum, discussing the students career goals and plan for achieving these goals.
- Grade point average of at least 2.8.
- Must have finished all of the Georgia State University Core requirements areas A-E prior to acceptance to the nursing program
- A minimum grade of C or higher is required for all prerequisites
- Upon receipt of an acceptance letter from the School of Nursing, the student will be required to establish contact with the Office of Records & Information and to complete required forms and health-related requirements prior to entry into the nursing sequence.
- The following prerequisites must be completed prior to completing the program :
    - ENGL 1101, ENGL 1102, (Composition I and II)
    - MATH 1101 or MATH 1111 (Math Modeling or College Algebra)
    - BIOL 1110K and BIOL 1120K (Human Anatomy & Physiology I and II w/labs)
    - Sequence of two science courses with labs from the following: CHEM 1151K and CHEM 1152K (Survey of Chemistry I and II w/ labs) OR BIOL 1103K and BIOL 1104K (Introductory Biology I and II w/ labs) OR PHYS 1111K and PHYS 1112K (Introductory Physics I and II w/ labs)
    - MATH 1070 (Elementary Statistics)
    - PSYC 1101 (General Psychology)
    - BIOL 2300/BIOL 2310 Microbiology and Public Health with Lab
    - PSYC 3140 Abnormal Psychology or its equivalent

Credit is given for the following courses based on R.N. license, successful completion of 7 credit hours and successful completion of the NURS 3490 Professional Concepts bridge course: NURS 2061, NURS 3510, NURS 3610, NURS 3710, NURS 3810, NURS 4610, NURS 4620 and NUTR 3200.

The student must present his or her current license to practice as a registered nurse in the state of Georgia to the academic adviser no later than the time of registration for the first nursing courses. The license number will be recorded at that time. The Georgia Board of Nursing recommends that copies not be made due to the risk of unauthorized duplications.
For general questions about the RN-BS bridge program please contact the BFL Office of Academic Assistance at 404-413-1000.

Accreditation

The baccalaureate program is approved by the Georgia Board of Nursing. The baccalaureate and master's programs are accredited by the Commission on Collegiate Nursing Education.

The School maintains membership in the Council of Member Agencies of the Southern Council on Collegiate Education for Nursing of the Southern Regional Education Board, and the American Association of Colleges of Nursing.

Honors and Awards

Students may graduate with honors if the criteria listed under the "Honors" section of this chapter are met.

Evangeline B. Lane Founders Award: This award is given to all graduating senior students in nursing who have a 3.5 overall average in those courses required for the Bachelor of Science degree in nursing and a 3.67 average in the nursing courses. These recipients will receive a certificate of achievement.

The Byrdine F Lewis School of Nursing and Health Professions is home to the Epsilon Alpha Chapter of the nursing honor society, Sigma Theta Tau International.

The Excellence in Pediatric Nursing is an award given by Children's Healthcare of Atlanta to an individual in each graduating class who has demonstrated high academic achievement and interest in Pediatric Nursing.

5130 Nutrition

Program Offered:

- **B. S. in Nutrition Science and Dietetics**

Department of Nutrition
862 Urban Life Building
404/413-1225

Huanibao Mo, Department Chair
Barbara Hopkins, Director, Didactic Program in Dietetics

http://nutrition.gsu.edu/

The Didactic Program in Dietetics (DPD) is a Bachelor of Science degree program that provides the student with the appropriate course work to apply for a supervised practice program: Dietetic Internship (DI), Coordinated Program (CP), or Individualized Supervised Practice Pathway(ISPP). The DPD is accredited by the Accreditation Council Education in Nutrition and Dietetics (ACEND)of the Academy of Nutrition Dietetics, 120 South Riverside Plaza, Chicago, IL 60606, 312/899-5400. Graduates of the DPD are eligible for any supervised practice program (SPP)accredited by the ACEND, which is required for graduates to take the national examination to become a registered dietitian. An accredited graduate CP is also available in the Department of Nutrition. Contact the department for more information about the CP program.

Mission Statement — Didactic Program in Dietetics (DPD)

To graduate students with the knowledge, insight, and skills to participate effectively as dietetic professionals in a contemporary society

Didactic Program Goals

Goal 1: Prepare graduates to be competent for entry into ACEND accredited supervised practice programs or entry level nutrition positions.

Expected outcomes

- Over a five year period, 50% of graduates will apply to a supervised practice program the year they complete the DPD.
- Over a five year period, 50% of those applying to supervised practice programs the year they complete the DPD will be accepted into a program.
- Over a five year period, the pass rate for DPD graduates taking the registration examination for the first time will be at least 80%.
- Ninety percent of supervised practice directors will indicate that students were prepared for the supervised practice program.
- At least 50% of graduates who are not accepted into a supervised practice program will submit an application to take the registration examination for dietetic technicians.

- Over a five year period, 70% of graduates who are not accepted to supervised practice programs and who respond to the one-year post graduate survey are employed in a nutrition dietetics related field or are in graduate school.

Goal 2: Promote professional development by emphasizing problem-solving skills, lifelong learning skills, and critical thinking skills.

Expected outcomes

- One-year post graduation, 90% of graduates responding to survey will indicate the program prepared them for the profession.
- Within three years of DPD completion, at least 50% of graduates responding to survey will indicate participation in at least one professional activity.
- On average, recent graduates will rate their ability to apply scientific reasoning in problem solving as 4 or better on a 0 to 5 scale.

Goal 3: Attract and retain well qualified candidates.

Expected outcomes

- Ninety percent of students enrolled in DPD will complete program/degree requirements within six semesters.
- Over a five year period, 90% of students who begin the DPD will complete the program.
- Over a five year period, the pass rate for DPD graduates taking the registration examination for the first time will be at least 80%.

Program Financial Information

Students are required to purchase consumable materials in some laboratory courses.

Program Academic Regulations

Once admitted to the DPD, a student must maintain a 3.0 GPA and receive a grade of C or higher in all DPD courses. Students who earn U, D, or F grades in any DPD course cannot continue in the program. Students with DPD GPA averages below 3.0 at the end of the academic year will not be allowed to continue in the DPD. Students who have GPA below 3.0 will not earn verification statements.

Program Degree Requirements

Students must be full-time students and complete program in two (2) years. Semester hours are shown in parentheses following an entry. Requirements for Areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" chapter of this catalog.

Area D: Chemistry 1151K* and 1152K* are required as the lab science sequence.

Area F: Courses Related to the Program of Study (18)

- BIOL 1110K Human Anatomy and Physiology I (4)
- BIOL 1120K Human Anatomy and Physiology II (4)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Lab (1)
- NUTR 2100 Principles of Nutrition (3)
- Electives Advisor-Approved Elective (3)

* CHEM 1211K Principles of ChemistryI (4), CHEM 1212k Principles of Chemistry II (4), and CHEM 2240 Organic Chemistry I (4) may substitute for CHEM 1151K and CHEM 1152K

Area G: Major (60)

Required Courses (51)

- NUTR 3000 Introduction to the Profession of Nutrition (2)
- NUTR 3010 Introduction to Research (3)
- NUTR 3150 Food Science I (3)
- NUTR 3160 Food Science II (4)
- NUTR 3500 Nutrition and Metabolism (3)
- NUTR 3600 Normal Nutrition through the Life Cycle (3)
- NUTR 3700 Medical Biochemical Principles (3)
- NUTR 4000 Food and Culture (3)
- NUTR 4200 Medical Nutrition Therapy I (3)
- NUTR 4250 Medical Nutrition Therapy II (3)
- NUTR 4300 Nutrition Intervention I (3)
- NUTR 4400 Nutrition Intervention II (3)
- NUTR 4600 Food Service Systems (3)
- NUTR 4950 Senior Seminar (3)
- NUTR 4955 Nutrition, Physical Activity, and Wellness (3)
- NUTR 4990 Entrepreneurial Nutrition (3)
- HADM 3401 Principles of Food Production (2)
- HADM 3402 Food Production Lab (1)

Nutrition Electives (9) Choose three courses:

- NUTR 3170 Food Safety and Sanitation (3)
- NUTR 3800 International Nutrition (3)
- NUTR 3810 Interpretation of Laboratory Values (3)
- NUTR 4960 Nutrition and Physical Fitness (3)
- NUTR 4970 Nutrition and the Media (3)
- NUTR 4999 Nutrition Project (1-6)
- SNHP 3000 Communication and Cultural Diversity (3)
- SNHP 3010 Advanced Medical Terminology (3)
- SNHP 4200 Health and the Older Adult (3) or 3000 or 4000 level course approved by DPD advisor.

Total Program Hours Required: a minimum of 120 semester hours

5140 Respiratory Therapy

Programs Offered:

- **B.S. in Respiratory Therapy**

Advanced Standing Degree in Respiratory Therapy (A.S. to B.S)

Department of Respiratory Therapy
1228 Urban Life Building
404/413-1225
Robert Harwood, Department Head
Robert Pettignano, MD, Medical Director

http://respiratorytherapy.gsu.edu/

Respiratory therapy is a health care profession dedicated to the support and management of individuals with abnormalities or deficiencies of the cardiopulmonary system. The respiratory therapist is an expert in therapeutic and diagnostic modalities associated with the pulmonary system, as well as the heart. He or she must have a working knowledge of chemistry, microbiology, and physiology as well as respiratory therapy. This background affords the therapist the ability to become proficient in working with respiratory life support systems. Under the guidance and supervision of a physician, the therapist treats by employing academic knowledge and technical skill for direct patient care. For a dedicated man or woman who finds a service field rewarding, respiratory therapy offers a career opportunity as a vital member of the health care team that is both personally and financially rewarding.

The Department of Respiratory Therapy offers a program that leads to a Bachelor of Science degree. The program provides classroom study with observation, clinical experience, independent study, and seminars. The Georgia State University respiratory therapy program is fully accredited by the Commission on Accreditation for Respiratory Care (CoARC). The program provides classroom study, laboratory study and observation, clinical experience, computer-assisted instruction and simulation, seminars, and independent study. Classes generally meet on a daily basis from approximately 8:00 AM to 4:00 PM. Clinical courses in area hospitals (clinical affiliates) meet generally from 6:45 AM to 3:15 PM.

The overall purpose of the Department of Respiratory Therapy is to provide a quality education that is relevant and professionally sound to meet the respiratory therapy needs of the health care community. Inherent to this purpose is the goal to prepare respiratory therapists who are able to demonstrate the attitudes, skills, and knowledge required to meet the changing needs of the community. It will be necessary for the respiratory therapist to cooperate with all members of the health care team in identifying and solving the problems related to respiratory diseases and disorders of the cardiopulmonary system. The respiratory therapist must be able to think critically, communicate effectively, demonstrate good judgment, and provide self-direction. It is a primary objective of the respiratory therapy program to educate well-qualified, competent respiratory therapists who demonstrate leadership ability.

The baccalaureate degree program in respiratory therapy seeks to establish an atmosphere in which the student achieves respect for the dignity and worth of the individual, the capacity for critical thinking, a genuine desire for knowledge, and the realization of his or her own potential. Graduates of the

baccalaureate program are qualified to enter the Registry Examination System of the National Board for Respiratory Care (NBRC).

Clinical Course Requirement

Students who must complete a clinical component as part of their program of study must complete the School of Nursing and Health Professions Health Form and provide evidence of current tuberculosis status, immunization for hepatitis B, and review of current CDC guidelines on universal precautions. The health form and review of CDC guidelines on universal precautions must be updated annually. Clinical agencies may require additional evidence of health status. It is the responsibility of the student to consult with the graduate program director in their academic unit prior to beginning a clinical assignment. Liability insurance must be purchased before the clinical course begins.

Criminal Background Check and Drug Screen

Your application for licensure may ask you to respond to questions regarding any violations of federal, state or local law. You may be required to provide documentation to the state licensing board explaining any such occurrence. The individual state licensing agencies have exclusive authority to issue a license and could decline to issue such a license based on an applicant's prior criminal record.

Additionally, many of the clinical sites with which we have a clinical agreement require criminal background checks, finger printing and drug screen prior to allowing the student to be placed in the facility. The clinical facility has the right to deny the student an internship in the facility based on the findings of the criminal background check or drug screen.

A.S. to B.S. Program

The Department of Respiratory Therapy has a comprehensive advanced standing policy. Students who are graduates of CoARC-approved A.S. degree programs and are Registered Respiratory Therapists (RRT) may apply for advanced standing to the B.S. degree program. The department utilizes the following mechanisms to assess the awarding of credit in advanced standing: transfer credit, credit for professional credentials and credit for specialty exams from NBRC and courses offered from the AARC. Notarized proof of completion of specialty exam or course must accompany the application. The department maintains a philosophy of educational flexibility to meet the needs of the profession. The student has the option of testing out of the course, taking the course online or attending the class on campus. Students must complete all general education course requirements before taking respiratory therapy courses. All students must meet the GSU 39 hour upper division residency requirement that requires students to take 39 hours of 3000-4000 level course work at Georgia State University. Students must complete all general education course requirements before taking respiratory therapy courses.

Program Financial Information

During the junior year, students can expect to pay approximately $1400 for uniforms, stethoscopes, student liability insurance, books and background check. In the senior year, expenses are estimated at approximately $1500. This includes books and expenses related clinical training, NBRC self-assessment and credentialing exams.

Program Academic Regulations

A minimum grade of C is required in all major, major-field-related, and mathematics and natural sciences courses for graduation. If a student's progress is interrupted at any point in the program through withdrawal or unsatisfactory performance, the student will no longer be in the program. If an individual applies to reenter the program, consideration will be given on the same basis as any new applicant. Curriculum changes are made whenever necessary to keep the learning experiences up to date and relevant in this rapidly changing technological field. Students will be expected to subscribe to these changes whenever they are necessary.

Students are expected to provide their own transportation to clinical training sites. Students are expected to comply with the policies and regulations of the division regarding absences, tardiness, standards of performance, conduct, dress code for the clinical areas, and other regulations as specified. A copy of these policies and regulations may be obtained from the division and will be given to all entering students.

Respiratory therapy courses are intended to be taken by students majoring in the Department of Respiratory Therapy. All professional courses involving a component of clinical training are open only to professional program majors.

Program Degree Requirements

Semester hours are shown in parentheses following an entry. Requirements for areas A through E of the undergraduate core curriculum are listed in the "Core Curriculum" chapter of this catalog. Area D, F and G apply to both B.S. Respiratory Therapy students and A.S. to B.S. students.

Area D: Chemistry 1151K and 1152K are strongly recommended as the lab science sequence.

Area F: Courses Related to the Program of Study (18)

- BIOL 1110K & BIOL 1120K Human Anatomy and Physiology I & II (8)
- BIOL 2300 Microbiology and Public Health (3)
- BIOL 2310 Microbiology and Public Health Lab (1)
- RT 2011 Application of Physical Principles in Healthcare (3)
  (General Physics accepted in place of RT 2011)
- Elective Adviser-approved elective (3)

Area G: Major (66)

- RT 3005 Clinical Cardiopulmonary Physiology (3)
- RT 3025 Patient Evaluation (4)
- RT 3027 Pulmonary Diseases (3)
- RT 3030 Pulmonary Diagnostics (3)
- RT 3040 Respiratory Care Pharmacology (3)
- RT 3111 Respiratory Care Procedures I (4)
- RT 3112 Respiratory Care Procedures II (3)
- RT 3500 Research Methods (3)
- RT 4011 Ventilatory Support I (3)

- RT 4012 Ventilatory Support II (4)
- RT 4060 Advanced Critical Care Monitoring (2)
- RT 4070 Advanced Cardiac Life Support (2)
- RT 4075 Patient Care Management Strategies (3)
- RT 4080 Pediatric Respiratory Care (2)
- RT 4081 Neonatal Respiratory Care (2)
- RT 4085 Professional Trends to Long Term Care (3)
- RT 4096 End of Life Issues (1)
- RT 3050 Clinical Practice I (1)
- RT 3051 Clinical Practice II (4)
- RT 3052 Clinical Practice III (1)
- RT 4051 Clinical Practice IV (4)
- RT 4052 Clinical Practice V (5)
- SNHP 3010 Medical Terminology

Total Program Hours Required: a minimum of 126 semester hours

Further program degree requirements include passing the NBRC Entry-Level Certification Exam (ELE) and the Advanced Practitioner exam which include clinical simulation exam (CSE).

6000 College of Law

The College of Law does not offer any undergraduate programs. Interested students should visit the College of Law website at law.gsu.edu.

7000 J. Mack Robinson College of Business

Undergraduate programs in the Robinson College of Business are described in detail in this chapter. See subsections for specific program information as well as policies and procedures.

7010 General Information

7010.10 Office of the Dean

7th floor, Robinson College of Business Building
35 Broad Street
404/413-7000
robinson.gsu.edu

Richard Phillips, Dean
Nathan Bennett, Associate Dean for Faculty and Research
Harley E. (Chip) Ryan, Associate Dean for Curriculum and Teaching
Sanjay Srivastava, Associate Dean for Strategy and Special Projects
Todd Maurer, Associate Dean for Sponsored Research
Ralph E. Kahlan, Assistant Dean for Administration and Finance
Toby McChesney, Assistant Dean of Graduate Recruiting and Student Services
Dave R. Forquer, Assistant Dean for Executive Programs
Jacobus Boers, Assistant Dean for International Engagement
Tracy A. Widman, Assistant Dean for Accreditation and Faculty Data Management
William C. Bogner, Assistant Dean for Undergraduate Programs

7010.20 Mission of the J. Mack Robinson College of Business

The J. Mack Robinson College of Business of Georgia State University is committed to academic excellence through advancing the creation and dissemination of knowledge in business and management. Moreover, the college seeks to prepare its students for the practice of management with the knowledge and skills needed to remain effective in a global, culturally diverse, and technologically advanced world that is characterized by rapid change and complex interdependencies. As an academic unit of Georgia State University, the Robinson College seeks to add value to private, public, and not-for-profit organizations through excellence in its research, education, and outreach programs. The college enjoys a location that is distinctive among business schools and is committed to taking full advantage of its proximity to multinational corporations, entrepreneurial enterprises, federal, state, and city agencies, and not-for-profit organizations.

7010.21 Mission of the B.B.A. Program

The mission of the Bachelor of Business Administration (B.B.A.) program is to provide a broad general education and the core business knowledge and skills to prepare both traditional and nontraditional students for entry-level positions in private, public, and not-for-profit organizations and to stimulate in students a desire for lifelong learning. The program relies on a complement of full-time and part-time faculty using the most effective educational methods and technology to meet this mission.

7010.22 Objectives of the B.B.A. Program

The faculty seeks to fulfill the mission of the B.B.A. program by accomplishing the following objectives:

- Students will demonstrate effective communication skills.
- Students will effectively and efficiently use computer technology.
- Students will effectively and efficiently analyze and solve business problems.
- Students will function effectively as team members.
- Students will demonstrate a desire for lifelong learning.

7010.30 Accreditation

The J. Mack Robinson College of Business is accredited by the AACSB International, the Association to Advance Collegiate Schools of Business. The accounting programs of the college also hold accounting accreditation granted by the AACSB. The Institute of Health Administration is accredited by the Commission on Accreditation of Healthcare Management Education. The program in hospitality administration is accredited by the Accreditation Commission on Programs in Hospitality Administration.

7010.40 Bachelor's Degree Offered

The Robinson College of Business offers the Bachelor of Business Administration with ten majors. The requirements for the B.B.A. degree are shown later in this chapter. A degree is awarded only after admission to and completion of the prescribed program in accordance with the specific degree requirements and academic regulations of the college and the university.

7010.50 Tutorial Facilities

Tutorial facilities are available to students who may need assistance with writing or mathematics and are described in the "College of Arts and Sciences" chapter of this catalog.

7020 Academic Regulations

Students seeking a degree in the Robinson College of Business are encouraged to become familiar with the academic regulations of the university that are given elsewhere in this catalog. The sections concerning transfer requirements and the university degree policies, including the residence requirement, the core curriculum, the constitutions and histories requirement, application for graduation, academic recognitions, withdrawal from classes, incomplete grades, and scholastic discipline, are of particular importance. (Consult the index for the page numbers of these sections.) The college regulations discussed below should also be read carefully.

7020.10 Credit Transferred from Other Institutions

Some majors require that transfer credit for upper-level major courses be no more than five years old at the time the student enrolls in the B.B.A. program. Contact the Office of Undergraduate Academic Assistance for further information.

Course credit transferred from two-year colleges shall apply only toward freshman- or sophomore-level credit.

No more than 27 semester credit hours of course work earned through correspondence or extension will be accepted toward the B.B.A. degree. Courses completed through correspondence or extension may not apply toward junior- or senior-level credit.

Reenrollment after Transferring Elsewhere: Undergraduate students who enroll at another institution as regular students (as opposed to transient- or visiting-student status) will be considered as having transferred to that institution. If such students later reenroll in the B.B.A. program, regardless of the length of the absence, they will be subject to the curricular degree requirements in effect at the time of their return. Such students are encouraged to discuss their transfer to the other institution with their academic advisor in advance if they intend to apply this work toward a degree of the Robinson College of Business. Students may not take courses for degree credit at another institution during the semester they expect to graduate from Georgia State University.

7020.20 Policy on Allowing Undergraduates to Take Graduate Courses

Students with a cumulative grade point average of 3.50 or higher who have at least 18 semester hours of credit at Georgia State University and who are in their senior year may petition to take up to two graduate courses in the Robinson College of Business in lieu of undergraduate courses. Students interested in petitioning should contact the Office of Undergraduate Academic Assistance for a statement of restrictions and procedures pertaining to this policy.

7020.30 Minimum Grade Requirements for B.B.A. Students

A grade of C- or higher is necessary to receive degree credit in the following required courses in the B.B.A. degree program: Acct 2101-2102, Econ 2105-2106, CIS 2010, BusA 2106; all the courses in the junior-year business core; the junior-year communication requirement; all the courses in the major; BusA 4980; the junior/senior RCB electives.

In addition to the minimum grade requirements in these courses, a grade of C- or higher must be earned by actuarial science majors in Math 2215.

7020.40 Minimum GPA Requirement for All Students Enrolled in RCB Courses

Students may not register for any 3000/4000-level course taught by the Robinson College of Business unless they meet eligibility requirements.

7020.41 Initial Eligibility Requirements for Students Admitted to Georgia State University as Freshman (i.e. a native GSU student with no transfer credit)

Students in this category, regardless of degree program or status, may not enroll in upper-level courses (those numbered 3000-4999) offered by the Robinson College of Business unless they meet the following requirements:

- Earned at least 45 semester hours of college-level credit.
- Completed RCB's Area F: Business Foundation with an Area F GPA of 2.8 or better. In attempting to satisfy this requirement each Area F course may be attempted only twice. The Area F GPA will be computed using the last attempt in each course. A WF counts as an attempt.

7020.42 Initial Eligibility Requirements for Students Admitted to Georgia State University as Transfer Students (i.e. has been given transfer credit by Georgia State for course work completed at another academic institution, regardless of class standing)

Students in this category, regardless of degree program or status, may not enroll in upper-level courses (those numbered 3000-4999) offered by the Robinson College of Business unless they meet the following requirements:

- Earned at least 45 semester hours of college-level credit.
- Completed RCB's Area F: Business Foundation with an area F GPA of 2.8 or better. The grades in Area F courses transferred to GSU or taken in residence will be used to compute the Area F GPA. Each Area F course may be attempted only twice at Georgia State regardless of previous attempts at other institutions. The Area F GPA will be computed using the last attempt in each course. A WF counts as an attempt

7020.43 Continuing Eligibility Requirements for Students

Once a student is eligible to take 3000/4000 RCB courses under either section 7020.41 or 7020.42 of this catalog they may remain eligible to take 3000/4000 level RCB courses as long as they maintain a GPA of 2.0 or higher and remain in good standing. If the student's GPA falls below the 2.0 required he or she will remain one semester to raise the GPA to the standard. If unable they will be ineligible to enroll in additional 3000/4000 level RCB courses and will be advised into another degree program.

7020.50 Course Sequencing Requirements

Students are expected to proceed through the B.B.A. program in proper sequence to receive maximum

benefit from their studies. Courses that are intended for the freshman through senior years are indicated by the course numbering system (1000 level through 4000 level, respectively). The lower-level courses taken in the freshman and sophomore years provide a foundation of general education on which the junior and senior years are based.

Sequencing requirements for all students and specifically for B.B.A. students follow. Students who violate any of the course sequencing requirements are subject to disenrollment by the college regardless of performance or time lapse and will be allowed a tuition refund in accordance with the university's refund schedule.

7020.60 Sequencing for All Students Enrolled in RCB Courses

Students may not register for any 3000/4000-level course taught by the Robinson College of Business until they have earned at least 45 semester hours of college-level credit.

7020.70 Sequencing for B.B.A. Students

B.B.A. students may not register for a course in the junior-year business core until Acct 2101, Acct 2102, Econ 2105, Econ 2106, are completed with degree credit.

7020.80 Business Residence Requirement

At least 50 percent of the business credit hours required for the B.B.A. degree must be taken in residence at Georgia State University. This regulation is a requirement of the college's accrediting body. These are the courses in the B.B.A. program that are considered "business credit hours:" ACCT 2101, ACCT 2102, BUSA 2106, CIS 2010, FI 3300, MGS 3100, MGS 3400, MK 3010, BUSA 4980, courses in the major (18-21 semester hours, depending on the major chosen), RCB electives (9-12 hours).

7020.90 Core Curriculum

As stated in the "Core Curriculum" section (1410) of the "University Degree Requirements and Graduation" section of this catalog, the university complies with the requirements of the core curriculum of the University System of Georgia. The 60 semester hours of course work for the freshman and sophomore years of the B.B.A. program are designed to conform to that core.

Transfer students from institutions in the University System of Georgia who followed the core curriculum at their previous institution and earned sufficient grades in courses listed in areas A through E of the core curriculum will be granted transfer credit for those relevant courses. This may mean that credit will be granted for courses that differ from those which would be taken at Georgia State University, as shown in the curriculum listed below.

Transfer credit will be given in Core Area F of the B.B.A. program for students who were following the business transfer program at a two-year college or the business curriculum for a bachelor's degree at a four-year college or university in the University System of Georgia.

If a portion of a core area has been completed, then transfer credit for the corresponding portion at Georgia

State will be granted.

7030 B.B.A. Degree Requirements

Areas A through E of the undergraduate core curriculum make up the first 42 semester hours of the freshman and sophomore years of the Bachelor of Business Administration degree program. These requirements are listed in the "University Degree Requirements and Graduation" chapter of this catalog as part of the description of the university's core curriculum. Courses in the core curriculum that are recommended by the Robinson College of Business faculty are given in that description. These suggestions reflect choices that will be particularly helpful in providing B.B.A. students with a strong foundation for Core Area F and the junior and senior years of the program.

The hours and course requirements for Core Area F, Business Foundation, and the junior and senior years are listed in this chapter. Please note the following information:

Refer to the "Business Residence Requirement" section, listed previously in this chapter, for information on the business credit hours that must be completed in residence at Georgia State University.

Students must have completed no fewer than 45 semester hours of college-level course work before taking 3000/4000-level courses in the Robinson College. Refer to the heading "Sequencing for All Students Enrolled in RCB Courses," listed previously in this chapter.

Consult the course descriptions section for prerequisites and descriptions of courses listed below.

7030.10 Bachelor of Business Administration

Program Summary

	Semester Hours
Lower-Division (Freshman/Sophomore) Years	
Core Areas A-E	42
Core Area F, Business Foundation	18
Subtotal	60
Upper-Division (Junior/Senior) Years	
Junior Business Core	15
Junior Communication Course	3
Major	18 – 21
Junior/Senior RCB Electives	6 – 12
Junior/Senior Electives Outside RCB	9 – 12
Business Policy	3
Subtotal	60

Total Semester Hours Required for the B.B.A. Degree: 120

B.B.A. Program Information

Lower-Division (Freshman/Sophomore) Years

Core Areas A through E. For courses that satisfy these requirements, refer to "University Degree Requirements and Graduation" of this catalog. The Robinson College of Business requires MATH 1070 and MATH 1111 to satisfy degree requirements. It recommends that students take MATH 1111 in Area A and MATH 1070 in Area D. If not taken in Area A or Area D, they must be taken later in the program.

Core Area F: Business Foundation. (Minimum of grade of C- or higher is required in each course.)

- ACCT 2101 Principles of Accounting I
- ACCT 2102 Principles of Accounting II
- ECON 2105 Principles of Macroeconomics
- ECON 2106 Principles of Microeconomics
- CIS 2010 Introduction to Computer-Based Information Systems*
- BUSA 2106 The Legal Environment of Business*

Upper-Division (Junior/Senior) Years.

Junior Business Core (Minimum of grade of C- or higher is required in each course.)

- BUSA 3000 Globalization and Business Practices
- FI 3300 Corporation Finance
- MGS 3100 Business Analysis
- MGS 3400 Managing People in Organizations
- MK 3010 Basic Marketing

Junior Communication Course. (Minimum of grade of C- or higher is required in this course.)

- BCOM 3950 Business Communication and Professionalism

Major. (Minimum of grade of C- or higher is required in each course.) The following major requires 18 semester hours in this portion of the curriculum:

Finance***

The following majors require 21 semester hours in this portion of the curriculum:

- Accounting
- Actuarial Science
- Computer Information Systems
- Economics
- Hospitality Administration
- Managerial Sciences
- Marketing
- Real Estate
- Risk Management and Insurance

Courses for each major should be selected after reviewing the appropriate school or department descriptions for each major that follow and, if needed, after consultation with a faculty adviser in the school

or department that offers the major. The catalog describes each major and, if applicable, lists possible areas of specialization within the major. The required courses in each major, if any, are also listed in the school or department descriptions. The college reserves the right to amend this list of majors at the end of any semester.

Junior/Senior RCB Electives. (Minimum of grade of C- or higher is required in each course.)

Major requiring six semester hours of RCB electives: Actuarial Science, RMI 3750 and RMI 4350 must be taken as the RCB electives for actuarial science majors.

Major requiring nine semester hours of RCB electives: Accounting, Actuarial Science**, Computer Information Systems, Economics, Finance***, Hospitality Administration****, Managerial Sciences, Marketing, Real Estate, Risk Management and Insurance.

These electives must be selected from 3000/4000-level courses in the Robinson College of Business that are outside the student's major and are not cross-listed with courses in the student's major. Majors other than economics may also select from the 3000/4000-level courses in the Department of Economics in the Andrew Young School of Policy Studies. Refer to the online course listing at www.gosolar.gsu.edu/webforstudent.htm to determine the Georgia state college that teaches a course. Do not refer only to the course title. For example, course titles with the words "business," "management," or "administration" in them are not necessarily RCB courses.

A cross-listed course is indicated by the parenthetical statement "Same as . . ." after the title in the course descriptions.

Junior/Senior Electives Outside RCB. These electives must be selected from the 3000/4000-level courses taught by Georgia State colleges other than the Robinson College of Business. These electives enable the B.B.A. program to meet the breath requirement of the college's accrediting body and cannot be taken in the Robinson College. Economics majors may not choose any economics courses for these electives.

Exceptions to the requirement that non-RCB electives be 3000- or 4000-level courses: Math 1070, 1111, 2211, 2212, 2215, and 2420 may be taken to satisfy all or part of the non-RCB elective requirement if the student will still have a minimum of 39 upper-level semester hours to complete at Georgia State. This provision ensures that the student will meet the university's academic residence requirement.

For the following two specific majors, these required 2000-level mathematics courses may be used to satisfy part of the non-RCB elective requirement:

Actuarial Science: Mathematics 2211, Mathematics 2212, and Mathematics 2215 (grade of C- or higher required in Math 2215). These courses carry four semester hours of credit each. If the student's mathematics background permits beginning this calculus sequence in Core Area A or D (in place of college algebra and/or precalculus), three-semester-hour courses that meet the requirements for non-RCB electives will replace Mathematics 2211 and/or Mathematics 2212. Thus, this portion of the curriculum can range from 10 to 12 semester hours.

Business Policy. (Minimum of grade of C- or higher is required in this course.)

BUSA 4980 Strategic Management Policy . Minimum of grade of C- or higher is required in this course. Students must take BUSA 4990 concurrently. Prerequisites for both BUSA 4980 and BUSA 4990 are completion of all of the following with a grade of C- or better: All courses in Core Area F: Business Foundations, the Junior Business Core as listed in this section above, BCOM 3950, and three upper-level major courses.

BUSA 4980 Strategic Management Policy

* Students who transfer from other institutions in the University System of Georgia and have taken other approved courses in the Core Area F for business will take CIS 2010 and/or BUSA 2106, as appropriate, in the Junior/Senior RCB electives section.

** Actuarial Science majors must take RMI 3750 and RMI 4350 as the RCB electives.

** Finance majors must take ACCT 4210 as one of the RCB electives. The finance major requires an additional three semester hours that are either an RCB elective or a 4000-level finance course.

***Hospitality majors must take all RCB electives (9 credit hours) in hospitality to support the development of industry specialization(s)

7030.20 Information Technology Access and Skill Requirements

Access Requirements: Because information technology is an integral part of business decision-making, courses in the Robinson College of Business frequently incorporate assignments that require computing skills. Consistent with university policy available at www.gsu.edu/ist/policies.html, the Robinson College requires students to be responsible for providing computer and Internet access for all RCB courses and programs.

Hardware and Software Requirements: Georgia State has standardized on the Microsoft Office Suite in the student computer labs. Students may consult the university's Office of Student Financial Aid for information about possible funding opportunities for computer and Internet access expenses.

Skill Requirements: Although students can expect to enhance their information technology skills as they work toward their degrees, the college expects all students to have certain basic skills before enrolling in any business course. These skills are defined as Basic Microcomputing Skills and are described below in the CSP 1 skills definition.

When courses require additional computing skills, these Computing Skill Prerequisites (CSP's) are listed by number in the catalog course description.

7030.30 Computing Skills Prerequisites(CSPs)/Definitions

CSP 1. Basic Microcomputing Skills: Understand the PC and its components; turn on the PC; use command-oriented, windows-based, and LAN operating environments to accomplish tasks such as formatting floppy disks, creating and navigating through directories and subdirectories, creating and deleting files, copying and renaming files, using help screens, loading application software, exiting from

application programs and operating environments in an orderly manner, and using appropriate measures to check for and prevent the spread of computer viruses.

CSP 2. Basic Microcomputing Spreadsheet Skills: Load the spreadsheet software; create, organize, and navigate through spreadsheets; format the spreadsheet or a block of cells; enter and edit formulas, values, and text; copy, move, and protect cells; insert and delete columns and rows; save and retrieve files; print spreadsheets; use financial, statistical, and mathematical functions such as totaling and averaging of rows and columns; create and print charts and graphs, create data tables, invoke existing macros, and use help screens.

CSP 3. Advanced Microcomputer Spreadsheet Skills: Use advanced spreadsheet features such as database commands and functions; create macros; create menu systems; and develop customized applications.

CSP 4. Basic Microcomputer Database Skills: Load database software, create databases; enter and edit data; add and delete records; list, query, and generate reports using the database; and use help screens.

CSP 5. Advanced Microcomputer Database Skills: Link databases through keys; create input screens; and develop customized applications.

CSP 6. Word Processing and Presentation Skills: For word processing: Load the word processing software; create, format, edit, and save documents; copy and move text; adjust margins, indents, and line space; adjust fonts and styles. **For presentation graphics**: Load the presentation graphics software; choose and modify templates; choose and modify slide layouts; insert slides; modify slide, handout, and note masters; change color schemes; apply effects, animation, and multimedia to slides; run a slide show. **For both**: Import tables, clip art, and graphs from other applications; use spell-checking; load additional toolbars; use help screens.

CSP 7. Basic Internet Usage: Send and receive Email messages including attachments of files; transfer files with FTP, compress and uncompress files with utility programs; use search engines to locate documents and find information on the web; navigate the web with a browser including copying/pasting/saving web information; download and set up web browser plug-in programs such as electronic document readers and audio/video players; use web-based clients such as library catalog systems to find specific information.

CSP 8. Advanced Internet Usage: Create formatted *.html pages with tags including links within and between pages; publish pages to a website; create image files and embed them in *.html pages.

7040 Office of Undergraduate Academic Assistance

315 Robinson College of Business Building
35 Broad Street, 404-413-7115, Fax: 404-413-7119
robinson.gsu.edu/students/undergraduate-resources/ouaa/

M. Colleen Joyce, Director
Joyce A. Cox, Assistant Director
Carmen Owens, Senior Academic Advisor
Robert McCloud, Academic Advisor
Kendra Denmark, Academic Advisor
Lisa Raines, Senior Academic Advisor

Students should regularly consult the website for updates and changes to the B.B.A. program and college regulations that occur after publication of this catalog and for other notices of interest to undergraduate students.

The Robinson College of Business provides the Office of Undergraduate Academic Assistance for the benefit of its students.

Mission: This office supports the college's mission of and commitment to academic excellence by assisting enrolled students in the development of meaningful educational plans that are compatible with their life goals. The office helps undergraduate students become knowledgeable about academic programs, pertinent regulations, and services available throughout the university.

Areas of responsibility: To support the undergraduate aspects of its mission, the Office of Undergraduate Academic Assistance and the University Advisement Center work with B.B.A. students in these areas:

- to provide programs of study for each major offer
- red by the college;
- to indicate to transfer students the specific credits for work done at other institutions which can be applied toward the B.B.A. degree;
- to assist students in course selections and schedule revisions each semester;
- to explain catalog regulations;
- to administer policies for the college and the university;
- to refer students to other sources of help in the university.

Students advised by the Office of Undergraduate Academic Advisement are seen by appointment except during walk-in times that are provided for brief questions that can be resolved in ten or fewer minutes. Walk-in advisement is 10 a.m. – 11 a.m. on Monday, Wednesday and Friday and 2 p.m. – 3 p.m. on Tuesday and Thursday. Additional walk-in hours are available during some phases of registration. Contact the Office of Undergraduate Academic Assistance for dates and times. Appointment hours are 8:30 a.m. – 4 p.m. on Monday, Tuesday, Wednesday, and Friday and 8:30 a.m. – 1 p.m. on Thursday.

7040.10 Advisement

To ensure orderly progression through the degree program, students are urged to keep their catalogs and evaluations of credits readily available and to refer to them frequently as they schedule courses each semester. Students' familiarity with their degree requirements is the foundation for advisement provided by the college.

B.B.A. students can be advised by academic advisers in the Office of Undergraduate Academic Assistance and the University Advisement Center as described in the preceding section. Advisement from these offices is not mandatory for the B.B.A. program, but the college encourages students with questions about their degree requirements or the academic regulations of the college or university to contact their adviser.

All students also may consult faculty members in the academic units of the college with questions about course content or for help in selecting major courses after reviewing the description of the major in the catalog. Students should contact the academic unit in advance to arrange a conference with a faculty adviser.

7045 Robinson Career Management Center

The Robinson Career Management Center
35 Broad St, 6th floor
404-413-7155
www.robinson.gsu.edu/career/

Jason Aldrich, Executive Director, jaldrich@gsu.edu

Sharry Conroy, Associate Director, Undergraduate Career Management, sconroy2@gsu.edu

Jennifer Smallwood, Career Counselor, jsmallwood@gsu.edu, Undergraduate business students in Computer Information Systems, Hospitality, Managerial Sciences, and Marketing.

Roslyn Davis, Career Counselor, rdavis47@gsu.edu, Undergraduate business students in Accounting, Actuarial Science, Business Economics, Finance, Real Estate and Risk, Management & Insurance.

The Robinson Career Management Center is committed to pro-actively helping Robinson College of Business students and alumni manage their career, develop excellent job search skills and connect with high-quality job opportunities, while providing employers with an outstanding recruiting experience. In addition, we provide employers with a central gateway for recruiting our current students and alumni.

Mission

The mission of Robinson Career Management is to help students in the Robinson College of Business effectively evaluate and implement their career plans. In addition, we help students and alumni manage their on-going career development. Fulfilling this mission includes offering students high-quality, individual services and information designed to help them meet their career objectives.

Services

The following services are available to undergraduates in the Robinson College of Business:

- Individual career advising and assessment
- Resume and cover letter critiques
- Mock interviews
- Job and internship postings
- Campus interviews
- Workshops pertaining to all aspects of the job search process.
- RCC – Robinson Career Connection – Our online career management system provides Robinson students with access to hundreds of internship, part time and full, time job opportunities.
- We also offer a wealth of on-line resources. Contact your Career Counselor for information and access codes. Annual career fairs and networking events are sponsored to give students exposure to employers. These events offer an excellent opportunity to make personal contact and gather information concerning specific companies, internship programs, staffing needs, and industry trends.

7050 Student Complaints, Petitions for Policy Waivers and Variances, and Appeals

The appeals procedure for students in the J. Mack Robinson College of Business will follow different courses depending on the nature of the student's appeal. Please refer to University Information Section 1050.80 under Polices and Disclosures in this catalog for details.

7060 College Honors Day

Each spring semester a College Honors Day is observed to recognize students in the Robinson College of Business for their academic excellence.

7070 Beta Gamma Sigma

Membership in Beta Gamma Sigma is the highest general scholastic honor a business student can receive at Georgia State University, and it is recognized as such throughout the academic and business communities. Nominations for membership in this national honorary business fraternity occur early in spring semester. Second-semester juniors who are in the upper seven percent of their class and seniors in the upper ten percent of their class are eligible for nomination.

7080 Business Learning Community

Robinson College of Business

Suite 1100

404-413-7555

Dr. Marta Szabo White, Director

The Robinson College of Business offers a special Business Learning Community (BLC) for sophomore students in the fall and spring semesters. The BLC builds on the successful model of the Freshman Learning Community, giving students an integrated business curriculum and providing them with an introduction to the many programs offered in the Robinson College of Business. (See the Freshman Learning Community heading in a later chapter of this catalog.) Enrollment in the BLC is on a first-come/first-serve basis and requires a minimum 3.00 Georgia State GPA.

Students who are not a declared major in the Robinson College may be interested in the BLC program as the basis for a business minor. For students who are undecided about their major but have an interest in business, the BLC is a good way to get exposure to some business disciplines with required courses in the B.B.A. program. One of the major benefits of the BLC program is that its structure allows students to take multiple classes with a group of classmates, providing opportunities to work and learn together. The classes in the learning community are limited to 40 students, providing opportunities for more interaction with professors.

The Business Learning Community consists of the following grouping of courses:

Fall Semester:

- ECON 2106 Principles of Microeconomics
- ACCT 2101 Principles of Accounting I
- CIS 2010 Introduction to Computer Based Information Systems
- Plus two additional three-hour courses of the student's choice.

Spring Semester:

- ECON 2105 Principles of Macroeconomics
- ACCT 2102 Principles of Accounting II
- BUSA 2106 Legal Environment of Business
- Plus two additional three-hour courses of the student's choice.

7090 Departments and Faculty

School of Accountancy

5th floor, Robinson College of Business Building,
404/413-7200

accountancy.robinson.gsu.edu

Galen R. Sevcik, Director
Faculty: Blunck, Borthick, Cao, Clark, D'Augusta, Fang, Fenn, Guymon, Huss, Nathan, Park, Partridge, Ramachandran, Ransopher, Sevcik, Smeal, Stevens, Tafkov

Department of Computer Information Systems

9th floor, Robinson College of Business Building
404/413-7360
cis.gsu.edu/

Ephraim R. McLean, Chair
Faculty: Baskerville, Faziollahi Gallivan, Harris, Hupp , Keil, Mathiassen, McDonald, McLean, Pan, Rai, Ramesh, , Robinson, Senn, Storey, Straub, Stucke, Truex, Vaishnavi, Varshney, Welke,

Department of Economics

5th floor, Andrew Young School of Policy Studies
404/413-0141
aysps.gsu.edu/econ/

Sally Wallace, Chair
Shelby Frost, Director of Undergraduate Studies
Undergraduate Program Advisors:
Shelby Frost (for students with last names A-I)
Paul Kagundu (for students with last names J – Q)
Glen Ross (for students with last names R – Z)

Department of Finance

12th floor, Robinson College of Business Building
404/413-7310, Fax: 404/413-7312
finance.robinson.gsu.edu

Gerald D. Gay, Chair
Faculty: Agarwal, Ashraf, Aslan, Beard, Brown, Chen, Fendler, Gay, Godbey, Huang, Kadyrzhanova, Kini, Li, Mettler, Ruff, Ryan, Shi, Shrikhande, Yang, Yates

Institute of Health Administration

805 Robinson College of Business Building
404/413-7630

Andrew T. Sumner, Director
Faculty: Branscomb, Curry, Custer, Farnham, Johnston, Ketsche, Mansfield, Mishra, Scott, Sumner

Cecil B. Day School of Hospitality Administration

210 Robinson College of Business Building
404/413-7615

hospitality.robinson.gsu.edu

Debra F. Cannon, Director
Faculty: Barber, Cannon, Ferreira, Jackson, Kim, Perdue, Robbe

Institute of International Business

14th Floor, Robinson College of Business Building
404/413-7275

iib.robinson.gsu.edu

Daniel Bello, Director
Faculty: Bello, Boers, Bruce, Carrillo, Cavusgil, Dakhli, Doria, Gu, Kim, Liu, Loch, Nifadkar, Prime

Department of Managerial Sciences

10th floor, Robinson College of Business Building
404/413-7525

mgmt.robinson.gsu.edu

Pamela S. Barr, Interim Chair
Faculty: Alvarez-Garrido, Barr, Bogner, Bunch, Butler, Buysman, Choo, Conklin, Dimotakis, Duhaime, Forquer, Gemmell, Grace, Gu, Hartnell, Lambert, Lim, Matherne, Maurer, Miles, Nargundkar, O'Toole, Palladi, Rai (joint appt.), Ray, Roth, Samaddar, Shi, St. Peter, Thachenkary, Wallace, White, Xia, Zhang

Department of Marketing

13th floor, Robinson College of Business Building
404/413-7650

marketing.robinson.gsu.edu

Naveen Donthu, Chair
Bruce Pilling, Associate Chair
Faculty: Barksdale, Blakely, Brown, Cosguner, Costello, Curasi, Dadzie, Donthu, Ellen, Eroglu, Hawley, Johnston, Kumar, Langford, Lemley, Lohtia, Luo, Moschis, Nasser, Parker, Pilling, Rigdon, Saboo, Schumacher, Shah, Sood, Thornton, Umashankar, Verhage, Walgren, Willis, Wysor, Yu, Zhao

Department of Real Estate

14th floor, Robinson College of Business Building
404/413-7720

realestate.robinson.gsu.edu

Gerald D. Gay, Interim Chair
Faculty: Gibler, Wiley, Ziobrowski

Department of Risk Management and Insurance

11th floor, Robinson College of Business Building
404/413-7500
rmi.robinson.gsu.edu

Martin F. Grace, Chair
Faculty: Alexander, Bauer, Bidian, Binder, Brown, Ciccotello, Custer (joint appt.), Grace, Harrison, Klein, Luger (joint appt.), Mansfield, Palmer, Phillips, Sherman, Shore, Sotomayor, Subramanian, Ulm, Weston, Willey, Zanjani

7100 School of Accountancy

Programs Offered:

1. **B.B.A. in Accounting**

5th floor, Robinson College of Business Building,
404/413-7200

accountancy.robinson.gsu.edu

Course prefix: Acct

The undergraduate accounting program is designed to provide the foundation-level technical and analytical accounting knowledge and skills needed to become a professional in the accounting field and to pursue a fifth (graduate) year of accounting study. The primary emphasis of the program is preparation for students who wish to apply for admission to the Master of Professional Accountancy program. In addition, the program is designed to provide appropriate preparation for entry-level positions in business and for graduate study in law or other business fields. The B.B.A. in accounting focuses on broad business and accounting exposure based on a sound foundation of general education.

Accountants today are expected to participate extensively in the general area of business management. The profession of accountancy is becoming increasingly divergent, encompassing such areas as financial and operational auditing, operations research, information systems development and assurance, financial reporting, corporate tax planning, and cost analysis and control.

In recognition of the advisability of acquiring a broadly based education in liberal arts and general business subjects, as well as the necessity of a thorough foundation in the highly specialized and diversified fields of accounting, a person desiring a career in accounting is encouraged to complete the entire professional program of study leading to the Master of Professional Accountancy degree.

7100.10 Program Admission

There are no admission requirements specific to the Accounting program. However, Accounting students are required to meet all University and College admission requirements.

7100.20 Program Financial Information

There are no special fees associated with majoring in Accounting. However, Accounting majors must pay all tuition and fees charged by the University and the College.

7100.30 Program Academic Regulations

Minimum Grade Requirement to Satisfy Prerequisites to any Acct Course:

- A Minimum of Grade of C- is required to satisfy the prerequisites to any accounting course.

- Minimum Grade Requirement to enroll in ACCT 4111, and ACCT 4210: Students need a grade of B or higher in both ACCT 2101 and ACCT 2102, in order to enroll in ACCT 4111, and ACCT 4210.
- Required Major Courses (credit hours): ACCT 4111(3), ACCT 4112(3), ACCT 4113 (3), ACCT 4210(3), ACCT 4310(3), ACCT 4510(3), and ACCT 4610(3), for a total of 21 credit hours.
- Recommended Courses: PSYC 1101 or SOCI 1101 as the Core Area E social science electives; LGLS 4050 as an RCB elective; and PHIL 3730 as a non-RCB elective. Recommended courses for students planning to enter the Master of Professional Accountancy's accounting systems specialization: MATH 2420 as a non-RCB elective; CIS 3260 as an RCB elective.
- Other Requirement: Transfer credit toward the accounting major courses may not be more than five years old at the time the student enrolls. Students who reenroll after an absence of more than two years may retain major credit only for course work that is less than five years old at the time of reenrollment; this includes Georgia State credit and transfer credit.

7100.40 Certified Public Accountant (CPA) Examination

Taking the Uniform Certified Public Accountant (CPA) examination in the state of Georgia: Beginning with the November 2003 administration of the Uniform CPA Examination, candidates may qualify to take the examination based on having earned a baccalaureate degree with a concentration in accounting. A concentration in accounting is defined as completion of 20 semester hours in accounting subjects above the principles level at a 4-year accredited college or university that offers a baccalaureate degree.

Obtaining a license to practice as a Certified Public Accountant (CPA) in the state of Georgia: A candidate must pass the CPA Exam and meet additional educational and work experience requirements, to obtain a license to practice as a CPA. Students must have completed no fewer than 150 semester hours of college credit, of which 30 semester hours have to be in accounting above the principles level and 24 semester hours in general business subjects. An applicant who meets the general, educational, and examination requirements will be issued a license to practice as a CPA upon presenting evidence that such applicant has attained two years, including 4,000 hours, of continuous experience in public accounting, under the supervision of a person licensed to practice public accounting, immediately preceding the date of application for the certificate. Five years, including 10,000 hours, of continuous employment in the accounting field in business or industry, under the supervision of a person licensed to practice public accounting, or in government or college teaching, may be accepted in lieu of the aforementioned experience requirement. Part-time experience is permitted if it is continuous.

Students may take the CPA Exam after obtaining their undergraduate degree in accounting from Georgia State University. However, the School of Accountancy recommends that students meet the licensing requirements of the law by being admitted to either the Master of Professional Accountancy or Master of Taxation degree programs after completing an undergraduate degree. Students who plan to enroll at the master's level should become aware of the admission requirements early in their undergraduate studies; a strong academic record and satisfactory scores on the Graduate Management Admission Test are important factors in master's-level admission.

7110 Department of Computer Information Systems

Programs Offered:

1. **B.B.A. in Computer Information Systems**
2. **Minor in Computer Information Systems**

9th floor, Robinson College of Business Building
404/413-7360
Robinson.gsu.edu/cis

Ephraim R. McLean, Chair
Course prefix: CIS

In today's highly competitive global environment, the effective deployment of information technology has become the key to organizational success. There is a continuing shortage of individuals with the combination of business and technology skills needed to develop and manage information systems that provide competitive advantage in the global marketplace. The mission of the CIS major in the B.B.A. program is to produce graduates able to fill this need. Students will learn how to combine their general business knowledge with the latest software engineering tools and techniques to create information systems needed by today's organizations. Graduates will be prepared for careers in a variety of areas such as consulting, systems development, business process analysis, cyber security, IT project management, database administration, process architecture, and programming.

The Department of Computer Information Systems cooperates with the Department of Health Administration to offer a **specialization in Health Informatics of the CIS major**. The purpose of this specialization is to produce graduates that know how to effectively deploy information technology to innovate medical services and administrative processes within the healthcare industry. For more information, see Health Informatics below and robinson.gsu.edu/cis/health-informatics.html. The Department of Computer Information Systems cooperates with the Department of Mathematics and Statistics in offering a concentration in computer information systems associated with the degree Bachelor of Science with a major in mathematics. This program is described under the offerings of the Department of Mathematics and Statistics in the "College of Arts and Sciences" chapter of this catalog.

7110.10 Program Admission

There are no admission requirements specific to the Computer Information Systems program. However, Computer Information Systems students are required to meet all University and College admission requirements.

7110.20 Program Financial Information

There are no special fees associated with majoring in Computer Information Systems. However, Computer Information Systems majors must pay all tuition and fees charged by the University and the College.

7110.30 Program Academic Regulations

Required Major Courses: All undergraduate CIS majors must complete CIS 3001 Managing Information Technology Projects, CIS 3260 Introduction to Programming, CIS 3300 Analyzing Business Systems (Systems Analysis), CIS 3730 Designing and Managing Data (Database Management), and either CIS 4970 Internship in an IT organization or CIS 4980 Practicing Real-World IT Skills. Majors must take two additional CIS courses (not including CIS 2010). The requirement for CIS 3260 may be met with no credit hours awarded upon successful completion of approved online courses and exams in programming as directed by the CIS chair. CIS majors who excercise this CIS 3260 exam option must take additional CIS course (for a total of three CIS courses beyond the other three required CIS courses) to complete the 21 credit hour requirement.

Recommended Sets of Electives: The CIS Department highly recommends that students develop particular expertise in at least one Information Systems field as shown below. Please see the current version on the web at http://robinson.gsu.edu/resources2/files/cis/academic/cis-ug-curriculum-diagram.pdf for any changes in the IS field (track) recommended courses.

- Business Process Analysis
- Cyber Security
- Information Technology Project Management
- Process Architecture
- Software Development

Additional information about individual courses appears at http://robinson.gsu.edu/cis/courses.html

Other Requirements: (1) Students may take CIS 4970 or CIS 4980 only after completion of all required 3000-level business core and CIS courses. In addition, CIS 4980 may only be taken after completion of 15 credit hours of CIS courses beyond CIS 2010. (2) Transfer credit toward the CIS major courses may not be more than five years old at the time the student enrolls. Students who reenroll after an absence of more than two years may retain major credit only for course work that is less than five years old at the time of reenrollment; this includes Georgia State credit and transfer credit.

All CIS students must be proficient in the series of Computing Skills Prerequisites (CSP 1-8) listed in this catalog.

CIS Internship Program: The CIS department encourages internships for undergraduate CIS majors. Forthe overall internship process including identifying and getting approval for internships, please visit http://robinson.gsu.edu/cis/internships.html

Health Informatics

The healthcare sector plays an increasingly important role in the US society and there is growing pressure to implement innovations that make it possible to deliver health services of higher quality and at lower costs. Healthcare institutions and processes are information-intensive in nature and the use of information technology (IT) to enable innovations has therefore been, and continues to be, in focus. On this background, there is a strong need for graduates that know how to effectively deploy information

technology to innovate medical services and administrative processes within the healthcare industry. To graduate with a specialization in Health Informatics, students are required to complement a CIS major with the following RCB electives in Health Administration (9 hours): The Health Care System (HA 3900); Health Policy in the U.S. (HA 3910); Health Information Systems (HA 3970). For more information, seehttp://robinson.gsu.edu/cis/health-informatics.html.

7110.40 Minor in Information Systems

This IS minor is designed for undergraduate students who want to participate in the digital revolution that is transforming organizations and society. Information systems have become increasingly important in most fields including accounting, biology, communications, health, psychology, music, art & design, political science, sociology, and education. Students seeking a minor in Information Systems must complete 15 hours in upper-level CIS-prefixed courses. Non-business majors may substitute CIS 2010 for one CIS upper-level course.

All students pursuing a minor in Information Systems must maintain a 2.5 or higher GPA, and must earn a grade of C- or better in all courses counting toward the major. Please see http://robinson.gsu.edu/cis/minor.html for more information.

7120 Department of Economics

Programs Offered:

1. **B.B.A. in Business Economics**

5th floor, AYSPS Building
404/413-0141

Sally Wallace, Chair

Course Prefix: Econ

The Department of Economics is part of the Andrew Young School of Policy Studies. For economics faculty listing, see the Department of Economics heading in the "Andrew Young School of Policy Studies" chapter of this catalog.

Economics examines the material prosperity of countries and their citizens in an interdependent world of limited resources and technological change. In doing so, it studies how decisions are made by private businesses, governments, and households in producing, consuming, and distributing goods. In general, economics is concerned with how society can obtain the greatest output from its limited resources. Economics is also concerned with monetary arrangements and their impact upon purchasing power and economic performance.

Economic principles yield basic insights into the workings of the market system and the national and international environment within which business operates. These principles provide analysis that is fundamental to understanding the organization and decisions of the government, business, and financial sectors. Economics also develops criteria for assessing the performance of the market systems and of governments regarding their efficiency and their impact upon the well being of consumers and workers.

Recent graduates with majors in economics have accepted positions as financial analysts for a real-estate financing firm and a major bank and as general manager for a recording studio, as well as having been accepted to prominent graduate programs in law and economics.

7120.10 Program Admission

There are no admission requirements specific to the Economics program. However, Economics students are required to meet all University and College admission requirements.

7120.20 Program Financial Information

There are no special fees associated with majoring in Economics. However, Economics majors must pay all tuition and fees charged by the University and the College.

7120.30 Program Academic Regulations

Required Major Courses: Econ 3900, 3910, 4999, and four other 4000-level economics courses approved by a B.B.A. faculty adviser. Econ 3900 and 3910 provide theoretical background for 4000-level courses and should be taken as soon as possible. Econ 4999 is only offered during the Fall and Spring semester of the academic year. The pre-requisites for Econ 4999 are Econ 3900, Econ 3910, and two 4000-level economics courses with a grade of C or better. Students are to plan accordingly with regard to the course pre-requisites and graduation.

Advisement for Major Courses: Economics majors must contact a faculty adviser in the department to discuss their selection of major courses. See aysps.gsu.edu/econ/6731.html for more information about economics advisement. The following course groupings are offered merely as suggestions for students with interests in the areas listed:

- Business: Econ 4300, 4470, 4500, 4800, 4810, 4950, 4960.
- Local, State, or Federal Government: Econ 4210, 4220, 4300, 4350, 4400, 4470, 4500, 4950.
- Foreign Service or International Business: Econ 4500, 4600, 4610, 4620, 4800, 4810.
- Pre-Law: Econ 4450, 4470, 4680, 4800, 4810, 4960.
- Graduate Studies in Economics: Econ 4930, 4950.
- Graduate Studies in Business: Econ 4470, 4500, 4810, 4930, 4950, 4960.
- Graduate Studies in Human Resource Management: Econ 4470, 4950, 4960.
- Graduate Studies in the Social Sciences: Econ 4080, 4350, 4390, 4600, 4680.

7130 Department of Finance

Programs Offered:

1. **B.B.A. in Finance**
2. **Minor in Finance**

12th floor, Robinson College of Business Building
404/413-7310, Fax: 404/413-7312
robinson.gsu.edu/finance

Gerald D. Gay, Chairman

Course Prefix: Fi

The goal of the undergraduate finance program is to prepare graduates to succeed in entry-level positions in finance and elsewhere in business. Careers in finance are available in nearly every organization ranging from the small entrepreneurial firm to the large corporate organization as well as in the financial services industry including commercial and investment banking, investment management, insurance organizations and securities firms. Students completing the finance program will possess a number of proficiencies including a strong technical knowledge of finance, the ability to critically analyze and solve problems associated with the financial operations of a firm, and to prepare and present business reports of a financial perspective.

7130.10 Program Admission

There are no admission requirements specific to the Finance program. However, Finance students are required to meet all University and College admission requirements.

7130.20 Program Financial Information

There are no special fees associated with majoring in Finance. However, Finance majors must pay all tuition and fees charged by the University and the College.

7130.30 Program Academic Regulations

Notice to all students: A minimum grade of C- is required to satisfy the prerequisites to any finance course.

Required Major Courses: FI 4000 (six semester hours), FI 4020, and three additional 4000-level finance courses. See the recommended sequence below.

Recommended Sequence: The Department of Finance encourages all students pursuing a major in finance to take FI 4000 and FI 4020 early in their program of study. FI 4000 is a prerequisite to all 4000-level finance courses except FI 4020. Students may take FI 4000 and FI 4020 in any order or concurrently.

The following sets of electives in the major are suggested for those students who wish to develop particular expertise in various fields of finance. These are simply suggestions.

- Corporate: FI 4300, FI 4320, FI 4200, or FI 4040, or FI 4080.
- Financial Institutions: FI 4400, FI 4420, FI 4200 or FI 4040 or FI 4080.
- Investment Management: FI 4200, FI 4210, FI 4240, FI 4260 or FI 4080.
- **Other Required Course:** ACCT 4210 must be taken in place of one course in the Robinson College of Business electives portion of the program.
- **Other elective option:** One three-semester-hour elective can be chosen from the 4000-level finance courses or from the other 3000/4000-level courses taught by the Robinson College of Business.
- **Suggested electives:** ACCT 4010, RE 4150, and RE 4160 are suggested as RCB electives.

7140 Institute of Health Administration

805 Robinson College of Business Building
404/413-7630

Andrew T. Sumner, Director

Course Prefix: HA

Health care represents the largest single sector of the economy, and many students will ultimately assume professional roles in fields that interact with health care in some manner. Health administration careers are available in many businesses and health care organizations in areas such as hospital and health system administration, physician practice management, consulting, research, marketing, information systems, managed care administration, finance, accounting, compliance, and human resources management. Since all consumers are part of an increasingly complex health care system, health administration courses are relevant and appropriate for all undergraduate majors.

Upper-level elective courses in health administration, perspectives courses in the core curriculum, and freshman learning communities are offered for those interested in acquiring general knowledge of the health care system, particularly those considering careers related to health care such as physicians, nurses, or other providers. Specifically, HA 3900, Introduction to the U.S. Health Care System, which offers introduction to the organization of health care delivery in the U.S., HA 3910, Health Policy in the United States, which examines how health care policy is developed, and HA 3970, Health Information Systems, which provides an overview of information systems in healthcare, are three elective courses . A health informatics specialization is available in the BBA computer information systems major. Although no BBA major is available in health administration, graduate degree programs are offered: Master of Business Administration/Master of Health Administration joint programs, Master of Science in Health Administration, and the MBA with a concentration in health administration.

The Institute of Health Administration at Georgia State University has a primary mission to prepare future executives to assume responsible managerial positions in health services and business organizations. It is the only program in North Georgia accredited by the Commission on Accreditation of Healthcare Management Education and is a full member of the Association of University Programs in Health Administration. Over 1000 graduates hold numerous executive positions in health care and business throughout the nation.

7150 Honors Program

Robinson College of Business
Suite 1001
404/413-7555

http://robinson.gsu.edu/programs/undergraduate-programs/honors-program/

Dr. Marta Szabo White, Director

Purpose

The Honors Program provides a cohort learning experience for top undergraduate Robinson College of Business (RCB) majors who strive to excel academically and accept the challenge of becoming strong, exemplary global business leaders. Honors classes are required for the junior business core courses, junior communications course, RCB (2) electives, and Business Policy (capstone). A total of 27 hours of honors classes must be taken to graduate with RCB honors. The RCB Mentoring program is the cornerstone of the college's signature program, where honors students are paired with experience professionals who share their expertise and guidance through individual mentoring sessions. Students are also strongly encouraged to participate in a study abroad program. In addition, at least one professional/social event for the RCB Honors students will be offered each semester. Honors students will also have the opportunity to network with Atlanta business professionals by serving as RCB student ambassadors at both the RCB Hall of Fame dinner and RCB Alumni Awards program. The RCB Honors Program presents students with a forum for unique opportunities, special recognitions and enhanced career prospects, while enriching the quality of their education.

Admission

Full-time students majoring in business who have completed at least 45 hours with a GSU grade point average of 3.5, or junior transfers who have a transfer GPA of 3.5 may apply. An interview with the faculty director of the RCB Honors Program is required for admission into the program. Students who have participated in the Freshman and/or Business (sophomore) Learning Communities are encouraged to apply.

Scholastic Standards

Students must maintain a 3.5 grade point average (GPA) in order to remain in the honors program. A student whose GPA falls below 3.5 will be given one academic semester (fall, spring or summer) in which to attain a 3.5 GPA again.

Honors Recognition

Students who successfully complete the RCB Honors program will receive special recognition in the commencement program, on their transcript and their diploma will be distinguished with an honors seal. In addition, RCB honors students will be recognized at the RCB Honors/Awards program.

7160 Cecil B. Day School of Hospitality Administration

Programs Offered:

1. **B.B.A. in Hospitality Administration**
2. **Minor in Hospitality Administration**
3. Certificates in Hospitality Administration
4. **Masters in Global Hospitality Management**

210 Robinson College of Business Building
404/413-7615

Debra F. Cannon, Director

Course Prefix: HADM

The mission of the Cecil B. Day School of Hospitality Administration is to develop hospitality leaders in a global society.

The primary goal is to provide a well-integrated curriculum incorporating courses in the arts, sciences, general business theory, and hospitality applications that will prepare our students for management and leadership positions in the hospitality industry.

The Cecil B. Day School of Hospitality Administration was named in honor of the late founder of the Days Inn Hotel chain. Cecil B. Day is remembered as an astute businessman who developed Days Inn to national prominence. He was equally respected because he gave freely of his time and wealth to worthy organizations. His legacy of excellence is the foundation upon which the program bases its philosophy for preparing future generations of hospitality executives.

The Cecil B. Day School of Hospitality Administration prepares its graduates for management careers in numerous hospitality industry segments including: hotels and lodging, resorts, restaurants, private clubs, food service, tourism, event planning, meeting planning, festivals, trade shows and airline and airport management. Graduates are awarded a bachelor of business administration degree with a major in hospitality administration.

Students majoring in hospitality administration will take 21 semester hours of required hospitality courses. These core courses will give the student a general knowledge of all segments of the hospitality industry. Specialized elective courses and industry field study allow students to gain additional insight regarding specific industry segments.

The school has the support of local, regional, and national hospitality executives. Georgia State University was the first institution of higher education to offer specialized courses in fair and trade show management. The school was chosen in 1986 by the Club Managers Association of America to develop, produce, and direct their Business Management Institute for certification of club managers across the United States and this program continues today. The School of Hospitality works closely with leading professional associations such as the Georgia Hotel and Lodging Association and the Georgia Restaurant Association.

Student organizations are tied to these professional organizations and offer excellent leadership opportunities for students interested in the hospitality field. The School of Hospitality has student chapters of the American Hotel and Lodging Association, the Club Managers Association of America, the International Association of Events and Expositions and the National Society of Minorities in Hospitality.

The program was accredited in 1992 by the Accreditation Commission on Programs in Hospitality Administration, a specialized accrediting body and reaccredited in 2000 and 2007. The program is an institutional member of the International Council on Hotel, Restaurant and Institutional Education, the principle academic and professional association for hospitality education programs.

The School of Hospitality has unique state-of-the-art facilities. The School's Hospitality Learning Center is the first dedicated classroom in the nation located within a major convention center, the Georgia World Congress Center. The School's Culinary Learning Center features a new food production kitchen lab.

The faculty of the program call upon practitioners to lecture on specialized industry topics. Industry managers and executives work with faculty and college administration to maintain a program relevant to industry needs. The school offers scholarships which are awarded annually.

7160.10 Program Admission

There are no admission requirements specific to the Hospitality Administration program. However, Hospitality Administration students are required to meet all University and College admission requirements.

7160.20 Program Financial Information

There are no special fees associated with majoring in Hospitality Administration. However, Hospitality Administration majors must pay all tuition and fees charged by the University and the College.

7160.30 Program Academic Regulations

Required Major Courses: HADM 3010, HADM 3401, HADM 3402, HADM 3720, HADM 3750, HADM 3760, HADM 4100, HADM 4800.

Robinson College of Business (RCB) Electives: As an exception to normal degree requirements, hospitality majors are required to select RCB electives from courses in the hospitality major. This exception is provided to fulfill the requirements of the hospitality administration accrediting body that hospitality majors specialize in more than one area of the discipline.

Faculty Advisement: All new hospitality administration majors are invited to initially contact the department. The school offers orientation materials at the beginning of each semester for new hospitality majors. Majors should call the school office to schedule appointments 404-413-7615

Industry Field Study Requirement: All students majoring in hospitality administration must have practical industry experience in order to be approved for graduation. Each student is given the opportunity to apply career objectives and gain exposure to the work environment as it actually exists in the hospitality

industry. This experience assists in developing professional work habits, provides for a smooth transition into full-time employment, helps develop self-confidence, and provides exposure to the different components of the hospitality industry. Students who have full-time jobs in nonhospitality occupations do not have to quit their jobs; however, in order to satisfy the requirements for the work-study experience, students are advised to begin working part-time in an adviser-approved hospitality position as soon as possible.

A required noncredit course, HADM 4900, is offered each semester to assist students in meeting this work-study requirement. Students must register for this course during their senior year. They should obtain a course description packet from the school office and contact the Work Study Coordinator in the school for more detailed information.

7160.40 Certificate in Hospitality Administration

The Certificate in Hospitality Administration (CHAD) program is designed for nonhospitality majors. Admission to the CHAD program is subject to the minimum Georgia State cumulative GPA required for entrance into RCB upper-level classes. Obtaining the Certificate of Hospitality Administration is based on completion of at least four stipulated undergraduate hospitality courses with a combined GPA of 3.0 for these courses.

The certificate option is available for undergraduate, graduate, and postbaccalaureate students who are not current hospitality majors. Certificates are awarded by the Cecil B. Day School of Hospitality Administration to undergraduate and graduate students upon graduation from Georgia State University. For postbaccalaureate students, the certificates are awarded upon completion of the four courses with a cumulative GPA of 3.0.

This certificate focuses on operational aspects of hotels, restaurants, private clubs; meeting, special-event, and trade show management; and managerial functional areas in hospitality such as human resources, marketing, law, and financial analysis.

Specialization options within the certificate program are available. These specialty areas include hospitality operations, aviation management, culinary management, event management and meeting and tradeshow management. Please visit the School's website (www.hospitality.robinson.gsu.edu) to find out about specific requirements for each type of certificate.

Certificate Applications and Fees. Interested students should apply for the certificate program through the School of Hospitality Administration. There are no additional fees required for the Certificate in Hospitality Administration.

7170 Institute of International Business

14th Floor, Robinson College of Business Building
404/413-7275

Daniel Bello, Director

The explosion of technological advances coupled with the rapid expansion of world trade means that business managers function in an economic environment where a local decision can have implications around the world almost immediately. An understanding of the global aspects of business is vital to success in today's world.

Though a B.B.A. major in international business is not currently offered, a Certificate in International Business is available for all majors and BBA candidates. The institute offers several upper-level electives that can enhance the program of any major in the B.B.A. program: IB 3090, Introduction to International Business; IB 4020, International Trade Management; IB 4080, Legal Issues in International Business, IB 4100, Introduction to International Entrepreneurship and IB 4410, Study Abroad: Analysis of Regional International Business Practices, which can be repeated for different world regions and focus on different disciplines. The Institute of International Business participates in the undergraduate program in several ways. An integral part of the Business Learning Community described earlier in section 7110 is BUSA 3000, Globalization and Business Practices. BUSA 3000 is also offered in Spanish.

Certificate in International Business

The Certificate of International Business (CIB) Program is designed for all majors and BBA candidates in the Robinson College of Business. Its objective is to certify and a solid International Business background for those who wish to enhance their preparation and opportunities when entering the job market. It includes an experience through a required study abroad program and three additional classes with a well defined International Business content.

In addition to taking BUSA 3000, the Certificate of International Business requires 12 hours of course work. This includes three credit hours from a study abroad program.

Study Abroad Programs

The Institute promotes international learning experiences through a strong portfolio offering of study abroad programs. The study abroad programs range from two-to-three week intensive experiences to semester- and year-long programs. The programs span disciplines and geographic regions, affording students in all business disciplines the rich rewards of an international study experience. RCB currently offers programs in Argentina, Belgium, Brazil, China, France, Germany, Hungary/Czech Republic, Italy, South Africa, Turkey, and Switzerland. Semester- and/or year-long options are available in Germany, France, Mexico, and Italy. Other locations are possible through our partner institutions. Students must be in good standing with a minimum cumulative GPA of 3.0. Additional requirements vary by program. For individual program descriptions and application information, consult the Institute of International Business website at iib.gsu.edu or contact IIB at iib@gsu.edu.

International Business Alliance

The International Business Alliance (IBA) is a student organization that is sponsored by the Institute and is open to all students. The IBA provides a wide range of opportunities for students to build business relationships in the international business community, to broaden and deepen their knowledge of the practice of international business, and to meet other students with similar interests and career goals. IBA programs include:

- **Mentor Program:** The Mentor Program is the flagship program of the International Business Alliance. Each student is matched with a senior executive who brings a wealth of experience and insight to the practice of international business. Applications accepted during the summer term for this annual program that begins each fall.
- **Speakers Forum:** Speakers from the international business community are invited to talk on various topics of interest. The topics vary by industry, functional areas, or geographic focus. It is an opportunity to meet leaders in the community, to expand students' knowledge base, and to explore a new area of interest.
- **Company visits:** Company visits provide an opportunity to meet the practitioners on their turf, to ask questions, and to build relationships.
- **Dine & Unwind:** Students attend dinners at different ethnic restaurants in the Atlanta area and learn about the culture, traditions, and business practices in those countries.

Several other types of community, cultural, and social events are part of the activities of the IBA. For additional information and announcements, consult the website at iib.gsu.edu/, contact the IBA office at iibiba@langate.gsu.edu or call 404/413-7286 The IBA office is located in Room 1436, RCB Building.

GSU AIESEC

AIESEC is an international non-profit organization that strives for spreading cultural understanding by means of international exchange. Being the world's largest student organization, AIESEC serves as an "international platform for young people to discover and develop their potential so as to have a positive impact on society". Currently, AIESEC occupies over 1,100 universities spanning across more than 100 countries and territories AIESEC encourages and helps students to discover both their social and professional potentials. Through AIESEC, students have access to leadership positions, traineeship abroad opportunities, and conferences.

AIESEC offers unparalleled leadership development experiences to its members and creates a network of global change agents that have a positive impact on our society. The AIESEC Experience includes international internships, leadership opportunities, and a global learning environment. AIESEC also offers regional, national, and international conferences where members can network with people from around the globe and discuss international issues

For additional information and announcements, consult the website at robinson.gsu.edu/iib/aiesec.html.

7180 Department of Managerial Sciences

Programs Offered:

1. **B.B.A. in Managerial Sciences**

10th floor, Robinson College of Business Building
404/413-7525

Pamela S. Barr, Interim Chair

Course Prefix: MGS

Skilled management is the backbone of successful enterprise. Career specialties in the managerial sciences, such as business analysis, human resource management, operations management, and entrepreneurship provide students with highly coveted qualifications to advance their careers quickly. Students receiving a degree in managerial sciences will be poised to assume leadership positions in their organizations and industries, with entry-level positions available in such diverse areas as human resource management, business analysis, regional management, general management, operations management, and entrepreneurial ventures, reflecting a growing market for talented, well-trained specialists in the managerial sciences.

7180.10 Program Admission

There are no admission requirements specific to the Managerial Sciences program. However, Managerial Sciences students are required to meet all University and College admission requirements.

7180.20 Program Financial Information

There are no special fees associated with majoring in Managerial Sciences. However, Managerial Sciences majors must pay all tuition and fees charged by the University and the College.

7180.30 Program Academic Regulations

Required Major Courses: MGS 4000, MGS 4300, MGS 4700, and four additional 4000-level managerial sciences courses. The faculty strongly urges students wanting to maximize career opportunities to focus the majority of those four additional courses in one of four career tracks. These tracks are simply suggestions; however students should be mindful that they do have to take a Critical Thinking through Writing (CTW) class in order to satisfy the CTW requirement set out in section 1430 of this catalog. The courses that satisfy the requirement for a 4000-level CTW course are marked with an * in the lists below.

HUMAN RESOURCE MANAGEMENT

- MGS 4320*
- MGS 4360
- MGS 4390

BUSINESS ANALYSIS

- MGS 4020
- MGS 4110
- MGS 4120*
- MGS 4140

ENTREPRENEURSHIP

- MGS 4500
- MGS 4550
- MGS 4560*

OPERATIONS MANAGEMENT

- MGS 4730
- MGS 4740
- MGS 4760
- MGS 4770*

Students following one of these tracks would choose a fourth elective course (any course with a MGS prefix, including courses from the other three career tracks).

7180.40 Focus in Entrepreneurship

The Focus in Entrepreneurship program is designed for students from any undergraduate business major to complement that major with a focused study in entrepreneurship. Admission to the Focus in Entrepreneurship program is subject to the minimum Georgia State University cumulative GPA requirement for entrance into RCB upper-level classes. Obtaining a letter of completion for the Focus in Entrepreneurship is based on completion of at least three specified courses with a minimum combined GPA of 3.3 for these courses, with no grade in any of them lower than a B.

Students in a variety of majors (for example, Computer Information Systems, Finance, Real Estate, Marketing, Hospitality, and Accountancy) may start or work in an entrepreneurial venture. The Focus in Entrepreneurship, combined with the knowledge gained in their major, will help those students realize those career plans. Some students may use their major as they join a family-owned or other closely held company. Those students will also benefit from complementing their major with a focused study in entrepreneurship.

Requirements: Take the following courses. Be aware that some have prerequisites and other requirements for enrollment. Although students are permitted to take MGS 4590 twice for graduation credit, it may count only once for the letter of completion.

- MGS 4500 Entrepreneurial and New Venture Management
- MGS 4550 Managing a Family Business
- MGS 4590 Entrepreneurship Field Study

Applications and Fees: Interested students should review the application procedures on the Herman J. Russell Sr. International Center for Entrepreneurship web site at robinson.gsu.edu/rec/. There are no additional fees required for the Certificate in Entrepreneurship.

7190 Department of Marketing

Programs Offered:

1. **B.B.A. in Marketing**
2. **Minor in Marketing**
3. **Certificate in Professional Sales**

13th floor, Robinson College of Business Building
404/413-7650

Naveen Donthu, Chair
Bruce Pilling, Associate Chair

Course Prefix: MK

Marketing is an exciting, dynamic process through which customer needs and wants are determined and satisfied through the conception, development, promotion, exchange, and distribution of goods and services. The undergraduate program in marketing provides students with fundamental preparation in general marketing and an understanding of markets and customers, product development, pricing strategies, advertising and promotion, and methods of distribution. The program also develops the student's capacity to solve managerial problems in marketing and prepares men and women to enter careers in the field. A wide range of career opportunities is available to marketing graduates. Marketing management is often the path to the top of the business organization. Entry-level positions are available in selling, product development, advertising, promotion, physical distribution, industrial marketing, marketing research, customer service, and many other specialties. The challenges of marketing require men and women with creative ability, intelligence, and analytical skill that are prepared to fill an ever-increasing number of senior staff and executive positions.

7190.10 Program Admission

There are no admission requirements specific to the Marketing program. However, Marketing students are required to meet all University and College admission requirements.

7190.20 Program Financial Information

There are no special fees associated with majoring in Marketing. However, Marketing majors must pay all tuition and fees charged by the University and the College.

7190.25 Program Academic Regulations

Required Major Courses: MK 4010, MK 4100, 4200, 4900 and three additional 4000-level courses in marketing. MK 3010 (required for all BBA students) is not included in the 21 hour course requirement for the marketing major.

Recommended Sequence: Take MK 4100 as early as possible. MK 4900 should be taken during the last

semester of the senior year.

The following sets of major courses are suggested by the faculty for those students who wish to specialize in various fields. These are simply suggestions:

- Sales: MK 4330, MK 4331, MK 4340
- Retailing: MK 4400, MK 4420, MK 4510
- Marketing Management: MK 4620, MK 4400, MK 4300
- Advertising: MK 4300, MK 4305, MK 4310
- Digital Marketing: MK 4305, MK 4720, MK 4300
- Marketing for Small Businesses: MK 4620, MK 4800, MK 4510

All students pursuing a minor in Marketing must maintain a 2.5 or higher GPA. Students must have 45 hours of college credit before enrolling for upper-level Marketing courses. Students seeking a minor in Marketing should consult the recommended sets of MK courses for Marketing majors, according to their individual interests.

7190.30 Minor in Marketing

Students seeking a minor in Marketing must complete 15 hours in upper-level MK-prefixed courses. A minor in Marketing must include MK 3010 (Basic Marketing) and MK 4100 (Buyer Behavior). Students must take ECON 2106 (Principles of Microeconomics) as a prerequisite for MK 3010, but the course may also be used to partially satisfy Area E requirements. Students pursuing a BBA with a minor in Marketing must take BCOM 3950 as a co-requisite for MK 4100 and a prerequisite for other 4000-level MK courses. Non-business majors may substitute one of the following courses, or a comparable upper-level course that emphasizes effective oral / written communication, for BCOM 3950:

- ENGL 3130 Business Writing
- SPCH 3010 Advanced Public Speaking
- SPCH 3210 Business and Professional Communication
- JOUR 3500 Public Relations

All students pursuing a minor in Marketing must maintain a 2.5 or higher GPA, and must earn a grade of C- or better in all courses counting toward the major. Students must have 45 hours of college credit before enrolling for upper-level Marketing courses.

7190.35 Certificate in Professional Sales

Students may earn the Certificate in Professional Sales by meeting the following requirements. Students must earn an overall GPA of 3.0 or higher in all courses taken in RCB. Students must complete BCOM 3950 with a grade of B- or higher and complete Mk 3010 with a grade of B- or higher. Students must complete MK 4100 and MK 4200

- Overall GPA of 3.0 or higher in courses taken in RCB
- BCOM 3950 and MK 3010 each with a grade of B- or higher
- MK 4100 and MK 4200

- MK 4900 with a grade of B- or higher
- And the following 15 hours of courses, all with a grade of B- or higher: MK 4330 Professional Sales, MK 4331 Key Account Sales, MK 4340 Sales Management, MGS 4430 Negotiation, and MGS 4440 Working in Teams

7190.40 Business Communication Programs

Beverly Y. Langford, Coordinator

Course Prefix: BCOM
Effective communication allows individuals to understand each other, encourages people to take action, and motivates others to think creatively and critically. Business Communication Programs offer undergraduate and graduate classes that prepare students to effectively handle the demanding communication tasks of the twenty-first century. Students develop professional communication skills and learn how culture, ethics, and technology affect communication. Faculty members bring experience to Business Communication Programs from academic disciplines, as well as corporations, and address communication issues based on diversity and globalization. Strong communication skills are vital for all disciplines today. The program continues to evolve to meet the advanced communication requirements of business students at Georgia State University.

7200 Department of Real Estate

Programs Offered:

1. **B.B.A. in Real Estate**
2. **Minor in Real Estate**

14th floor, Robinson College of Business Building
404/413-7720

Gerald D. Gay, Interim Chair

Course Prefix: RE

Individuals who deal in land assets, as investors, brokers, appraisers, analysts, financiers, or developers, require substantial awareness of the community's political and economic characteristics plus a thorough knowledge of the economics involved in each investment situation. The curriculum in real estate is designed to provide the student with an understanding of (1) the various phases of real estate activity, (2) the economic and social services relating to land use that are performed by individuals and institutions, and (3) the forms of business and professional services necessary to support real estate activity.

7200.10 Program Admission

There are no admission requirements specific to the Real Estate program. However, Real Estate students are required to meet all University and College admission requirements.

7200.20 Program Financial Information

There are no special fees associated with majoring in Real Estate. However, Real Estate majors must pay all tuition and fees charged by the University and the College.

7200.30 Program Academic Regulations

Required Major Courses: RE 3010, RE 4050, RE 4150, RE 4160, and three additional 4000-level courses in real estate.

7200.40 Minor in Real Estate

Students seeking a minor in Real Estate must complete 15 hours in Real Estate: RE 3010, RE 4050, RE 4150, and two Real Estate-prefix elective course. All students pursuing a minor in Real Estate must maintain a 2.5 or higher GPA in the minor, and must earn a grade of C- or better in all courses counting toward the minor. Prerequisites for courses are required unless consent of the instructor is given. Students must have 45 hours of college credit before enrolling in Real Estate courses.

7210 Department of Risk Management and Insurance

Programs Offered:

1. **B.B.A. in Actuarial Science**
2. **Minor in Actuarial Science**
3. **B.B.A. in Risk Management and Insurance**
4. **Minor in Risk Management and Insurance**

11th floor, Robinson College of Business Building
404/413-7500
rmi.robinson.gsu.edu

Martin F Grace, Chair

The Department of Risk Management and Insurance is an interdisciplinary academic unit. It offers undergraduate majors in actuarial science and in risk management and insurance, together with courses in the areas of legal studies and personal financial planning.

7220 Actuarial Science

Eric Ulm, Faculty Adviser

Course Prefix: AS

Actuaries have been called financial architects and social mathematicians because of their unique blend of analytical and business skills in the insurance and financial services industry, as consultants in firms that specialize in employee benefits and pensions, in the government sector, and in a variety of other roles. To be recognized as a qualified actuary, a person should become a member of the Society of Actuaries or the Casualty Actuarial Society. Admission to membership is obtained by passing a series of examinations given by the societies. Completion of the actuarial science program at Georgia State University greatly enhances the possibility of passing the examinations given by the actuarial societies.

The tremendous demand for such highly trained persons makes a career in this area very rewarding financially and in providing the satisfaction that comes from membership in a well-recognized profession.

In order to meet the critical shortage of actuarial personnel in this region, the Southeastern Actuaries Club endorsed the establishment of the actuarial program at Georgia State University as part of the university's comprehensive insurance educational activity. The program continues to have the strong support of the actuarial profession. Inquiries concerning the actuarial profession or the details of the program at Georgia State University should be directed to the department.

7220.10 Program Admission

There are no admission requirements specific to the Actuarial Science program. However, Actuarial Science students are required to meet all University and College admission requirements.

7220.20 Program Financial Information

There are no special fees associated with majoring in Actuarial Science. However, Actuarial Science majors must pay all tuition and fees charged by the University and the College.

7220.30 Program Academic Regulations

Required Major Courses: FI 4000: AS 4140, AS 4230, AS 4350 and pick two out of three from AS 4320, AS 4350, and AS 4510

Other Required Courses: MATH 2212, MATH 2215, as well as MATH 4752 or ECON 4950 must be taken in place of the non-RCB electives. For students with appropriate mathematics background, MATH 2211 should be taken in core area A in place of MATH 1111 (college algebra) or in place of MATH 1113 (precalculus) in core Area D. Students who make one or both of these substitutions will choose one or two non-RCB electives, as appropriate. MATH 4751 should be taken in place of MGS 3100 in the junior business core. MATH 2215 must be completed with a grade of C or higher.

MATH 2215 must be completed with a grade of C or higher.

RMI 3750 and RMI 4350 must be taken in place of RCB electives; grades of C or higher are required.

It is highly recommended that new actuarial science majors consult with their major adviser at their earliest convenience so that an efficient program can be constructed in accordance with the unique nature of the actuarial science major and course scheduling requirements.

7230 Legal Studies

Course Prefix: LGLS

The Legal Studies Courses offered through the Department of Risk Management and Insurance afford a base for scholarship and teaching at the intersection of law and business. Legal Studies courses provide non-professional legal education open to business students in both the J. Mack Robinson College Business and those in the broader university community.

Students can receive a minor in the BBA-RMI program that emphasizes legal transactions and risk. Doing so provides non-major students the opportunity to examine legal approaches to the management of risk exposures in corporate and personal settings. All business majors may find the minor attractive but specific majors that should find the minor especially attractive include accounting and managerial sciences, economics, political science and pre-law students,

The Legal Studies course offerings are among the most popular at the undergraduate level in the college.

BUSA 2106 Legal Environment of Business

This course provides the business student with a study of the interrelationship of law, ethics, and business.

LGLS 3020 Introduction to the Law

This course is an introduction to the law, a multifaceted and broad discipline which affects every aspect of our society. The course provides an overview of the legal system and legal analytical models.

LGLS 4030 The Legal Process

The course gives students a better understanding of the legal process, the role of the primary actors in the process, how they think and act, and why.

LGLS 4050 Legal Transactions and Risk

This course examines legal transactions in the corporate environment and provides a conceptual framework for examining contracts and other transactions to enable students to minimize and/or allocate risk to produce more legal certainty in business.

LGLS 4060 Internet Law

This course examines how the U.S. legal system is evolving to accommodate the Internet's impact on business practices, society and values. The course covers a wide range of Internet-related legal issues including technology and the law, court jurisdiction over Internet-related business activities, intellectual property, e-commerce, taxation of Internet sales, privacy in cyberspace, on-line defamation, information security, cyber-crimes, and government regulation of Internet services.

7240 Risk Management and Insurance

Harold Weston, Adviser

Course Prefix: RMI

The program in risk management and insurance strives to prepare qualified and motivated students for positions of leadership and responsibility in risk management, insurance, and other financial services businesses and in general business and government. The Bachelor of Business Administration in Risk Management and Insurance challenges the student both quantitatively and qualitatively as it emphasizes critical thinking for decision making under uncertainty. Qualified students can find excellent opportunities for creative work, professional recognition, financial reward, and public service within this degree program.

The major has two tracks of study. The first track is for those who desire to work in the insurance industry or in risk management in general. The required courses introduce students to the business of insurance and risk management from a corporate perspective. Elective course can allow the student a degree of specialization in life insurance, property liability insurance, or risk management. Graduates of the risk management and insurance track find employment as brokers/agents providing professional risk management counseling and market placement services for clients, as consultants and personal financial planners, and in the underwriting, marketing, claims adjusting, planning, governmental relations, and financial management activities of insurers.

The second track is for those with an interest in risk analysis. This track is for those who are interested in the understanding how to model risk, how to assess risk, and how to communicate risk in a business or governmental setting. Students will take courses in risk modeling, legal risk analysis, regulation, economics, and policy. Graduates in the risk analysis track find a variety of career opportunities open to them as risk analysts within the risk management and insurance business, in other financial institutions, and in community and government agencies.

7240.10 Program Admission

There are no admission requirements specific to the Risk Management and Insurance program. However, Risk Management and Insurance students are required to meet all University and College admission requirements.

7240.20 Program Financial Information

There are no special fees associated with majoring in Risk Management and Insurance. However, Risk Management and Insurance majors must pay all tuition and fees charged by the University and the College.

7240.30 Program Academic Regulations

Focus on Risk Management & Insurance Required Major Courses:

RMI 3750
RMI 4150

RMI 4300
RMI 4350

and pick three of the following:

RMI 3500, RMI 4010, RMI 4020, RMI 4530, RMI 4700, RMI 4391, RMI 4530, FI 4020, LGLS 4050, or PFP 4000.

Students who lack broad knowledge of insurance principles, markets, and institutions are strongly encouraged to begin their course of studies with RMI 3500.

Focus on Risk Analysis Suggested Major Courses

RMI 3750
RMI 4005
RMI 4015
RMI 4025
RMI 4990
RMI 4150

And pick one from the following:

RMI 3500, RMI 4010, RMI 4020, RMI 4530, RMI 4700, FI 4020, LGLS 4050, or PFP 4000.

Other Required Courses for Risk Analysis Track: Math 1220 must be taken in place of the non-RCB electives. For students with appropriate mathematics background, MATH 1220 should be taken in core area A in place of MATH 1111 (college algebra) or in place of MATH 1113 (precalculus) in core Area D. Students who make one or both of these substitutions will choose one or two non-RCB electives, as appropriate. RMI 3750 must be completed with a grade of C or higher. ECON 4950 is a prerequisite to RMI 4050 and should be included as a Non-RCB elective.

It is highly recommended that new RMI majors with an interest in risk analysis consult with their major adviser at their earliest convenience so that an efficient program can be constructed in accordance with the unique nature of the track and course scheduling requirements.

Obtaining a letter of completion for the Risk Analysis track is based on completion of all the recommended courses.

7250 Minor in Entrepreneurship

7251 Program Description and Objectives

The Minor in Entrepreneurship, open to all Georgia State University undergraduates, is designed to impart the enthusiasm, skills, knowledge, passion and commitment necessary to develop entrepreneurs among the diverse Georgia State University undergraduate student population. It will provide the basic skills necessary for students to turn creative ideas into business ventures. Students successfully completing this minor will have an understanding of effective entrepreneurial thinking, the ability to recognize entrepreneurial opportunities, and basic capabilities in the core skills needed to launch new ventures.

7252 Program Curriculum

7252.1 Program Requirements

Thirty (30) credit hours and permission of an authorized advisor for this minor are required to declare a Minor in Entrepreneurship. Pre-requisites for specific courses within the minor are required unless consent of the instructor is given. Courses that count toward a student's major cannot also count toward this minor.

Satisfactory completion of the following courses is suggested prior to declaring this minor.

ACCT 2101 Principles of Accounting I
BUSA 2106 Legal Environment of Business (3)
ECON 2100 Global Economy (3 credit hours)
ECON 2105 Principles of Macroeconomics (3) or
ECON 2106 Principles of Microeconomics (3)
ENGL 1102 English Composition II (3)
MATH 1070 Elementary Statistics (3)
SOCI 1160 Introduction to Social Problems (3)

7252.2 Required Courses for the Minor in Entrepreneurship (15 hours)

Students pursuing the Minor in Entrepreneurship must take five (5) courses in one of the two sequences below; courses that count toward a student's major cannot also count toward this minor.

Students graduating *with a degree not offered by the Robinson College of Business*; for example the Bachelor of Interdisciplinary Studies degrees:

BUSA 3090 Survey of Business Principles for Non-Business Students
ENI 3101 Entrepreneurial Thinking for Startups
ENI 3102 The Startup Venture
ENI 3103 Commercializing the Startup

and* one *course from the list of Minor in Entrepreneurship Electives below.

Students graduating with a degree offered by the Robinson College of Business, including dual degree students where one degree is from the Robinson College of Business:

ENI 3101 Entrepreneurial Thinking for Startups
ENI 3102 The Startup Venture
ENI 3103 Commercializing the Startup

and **two** courses from the list of Minor in Entrepreneurship Electives below.

Minor in Entrepreneurship Electives

Note that these courses may have prerequisites that must be satisfied separately unless consent of the instructor is given.

ENI 4100 From Startup to Growth Company
MGS 4500 Entrepreneurship/New Venture Management
MGS 4550 Managing a Family Business
MGS 4560 Small Business Management
MGS 4590 Entrepreneurship Field Study
MK 3010 Marketing Management
MK 4305 Social Media Marketing
MK 4330 Principles of Professional Sales
MK 4850 Marketing for Entrepreneurs

Other courses can be substituted by permission of the program advisor.

Process of Admission

Students wishing to declare a Minor in Entrepreneurship must file the proper paperwork with the Undergraduate Student Advisement Center or their College's Office of Academic Assistance. The student's advisor will determine the student's eligibility and process the paperwork accordingly.

7260 Graduate Programs Offered by the J. Mack Robinson College of Business

Georgia State University offers through the J. Mack Robinson College of Business graduate programs leading to the following degrees:

1. **Doctor of Philosophy in Business Administration**
2. **Master of Business Administration**
3. **Master of Business Administration/Juris Doctor**
4. **Master of Business Administration/Master of Health Administration**
5. **Master of Actuarial Science**
6. **Master of Science in Risk Management and Insurance**
7. **Master of International Business**
8. **Master of Global Hospitality Management**
9. **Master of Professional Accountancy**
10. **Master of Professional Accountancy/Juris Doctor**
11. **Master of Science in Business Economics**

12. **Master of Science in Managerial Science**
13. **Master of Science in Marketing**
14. **Master of Science in Health Administration**
15. **Master of Science in Information Systems**
16. **Master of Science in Information Systems Audit and Control**
17. **Master of Science on Managing Information Technology**
18. **Master of Science in Real Estate**
19. **Master of Science in Finance**
20. **Master of Science in Wealth Management**
21. **Master of Taxation**

Information concerning the programs leading to the graduate degrees is contained in the university's graduate catalog. Inquiries concerning masters' programs should be directed to the Office of Graduate Recruiting and Student Services of the J. Mack Robinson College of Business (605 RCB Building, 404/413-7167) at least six months in advance of the desired time of entry. Inquiries concerning the doctoral program should be directed to the Doctoral Program Office, 831 RCB Building, 404/413-7070.

The J. Mack Robinson College of Business also offers graduate certificate programs in accounting, enterprise risk management, information systems, brand and customer management, and strategic sales leadership.

8000 School of Public Health

The School of Public Health does not offer any undergraduate programs. Interested students should visit the School of Public Health website at publichealth.gsu.edu.

Appendix I Course Descriptions

Undergraduate courses offered by Georgia State University are listed in this section in alphabetical prefix order and course name.

Course Subjects

3DS Three-dimensional Studies

AAS African-American Studies

ACCT Accounting

AE Art Education

AH Art History

AL Applied Linguistics

ANTH Anthropology

ARBC Arabic

ART Art

AS Actuarial Science

ASTR Astronomy

BCOM Business Communication

BIOL Biology

BRFV Birth Through Five

BUSA Business Administration Ugrad

BA Business Administration Grad

CHEM Chemistry

CHIN Chinese

CIS Computer Information Systems

CLAS Classical Studies

CPS Counseling & Psychological Services

CRJU Criminal Justice

CSC Computer Science

DPP Drawing, Painting, Printmaking

ECE Early Childhood Education

ECON Economics

EDBT Education/Business Technology

EDCI Education/Curriculum & Instruction

EDLA Language Arts Education

EDMT Mathematics Education

EDRD Reading Education

EDSC Science Education

EDSS Social Studies Education

EDUC Education

ENGL English

ENI Entrepreneurship Minor

EPRS EPS/Research

EPY Educational Psychology

EXC Exceptional Children

FI Finance

FILM Film

FOLK Folklore

FORL Foreign Language

FREN French

GEOG Geography

GEOL Geology

GERO Gerontology

GRD Graphic Design

GRKA Ancient Greek

GRKM Modern Greek

GRMN German

GSU New Student Orientation

HA Health Administration

HADM Hospitality Administration

HBRB Biblical Hebrew

HBRM Modern Hebrew

HIST History

HON Honors

IB International Business

ID Interior Design

IEP Intensive English Program

INEX International Exchange

ISCI Integrated Sciences

ITAL Italian

JAPN Japanese

JOUR Journalism

JST Jewish Studies

KH Kinesiology & Health

KORE Korean

LATN Latin

LGLS Legal Studies

LT Learning Technologies

MATH Mathematics & Statistics

MES Middle East Studies

MGS Managerial Sciences

MK Marketing

MSL Military Science Leadership

MTM Music Technology Management

MUA Music Appreciation

MUS Music

NEUR Neuroscience

NSCI Natural Sciences

NURS Nursing

NUTR Nutrition

PERS Perspectives

PFP Personal Financial Planning

PH Public Health

PHIL Philosophy

PHOT Photography

PHYS Physics

PMAP Public Management & Policy

POLS Political Science

PORT Portuguese

PSYC Psychology

PT Physical Therapy

RE Real Estate

RELS Religious Studies

RMI Risk Management & Insurance

RT Respiratory Therapy

RUSS Russian

SNHP School of Nursing & Health Professions

SOCI Sociology

SPAN Spanish

SPCH Speech

SW Social Work

SWAH Swahili

TEXT Textiles

THEA Theatre

TURK Turkish

WGSS Women's, Gender, and Sexuality Studies

Definitions

Computer Skills Prerequisites (CSP)
Some courses offered by the Robinson College of Business require any student who enrolls in that course to be proficient with certain computer skills. For a complete description of CSP requirements, please refer to the "J. Mack Robinson College of Business" chapter of this catalog (see section 7000).

Corequisites

A corequisite identifies another course or courses that should be taken concurrently with the listed course. A student who enrolls in a listed course with corequisites must also enroll in those corequisite courses. A student who has previously completed a corequisite course may not need to repeat it; he or she should consult with an academic adviser before registering to determine specific requirements.

Course Credit Hours
The total semester hours of credit for each course are shown in parentheses immediately following the course title.

Prerequisites
A prerequisite identifies a course or other requirements that a student must have completed successfully before enrolling in the listed course. Any student who has not met prerequisites for a course may be administratively withdrawn from that course at the discretion of the instructor. It is the policy of some university departments to withdraw automatically any student who enrolls in a course without first meeting its prerequisites.

ACCT 2101 Principles of Accounting I

CREDIT HOURS 3.0

REQUIREMENTS CSP: 1, 2, 7

DESCRIPTION Principles of Accounting I is an introduction to the principles of financial accounting. The course focuses on analyzing business transactions to chart their effects on the results of operations, the cash flows, and the financial position of businesses organized for profit. Emphasis is placed on using financial information from a decision-making perspective to optimize the outcomes of business decisions. Topics include recording, reporting, and analyzing assets, liabilities, stockholders equity, revenues, and expenses.

ACCT 2102 Principles of Accounting II

CREDIT HOURS 3.0

REQUIREMENTS CSP: 1, 2, 7

DESCRIPTION Prerequsite: ACCT 2101. Principles of Accounting II is an introduction to the principles of managerial accounting. Emphasis is given to the development and use of accounting information to support managerial decision-making in manufacturing, service, and merchandising operations. Topics include managerial concepts and systems, analyses for decision making, and planning and control.

ACCT 4111 Intermediate Accounting I

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, ACCT 2102 and BCOM 3950 with grade of B or higher

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 6

DESCRIPTION Students will learn the environmental and theoretical structure of financial accounting, the accounting process, and preparation of an income statement, balance sheet and statement of cash flows. Students will also learn to measure income, do profitability analysis, apply time value of money concepts to financial accounting measurements, account for cash, receivables and inventories, and learn to research financial accounting issues using the FASB Codification Database.

ACCT 4112 Intermediate Accounting II

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102 with grade of B or higher and ACCT 4111, and MGS 3100 with grade of C- or higher

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 6

DESCRIPTION Students will learn how to account for the economic resources and liabilities of an enterprise. Topics studied will include operational assets, investments, current liabilities, bonds, and leases. Students will also learn rudimentary financial statement analysis pertaining to these topics, analyze real world cases and learn to research financial accounting issues using the FASB Codification Database.

ACCT 4113 Intermediate Accounting III

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102 with grade of B or higher, and ACCT 4111, and ACCT 4112 with grade of C- or higher

DESCRIPTION Students will study accounting for income taxes, pensions, shareholders equity, share-based compensation, accounting changes, error corrections, and derivatives. Students will also learn the computation of earnings per share and the preparation of a complex statement of cash flows. Students will also learn rudimentary financial statement analysis, analyze real world cases pertaining to these topics and learn to research financial accounting issues using the FASB Codification Database.

ACCT 4210 Cost Managerial Accounting

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101 and ACCT 2102 with grade of B or higher for AC and non-FIN majors or FI 4000 for fin majors or prerequisite above

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 4, 6, 7

DESCRIPTION Students study the information needed by managers to plan, monitor, and improve their critical processes, products, and services. This course stresses the application of infor- mation technologies to tasks such as measuring costs to produce, market, and deliver products and services; plann- ing via flexible budgets and cost-volume-profit analysis; implementing activity-based management systems; and measuring and performance. Students communicate implica- tions of their analyses to stakeholders using database, spreadsheet, and word processing skills.

ACCT 4310 Accounting Information Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 2010, and ACCT 4210 with grade of C- or higher

DESCRIPTION This course develops skills required by accountants users, managers, designers, and evaluators of information systems in e-business environments. The skills include choosing, extracting, and analyzing information to solve business problems, modeling technology-enabled business processes, developing information systems, and designing and evaluating internal control in e-business environments.

ACCT 4389 Directed Readings in Accounting

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES ACCT 2101, and ACCT 2102 with grade of B or higher, and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

ACCT 4390 Case Studies in Taxation

CREDIT HOURS 3.0

PREREQUISITES ACCT 4510 and 2.8 or higher GPA or consent of the instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION In this course students will use real world cases to identify tax accounting and tax planning issues in unique fact patterns, select and apply appropriate tax laws to unique fact patterns and make decisions requiring knowledge of the tax law and its effect.

ACCT 4391 Field Study in Accounting (May be repeated once)

CREDIT HOURS 3.0

PREREQUISITES ACCT 4112 with a 3.0 GPA or higher and enrolled as an under- graduate accounting major and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1 ,2, 4, 6, 7, 8

DESCRIPTION The field study is a supervised, employer-site learning experience. In this experience, students have the opportunity to apply accounting skills in a professional setting. Students must consult with the instructor or with the School of Accountancy's Undergraduate Program Coordinator before registering to determine whether their employment internship experiences will qualify for credit. This course may include a Signature Experience component.

ACCT 4510 Introduction to Federal Income Taxes

CREDIT HOURS 3.0

PREREQUISITES Must have senior standing or graduate status

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 6

DESCRIPTION This course introduces students to the federal tax concepts applicable to sole proprietorships, partnerships, corporations, estates, and trusts. Emphasis is placed on differences between tax and financial accounting concepts. In addition, students are exposed to accounting periods and methods, deferred compensation, tax planning, ethical practices, and tax research.

ACCT 4610 Introduction to Assurance Services-CTW

CREDIT HOURS 3.0

PREREQUISITES ACCT 4113

DESCRIPTION This course satisfies critical thinking through writing requirements. This course develops students' knowledge of auditing, attest, and assurance services in traditional and e-business environments. Topics include the role of such services in society, evidence relevance and reliability, materiality, risk and control, information integrity, and methods of verification.

AS 4140 Mathematical Foundations of Actuarial Science

CREDIT HOURS 3.0

PREREQUISITES RMI 3750 or MATH 4751

DESCRIPTION This course covers 1) uni-variate probability distributions, including binomial, negative binomial, geometric, hypergeometric, Poisson, uniform, exponential, chi-square, beta, Pareto, lognormal, gamma, Weibull, and normal; 2) multivariate joint distributions, conditional and marginal distributions; 3) moments and moment generating function, 4) transform of variables, 5) order statistics, and 6) central limit theorem. The purpose of this course of reading is to develop knowledge of the fundamental probability tools for quantitatively assessing risk. The application of these tools to problems encountered in actuarial science is emphasized. A thorough command of probability topics and the supporting calculus is assumed.

AS 4230 Theory of Interest

CREDIT HOURS 3.0

PREREQUISITES MATH 2215

DESCRIPTION Topics include measurement of interest, accumulation and discount, forces of interest and discount, equations of value, annuities, perpetuities, amortization and sinking funds, yield rates, bonds and securities, depreciation, depletion, and capitalized costs.

AS 4260 Microeconomic Foundations of Actuarial Science

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 and concurrent registration in AS 4230

DESCRIPTION CSP: 1. This course covers the applications of interest theory and calculus to intermediate microeconomics in an actuarial context.

AS 4320 Introduction to Stochastic Actuarial Models

CREDIT HOURS 3.0

PREREQUISITES MATH 4751

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 2

DESCRIPTION This course covers the application of basic stochastic models in an actuarial setting. Topics include review of frequency-severity models, introduction to compound distri- butions, stochastic models, and simulation techniques.

AS 4340 Life Contingencies I

CREDIT HOURS 3.0

PREREQUISITES MATH 4751

COREQUISITES AS 4230

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 2

DESCRIPTION This course is an introduction to life contingencies as applied in actuarial practice. Topics include present value random variables for contingent annuities and insurance, their distributions and actuarial present values, equivalence principle, and other principles for determining premiums.

AS 4350 Life Contingencies II

CREDIT HOURS 3.0

PREREQUISITES AS 4340

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 2

DESCRIPTION This course is a continuation of the study of life contingencies. Topics include insurance and annuity reserves, characterization of discrete and continuous multiple decrement models in insurance and employee benefits, and multiple life models.

AS 4389 Directed Readings in Actuarial Science

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of instructor

DESCRIPTION

AS 4510 Derivative Valuation and Risk Management

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 and FI 4000 or permission of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 2, 5, 6, 7

DESCRIPTION This couse introduces quantitative methods for pricing financial derivatives, treating in detail the program of valuation by "no-arbitrage." Institutional features of derivative markets are covered along with theory and application. The discrete-time binomial pricing model is studied in depth. An introduction to the elements of stochastic calculus (Brownian Motion, and Ito's formula) then enables students to work with the mainstream continuous-time models of Black-Scholes-Merton and others. These methods are applied to price and hedge standard securities such as stock options, interest rate caps, swaps, swaptions, and commodity futures. Students will see application to insurance and actuarial science. The course will cover Society of Actuaries required reading.

AAS 1140 Introduction to African and African-American History and Culture

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 1140.) African history and culture, the coming of Africans to the Americas, and the development of African-American culture.

AAS 2010 Introduction to African-American Studies

CREDIT HOURS 3.0

DESCRIPTION Intellectual and social origins of African-American Studies. Key concepts, themes, and theories of the discipline.

AAS 3000 African-American Family

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 3162.) Contemporary theories and research of the African-American family.

AAS 3010 Narratives of Race, Gender and Sexuality: Quare Readings

CREDIT HOURS 3.0

DESCRIPTION Focuses on recognizing and employing various reading practices and themes of intersectionality within a number of literary narratives.

AAS 3050 Introduction to African-American Psychology

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, HIST 1140, or PSYC 1010

DESCRIPTION (Same as PSYC 3520.) Examination of theory and research pertaining to African-American psychology. Special emphasis on the Afrocentric perspective.

AAS 3070 African-Americans in the Criminal Justice System

CREDIT HOURS 3.0

DESCRIPTION An examination of the relationship between the African-American community and the criminal justice system.

AAS 3120 African Diaspora

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, HIST 1140, or ANTH 2020

DESCRIPTION Investigates the dispersal, growth, and influence of people of African descent throughout the world. A comparative analysis of historical, political, cultural, economic, and social development of the African diaspora. Global Perspectives Course.

AAS 3240 Peoples and Cultures of Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as ANTH 3240.) Origins, adaptations, and contemporary social, economic, political, and belief systems of the indigenous and mixed populations of Africa.

AAS 3450 History of African-Americans in Georgia

CREDIT HOURS 3.0

DESCRIPTION Examination of the political, economic, and social development of African-Americans in Georgia.

AAS 3500 Jazz History

CREDIT HOURS 3.0

DESCRIPTION (Same as MUS 3500.) Study of the development of jazz from its origins to current trends including stylistic periods such as New Orleans, swing, bop, cool, avant garde, and fusions. Emphasis on evolution of form, improvisational style, and influential artists.

AAS 3810 History of African-American Music

CREDIT HOURS 3.0

DESCRIPTION (Same as MUA 3810.) History and styles of African-American music.

AAS 3880 African-American Literature

CREDIT HOURS 3.0

DESCRIPTION (Same as ENGL 3950.) History and development of African-American literature, with emphasis on major writers.

AAS 3955 Language in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION (Same as ENGL 3955.) A sociolinguistic study of the characteristics that define and connote the varieties of African-American English: origins, currents of change, functions of language identity, styles, and modes of discourse.

AAS 3960 African-American Literature by Women

CREDIT HOURS 3.0

DESCRIPTION (Same as ENGL 3960 and WGSS 3960.) Survey of literature from the eighteenth century to the present. Includes such authors as Wilson, Wheatley, Larsen, Hurston, Dove, Hansberry, and Morrison.

AAS 3975 Concepts and Theories in African-American Studies

CREDIT HOURS 3.0

PREREQUISITES AAS 1140, AAS 2010, and AAS 3120 all with a minimum grade of C or instructor approval

DESCRIPTION Three lecture hours per week. Examination of the major concepts and theoretical orientations used in African-American Studies.

AAS 3980 Research Methods in African-American Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES AAS 2010

DESCRIPTION Qualitative and quantitative research techniques employed to generate knowledge in the interdisciplinary field of African-American Studies. Serves as one of the two Critical Thinking through Writing (CTW) courses required for all African-American Studies majors.

AAS 4000 Issues in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4310.) Examination of the impact of major societal issues on the African-American community.

AAS 4010 Service Learning in the African American Community

CREDIT HOURS 3.0

DESCRIPTION An experiential course where students develop civic responsibility and utilize their skills and talents to the service of community organizations with the specific goal of helping to empower them to address African American and broader community needs.

AAS 4030 African-American Male/Female Relationships

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4311.) Explores historical, social, psychological, and economic factors affecting African-American relationships. Issues include negative images and stereotypes, color, beauty and pornography, sex-gender and role identity, consumerism and narcissism, and employment.

AAS 4080 African-American Female Activism

CREDIT HOURS 3.0

DESCRIPTION Overview of African-American women's resistance to racial oppression and gender inequality.

AAS 4100 African-American Women in the United States

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4312.) Contemporary social issues of black women. Emphasis on the historical roots of current issues and the interrelationships of gender, race, and class.

AAS 4105 Race & Health

CREDIT HOURS 3.0

DESCRIPTION Critical exploration of the frameworks used to explain racial differences in health in the African-American community through the examination of contemporary health issues.

AAS 4110 Black Women & Health

CREDIT HOURS 3.0

DESCRIPTION Examines the intersections of race, gender, and health with a critical focus on the health experiences of women in Africa, the Caribbean, and the United States.

AAS 4120 African-American Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4560.) Examination and critical analysis of African-American political and social issues.

AAS 4125 Black Feminist Thought

CREDIT HOURS 3.0

PREREQUISITES AAS 2010

DESCRIPTION Explores the tradition of Black feminism in the nineteenth and twentieth centuries. Students will critically read, discuss, and respond in writing to a series of texts representing Black feminist thought and its relationship to other feminisms. Students will be expected to demonstrate their knowledge of the Black feminist tradition and their ability to query, compare, and extend Black feminist theories.

AAS 4160 African-American Politics

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION (Same as POLS 4165.) Analysis of the ideology, public opinions, and political behaviors of African Americans. African-American impact on the electoral system.

AAS 4180 Politics of the Civil Rights Movement

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4157.) Examinations of the underpinnings, leadership, political strategies, and outcomes of the modern civil rights movement.

AAS 4230 Religions of the African World

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4230.) An overview of religion from Africa to the Diaspora. African cosmology and religions among various African peoples such as the Yoruba and the Dogon of Mali. African origins of Western religions such as Judaism, Christianity, and Islam. Various religions among African peoples in the Diaspora such as Santeria, Voodooism, Rastafarianism, as well as Christianity, Black Judaism, and the Nation of Islam. Special attention to African survivals in religion in the Diaspora. The role of religion as a tool of liberation and community and economic development. Global Perspectives Course.

AAS 4250 African-American Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4250.) A survey of the development of African-American religion from colonial times to present, including an examination of both the theoretical arguments of religious elites and the spiritual experience of laypersons.

AAS 4280 African-American Anthropology

CREDIT HOURS 3.0

DESCRIPTION (Same as ANTH 4280.) Major writings in the field of African-American studies; theories, categories, and methods used in studying complex societies are brought to bear upon the literature; use of ethnographies to provide a comparative perspective for understanding African-American cultures.

AAS 4300 African Art

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4000.) Survey of the sculpture, architecture, textiles, body ornament, and performance arts of Africa in terms of form, meaning, and function within society. Objects reintegrated into cultural contexts are examined in light of "tradition" and social and political change.

AAS 4310 Art of Ancient Egypt and Nubia

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4010 and MES 4510.) Survey of the painting, sculpture, architecture, and minor arts in ancient Egypt and Nubia with reference to their chronological development and underlying historical, religious, and cultural meanings.

AAS 4320 African-American Art

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4620.) Aesthetic expressions of African-American artists from colonial times to present. Social, cultural, and creative history of Black America. Diverse contributions made by artists of African descent to the development of American culture. Artists, art movements, the relationship of art to politics, and the formation of racial/cultural identity.

AAS 4330 The Black Arts Movement

CREDIT HOURS 3.0

DESCRIPTION This course explores and examines the ideas, major artists and institutions, artistic practices, political context and enduring legacy of the most important multi-discipline artistic movement in African American history.

AAS 4350 Black Visual Representation

CREDIT HOURS 3.0

DESCRIPTION The Iconography of the African Diaspora. This course will use interdisciplinary methods to study racialized iconic figures, the production of their images, and their impact across the world.

AAS 4360 Studies of Black Dance

CREDIT HOURS 3.0

DESCRIPTION Examines the centrality of movement in the social, cultural, and spiritual practices of black populations across the world.

AAS 4530 Voices of African-American Feminists

CREDIT HOURS 3.0

DESCRIPTION (Same as SPCH 4530.) Overview of the rhetorical history of African-American female political and social activists.

AAS 4600 Enslavement and Resistance in North America

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4280.) Examines the character of the system of chattel slavery and racial oppression in Colonial America and in the United States and insurgent responses to it by the captive and free population of African descent in North America.

AAS 4620 Enslavement in the Americas

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4290.) Comparative examination of systems of captivity and forced labor in the western hemisphere and the social development and popular responses of captive Africans to these systems. Emphasis on the continuities of African culture and the unique adaptation of culture and social organization in each country. The nature of resistance and the process of eliminating the system of captivity in several nation-states. Global Perspectives Course.

AAS 4625 The Black Mecca and Black Popular Culture

CREDIT HOURS 3.0

PREREQUISITES Completion of AAS 1140 or AAS 2010 with a grade of C or better and completion of at least 48 undergraduate credit hours

DESCRIPTION This course focuses on the history, politics and culture within the Black New South, a subfield within the academic field of African American Studies. With an interdisciplinary approach the focus will be on the major issues involved in the study of the African American experience, both the objective issues being analyzed in the research literature and the subjective issues of how the world sees Atlanta, Georgia as the Black Mecca.

AAS 4640 African-American People

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4270.) Major topics and themes in African-American history, including slavery, development of American racism, urbanization, civil rights, and black contributions to American culture. Cities Perspectives Course.

AAS 4650 African-American Theatre

CREDIT HOURS 3.0

DESCRIPTION (Same as THEA 4090.) Examination of the history and contributions of African-Americans to the American theatre.

AAS 4660 African-American Women

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4260.) Examination of the varied history of African-American women. Centered in the tradition of race and gender protest; how women have generationally developed agendas and forums around social justice reform; exploration of themes, individuals, and collective action, revealing the impact of race, class, and gender on the lives of African-American women.

AAS 4670 Education of Blacks in the South

CREDIT HOURS 3.0

PREREQUISITES AAS 1140 and AAS 2010 with a C or better and completion of at least 48 undergraduate credit hours

DESCRIPTION This course is an upper level seminar that focuses on the history, politics and culture within Education of Black Folk in the American South. This an interdisciplinary investigation of the complexities of the African American experience in American culture that particularly explores important comparative questions about the American education system. In this course we will understand how Africans in America negotiated, disrupted, and transformed popular education.

AAS 4750 African-American Ethical and Legal Issues

CREDIT HOURS 3.0

PREREQUISITES at least one course in philosophy or consent of instructor

DESCRIPTION (Same as PHIL 4850.) Application of ethical and legal theory to selected issues, such as affirmative action, the legality of slavery, civil disobedience, punishment, and reparations.

AAS 4760 Eastern Africa and the Horn of Africa

CREDIT HOURS 4.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION (Same as HIST 4760.) Social, political, cultural, and economic history of the region from the origins of the human race to the present including ancient civilizations, Judaism, Christianity, and Islam; international trade, European colonialism, and independence.

AAS 4765 Central and Southern Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4750.) Social, political, cultural, and economic history of the region from the earliest times to the present, including indigenous African civilizations, European colonialism, African nationalism, and independence.

AAS 4770 Western Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4770.) Social, political, cultural, and economic history of Western Africa dealing with the early civilizations, the coming of Islam, European colonialism, and independence.

AAS 4772 Women in Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4772 and WGSS 4772.) An examination of African women's roles in domestic production, their relationship to the state, and the effect of social change on women from the pre-colonial period to the contemporary era.

AAS 4774 African Rebellions

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4774.) An examination of African resistance in the colonial and post-colonial contexts.

AAS 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery

CREDIT HOURS 4.0

DESCRIPTION This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa.

AAS 4780 African-American Lesbian and Gay Activism

CREDIT HOURS 3.0

PREREQUISITES AAS 2010

DESCRIPTION Examines the speeches, writings, and other public communication of African-American lesbians and gay men who promote democratic ideals. Surveys historical and contemporary issues confronting this marginalized population. Emphasis on thematic and cultural critical approaches.

AAS 4890 Caribbean Literature

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION (Same as ENGL 3970.) Survey of twentieth-century literature of the English- speaking or Commonwealth Caribbean.

AAS 4900 African-Americans in Film

CREDIT HOURS 4.0

DESCRIPTION (Same as FILM 4760.) Mainstream Hollywood representation of African-Americans and the alternative film portrayals by African-American producers.

AAS 4940 African-American Achievement

CREDIT HOURS 3.0

DESCRIPTION Prerequiste: Completion of AAS 1140 or AAS 2010 with a grade of C or higher and completion of at least 48 undergraduate credit hours. Examination of the various contexts of African-American academic performance.

AAS 4950 African-American Popular Culture

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4590.) Intellectual debates over the definitions and diversities of everyday African-American cultural production.

AAS 4960 African-American Masculinity

CREDIT HOURS 3.0

PREREQUISITES Completion of AAS 1140 or AAS 2010 with a grade of C or better and completion of at least 48 undergraduate credit hours

DESCRIPTION Critical engagement of the historical context, social construction and current realities of African-American masculinity. Specific topical areas include gender relations with the African-American community, African-Amercan male sexuality, and meda representations of Afrcan-American masculinity.

AAS 4970 Topics in African-American Studies

CREDIT HOURS 3.0

PREREQUISITES AAS 2010, AAS 1140, or HIST 1140

DESCRIPTION Intensive treatment of selected topics in African-American studies. May be repeated for 12 credit hours.

AAS 4980 Seminar and Practicum in African-American Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES AAS 3975 and AAS 3980 both with a minimum grade of C

DESCRIPTION Integration and application of discipline knowledge in a field setting with nonprofit community organization. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all African-American Studies majors. This course may include a Signature Experience component.

AAS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

ANTH 1102 Introduction to Anthropology

CREDIT HOURS 3.0

DESCRIPTION A holistic and comparative study of the human condition through a survey of the five subfields of general anthropology: sociocultural, archeological, biological, linguistic, and applied anthropology; with emphasis on evolution, adaptation, language, and cognition.

ANTH 2010 Introduction to Biological Anthropology

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours and one laboratory hour a week. Origin, evolution, and present diversity of the human species from the perspective of contemporary studies in anthropology, evolution, human genetics, and human paleontology.

ANTH 2020 Introduction to Cultural Anthropology

CREDIT HOURS 3.0

DESCRIPTION Theories, methods, and basic issues in contemporary cultural anthropology, stressing comparison and interpretation of contemporary social problems in western and non-western societies. A major emphasis on applying anthropological concepts to the analysis of the contemporary United States, including issues of ethnic diversity, social conflict, and cultural politics.

ANTH 2030 Archaeology and Prehistory

CREDIT HOURS 3.0

DESCRIPTION Brief overview of archaeological methods and concepts followed by an examination of major cultural developments including the geographical spread of humans and the emergence of agriculture and complex societies. Implications for understanding contemporary humanity are included.

ANTH 2040 Introduction to Linguistic Anthropology

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION Summary of course activities/topics: Linguistic anthropology is broadly understood as the study of language as a part of culture. This course shows how language constitutes social action. Language is much more than a transparent medium for communicating ideas. Rather, the way we speak can have profound implications in terms of community membership, social exclusion, economic opportunity, identity, the way we view and understand the world. This course will cover the complexity of human languages and the significance of linguistic and cultural difference.

ANTH 3033 The Anthropology of Violence-CTW

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010, ANTH 2020, or ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Drawing on three subfields of anthropology (biological anthropology, archaeology, and sociocultural anthropology), this course takes a holistic approach to the study of violence. The course fosters critical thinking through writing, and it promotes the understanding of how scholarly-scientific and popular interpretations of violence are rooted in the ideological paradigms of their time. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all anthropology majors.

ANTH 3100 Sex, Culture, and Sexuality

CREDIT HOURS 3.0

DESCRIPTION This course takes a comparative, cross-cultural approach to understanding sex and sexuality/sexualities in anthropological and historical perspective. This will include an examination of beliefs about sex, sexuality, and the body; the interaction of culture and biology in the shaping of sexual identity; the many roles of sex in both nonhuman and human primate societies; evidence of sexual attitudes and practices based on the material culture of past societies; and the variety of sexual practices and their meanings around the world in contemporary society.

ANTH 3120 African Diaspora

CREDIT HOURS 3.0

PREREQUISITES AAS 1140, AAS 2010, HIST 1140, or ANTH 2020 with grade of C or higher

DESCRIPTION (Same as AAS 3120.) Investigates the dispersal, growth, and influence of people of African descent throughout the world. A comparative analysis of historical, political, cultural, economic, and social developments of the African diaspora.

ANTH 4020 Anthropological Theory

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Historical treatment of the major theoretical trends in anthropology.

ANTH 4040 Race, Class, and Gender in Global Perspective

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Exploration of the various ways that perceptions and designations of race, class, and gender intersect with each other and shape the human experience. This includes an analysis how categories of class, ethnicity, and gender affect daily life for people in multiethnic, stratified societies, particularly in terms of how inequities of access to wealth, power, and resources have emerged on global and local levels. Structural violence is an important theme of many of the readings in the class. The idea of race as a social construct rather than a biological phenomenon is another key topic. We will examine how gender identity and gender roles are shaped by culture. Globalization and immigration, and their relationship to gender, race, and class, are foci of the latter part of the course.

ANTH 4060 Environmental Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102, ANTH 2010, ANTH 2020, or ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION During this course we will examine how humans interact with and are influenced by environmental resources, as well as how our actions impact natural resources and ecological systems. Human populations and cultural groups are therefore (re)situated in nature. To explore environmental anthropology as a subfield, the course is structured as a survey of the discipline, examining topics such as historical ecology, population ecology, cultural constructions of "nature," the anthropology of environmentalism, political ecology, and global environmental issues. Global Perspectives Course.

ANTH 4070 Ethnobotany is the study of the use of plants by humans

CREDIT HOURS 3.0

DESCRIPTION This course provides an overview of the field of ethnobotany and its methods. Students will explore how ethnobotanists collect, analyze, and interpret data and will learn some of the applications of ethnobotany outside of an academic setting.

ANTH 4080 Consumption and Material Culture

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher

DESCRIPTION This course examines anthropological approaches to material culture and consumption: the practices, relations, and rituals through which things (from food and clothing to shell valuables or money) become meaningful and are used in the organization of social life. Readings include classic works of anthropology and social theory as well as recent ethnographies of western capitalist, colonial/postcolonial and postsocialist settings. Global Perspectives Course.

ANTH 4111 Anthropology of Self and Emotion

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION This course draws upon readings in anthropological theory and ethnography to consider the cultural construction of selfhood, identity, and feelings, with an emphasis on the historical specificity of particular experiences, how they may be influenced by factors such as capitalism, how they may change over time, and the significance of gender.

ANTH 4112 Modernity and Identity

CREDIT HOURS 4.0

DESCRIPTION Representations of modernity in postcolonial and metropolitan nation-states. National identities and their articulations with gender, class, and race. Global Perspectives Course.

ANTH 4140 European Prehistory

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION This course is a survey of the prehistory of Europe from the Paleolithic period until the Roman conquest. Because of the temporal and geographic variability of Europe this survey is selective, focusing on major transitions and themes (e.g., subsistence adaptations, island settlement, trade, technology, the emergence of social complexity, early states, and so forth) and using specific examples (case studies) of regions or sites to highlight them.

ANTH 4170 Mesoamerican Archaeology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 with grade C or higher, or consent of instructor

DESCRIPTION This course highlights some of the major cultural achievements of Mesoamerican peoples. The class begins with the peopling of the New World over 10,000 years ago and proceeds to cover the origins of agriculture and the development of complex societies from the Olmec to the Aztec. The course draws from the rich iconographic, epigraphic, and archaeological data of the region to explore concepts and specific sites up until the time of Spanish Contact, A.D. 1521.

ANTH 4180 Archaeology of Southeastern United States

CREDIT HOURS 4.0

PREREQUISITES ANTH 2030 with grade of C or higher or consent of instructor

DESCRIPTION The appearance of the earliest inhabitants of the Southeast, the development of complex societies, the effects of Europeans on indigenous culture, and the archaeology of the historic period. Students will be required to participate in three field trips.

ANTH 4190 Archaeological Practice and the Public

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 with a grade of C or higher, or consent of instructor

DESCRIPTION This course on Public Archaeology covers a great number of fields where professional archaeologists work with public interests, upholding legislation designed to conserve ancient sites and artifacts, managing museum collections, presenting the past to the public, working with developers to reduce the impact of building and construction projects on the remains of the past. At the same time Public Archaeology covers the general public's interest in the archaeological past: from fakes and illicit trade of antiquities to Indiana Jones, to the search for Atlantis.

ANTH 4200 Urban Anthropology

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Urban space and social stratification; theories of space, place, and identity; the city in the social imaginary. Cities Perspectives Course.

ANTH 4210 The Anthropology of Europe

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 or consent of instructor

DESCRIPTION Cross-listed courses: ANTH 6210. This course exposes students to ethnographic research among peoples of Europe, with a focus on Mediterranean Europe, particularly Portugal, Italy, Greece, and Spain (PIGS) as member states of the European Union (EU), and as nations in crisis.

ANTH 4240 Food: History, Ecology, and Political Economy

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 or ANTH 2010 with a grade of C or higher, or instructor's consent

DESCRIPTION Explores the cultural histories of foods or types of food that have had major impacts on global political economy, ecology, and culture from the 14th century to present day.

ANTH 4280 African-American Anthropology

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4280.) Major writings in the field of African-American studies; theories, categories, and methods used in studying complex societies are brought to bear upon the literature; use of ethnographies to provide a comparative perspective for understanding African-American cultures.

ANTH 4300 Human Evolution

CREDIT HOURS 3.0

DESCRIPTION Principles and mechanisms of hominid evolution.

ANTH 4310 Human Variation

CREDIT HOURS 4.0

PREREQUISITES ANTH 1102 or ANTH 2010 with grade of C or higher, or consent of instructor

DESCRIPTION Variation within and between human populations: morphology, gene frequencies, and behavior. Biological concepts of race, race classification, and evolutionary processes acting on humans in the past, present, and future. Global Perspectives Course.

ANTH 4330 Primate Behavioral Ecology

CREDIT HOURS 3.0

DESCRIPTION Examination of the diversity of free-ranging primates in their natural habitats. Ecological factors affecting diet, locomotor repertoires, body size, and the evolution of social behavior will be emphasized.

ANTH 4340 Applied Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102 or ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION This course examines historical, contemporary, and interdisciplinary perspectives of applied anthropology: a way of life and work informed by scientific and scholarly knowledge, expressed as socially responsible conduct, and defined by ethical principles and strategies of social reform. We will explore, evaluate, and critique (1) anthropologists' claims of a "new anthropology" concerned with the study of humanity at the service of humanity; (2) epistemological, theoretical, and methodological frameworks of applied anthropology across the sub-disciplines of archaeology, biological anthropology, sociocultural anthropology, and linguistics; and (3) empirical case studies of policy and practice.

ANTH 4360 Methods and Theories in Biological Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010 with grade of C or higher, or consent of instructor

DESCRIPTION A survey of theories in skeletal biology, bioarchaeology, paleoanthropology, biomedical anthropology, population genetics, and contemporary human biological adaptation. Bioanthropological methods for testing hypotheses and creating explanatory models.

ANTH 4370 Forensic Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010 with grade of C or higher, or consent of instructor

DESCRIPTION Laboratory-based identification of skeletal remains of unknown individuals with an emphasis on determining age, sex, evidence of trauma, and cause of death. Crime scene recovery, documentation of evidence, the criminal justice system, and human rights initiatives will be explored.

ANTH 4390 Diet, Demography, and Disease

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102, ANTH 2010, or ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Overview of human/disease interactions from prehistoric to contemporary populations. Emphasis on major social transformation, such as sedentism, animal and plant domestication, urbanism, and globalism. Global Perspectives Course.

ANTH 4420 Gender and Power in Ethnographic Perspective

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Ethnographic and theoretical examination of the role of gender in human societies, including role differences and inequalities between women and men cross-culturally; the cultural significance and social institutions associated with public and domestic spheres; power, ideology, and the production of historically specific gender identities and sexualities; global perspectives on feminism and approaches to women's empowerment. Global Perspectives Course.

ANTH 4430 Anthropology and Public Health

CREDIT HOURS 3.0

PREREQUISITES ANTH 1102 or ANTH 2020 with grade of C or higher

DESCRIPTION The history of public health and role of anthropology and other social sciences in the modern public health setting. Overview of current issues in international and domestic public health.

ANTH 4440 Epidemiology and Anthropology

CREDIT HOURS 4.0

PREREQUISITES ANTH 1102 or ANTH 2020 with grade of C or higher

DESCRIPTION Basic principles of epidemiology, including outbreak investigation, disease control, and analytic epidemiology. Overview of the work of anthropologists in interdisciplinary public health settings.

ANTH 4460 Health and Culture

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Interrelationship of health care delivery systems within the context of the culture and structure of societies; impact of health planning and policy on subcultural groups. Importance of epidemiology, nutrition, transcultural nursing, and mental health in a holistic view of health.

ANTH 4470 Visual Culture

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Study of the visual politics of social organization with emphasis on the images and the arenas of everyday life in North American culture. Includes explorations of the fashion system, the medical body, the cosmetic and fitness industry, visual colonialism, museum displays, and high and popular art.

ANTH 4480 Ethnographic Analysis

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION Critical survey of current ethnographic theories and analysis of classic ethnographies. Includes a workshop during which students will improve their ethnographic writing skills. Students will also participate in WebCT discussion forums.

ANTH 4490 The Anthropology of Globalization

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher

DESCRIPTION This course critically analyzes the concept of globalization by examining the various components that are often invoked in defining/discussing the concept and the current world structure. We will explicitly examine the anthropological components of globalization and determine the manner in which it shapes culture, constructions of identity, restrictions of the body, distributions of economic and natural resources, intercultural contact, and patterns of global inequality. Global Perspectives Course.

ANTH 4520 Anthropology of Public Culture

CREDIT HOURS 4.0

PREREQUISITES ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION The circulation of commodities, ideas, and practices that produce the condition of being public (and in public) as well as the notion and experience of privacy. Analyzes the production and usage of public and private space (e.g. plazas, malls, homes), museum displays, the social life of commodities (e.g. fashion, antiquities, collectibles), and the role of theatricality in everyday life.

ANTH 4530 The Archaeology of Ancient Cities

CREDIT HOURS 3.0

PREREQUISITES ANTH 2030 (C as minimum) grade or professor's approval cross-listed (graduate section: ANTH 6530)

DESCRIPTION Target Student Groups: Anthropology Majors and Graduate Students. This course provides an archaeological perspective to help us better understand the historical trajectory of cities cross-culturally. Through critical evaluation of archaeological research on ancient cities, students will come to understand the dramatic impact of cities on human populations across the globe.

ANTH 4550 Field School in Anthropology

CREDIT HOURS 4.0 TO 8.0

PREREQUISITES consent of instructor

DESCRIPTION Anthropological field methods. Students will develop skills in ethnographic, archaeological, and biological methods through field projects. Emphasis will be on providing a holistic interpretation of conditions at the field location. This course may include a Signature Experience component.

ANTH 4560 Advanced Field School in Anthropology

CREDIT HOURS 4.0 TO 8.0

PREREQUISITES ANTH 4550 with grade of B or higher, or consent of instructor

DESCRIPTION Advanced anthropological field methods. Students expand upon the ethnographic, archaeological, linguistic, and/or biological methods learned in ANTH 4550 through supervised development and completion of their own professional research project. This course may include a Signature Experience component.

ANTH 4590 Archaeological Methods

CREDIT HOURS 4.0

PREREQUISITES ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Data recovery techniques, analytic methods, and theoretical concepts. Experience with archaeological materials.

ANTH 4600 Archaeological Theory

CREDIT HOURS 4.0

PREREQUISITES ANTH 2030 with grade of C or higher, or consent of instructor

DESCRIPTION Review of the history of theory in anthropological archaeology, followed by a comprehensive overview of the state of contemporary theory and new theoretical directions in the discipline.

ANTH 4670 Research Methods in Sociocultural Anthropology

CREDIT HOURS 3.0

PREREQUISITES ANTH 2020 with grade of C or higher

DESCRIPTION Examines various research approaches that constitute sociocultural anthropology. This course dissolves the divisions between qualitative and quantitative research to form an inclusive research methodology. Topics covered include qualitative and quantitative approaches, history of research methodology, defining a population, coding, modeling, social impact analysis, and linguistic and cognitive research.

ANTH 4830 Anthropology Internship

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES approval of sponsoring faculty advisor and department chair

DESCRIPTION Academic training and professional experience through short-term internships at public or private agencies. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

ANTH 4850 GSU Exchange and Non-GSU Study Abroad

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES Permission of faculty member in the Department of Anthropology at GSU

DESCRIPTION This course provides students with an opportunity to receive Anthropology credit hours in a study abroad program or field school, including GSU exchange programs (but not GSU faculty-led study abroad programs) and non-GSU programs. Students may receive credit for programs that involve travel to a society overseas that exposes them to anthropological perspectives and methods of studying and interpreting different ways or life and that provides them with experience in anthropological methods. This course may include a Signature Experience component.

ANTH 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Reading or research preparatory to honors thesis or project. This course may include a Signature Experience component.

ANTH 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES ANTH 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

ANTH 4970 Senior Seminar in Anthropology-CTW

CREDIT HOURS 3.0

PREREQUISITES 75 hours; ANTH 4020 or ANTH 4600 with grade of C or higher

DESCRIPTION Integration of theories and methods learned during study for the B.A. in anthropology; specific emphasis placed on how theory and method relate to modern anthropology. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all anthropology majors.

ANTH 4980 Selected Topics-CTW

CREDIT HOURS 3.0

PREREQUISITES ANTH 2010, ANTH 2020, or ANTH 2030 with grade of C or higher, or instructor's consent

DESCRIPTION May be repeated for credit if topic varies; a maximum of six credit hours may be applied toward the major. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all anthropology majors.

ANTH 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

AL APPLIED LINGUISTICS

AL 2021 Introduction to English Linguistics

CREDIT HOURS 3.0

DESCRIPTION A brief survey of major topics in the linguistics of English, including word, sentence and text structure, the history of English, and variation in English usage.

AL 2101 Introduction to Language

CREDIT HOURS 3.0

DESCRIPTION (Same as FORL 2101.) Non-technical introduction to issues pertaining to language and languages, including language structure, first and second language acquisition, language variation (regional and social), and language change.

AL 2102 Languages of the World

CREDIT HOURS 3.0

DESCRIPTION (Same as FORL 2102.) Survey of the world's languages and an introduction to the variety of linguistic phenomena found in different languages.

AL 2231 Understanding Miscommunication

CREDIT HOURS 3.0

DESCRIPTION Introductory, non-technical investigation of miscommunication, including its causes and how it can and cannot be avoided; emphasis on linguistic and cultural factors that may lead to miscommunication.

AL 2290 Introductory Special Topics in Applied Linguistics

CREDIT HOURS 3.0

DESCRIPTION This course provides an exploration at an introductory level of a specific topic in applied linguistics that is not currently included in the curriculum. May be repeated if topic differs.

AL 3021 Introduction to Linguistics

CREDIT HOURS 3.0

PREREQUISITES AL 2021 with a grade of C or better, or a suitable score on the departmental placement test

DESCRIPTION An introduction to the major areas of linguistics: phonetics, phonology, morphology, syntax, and semantics.

AL 3031 Language in Society-CTW

CREDIT HOURS 3.0

PREREQUISITES Completion of 60 hours of credit, and AL 2021, AL 2101/FORL 2101, or AL 3021/FORL 3021 with grade of C or higher, or departmental consent

DESCRIPTION Introduction to sociolinguistics, focusing on the ways in which language serves the needs of the individual and society. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all applied linguistics majors.

AL 3041 Introduction to Second Language Acquisition

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 3041.) Introduction to processes of acquiring a second (foreign or additional) language. Compares the experiences of young children, adolescents, and adult-age language learners. Global Perspectives Course.

AL 3051 Teaching English as a Foreign Language I: Methods and Approaches

CREDIT HOURS 3.0

COREQUISITES AL 3021 must be taken before or concurrently with this course

DESCRIPTION This is the first course in a two course sequence designed to prepare individuals who plan on living abroad to serve as competent teachers of English as a foreign language (EFL). It features attention to adaptation to a new culture, historical and contemporary developments in English language teaching, and techniques for teaching listening, speaking, reading, writing, vocabulary & grammar. Global Perspectives Course.

AL 3101 English Grammar in Use

CREDIT HOURS 3.0

DESCRIPTION AL 2021 with a grade of C or better, or a suitable score on the departmental placement test. Study of English grammar as it is used in different contexts. Especially recommended for students who expect to teach English to adult speakers of other languages.

AL 4011 Phonetics and Phonology

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4011.) Description and classification of the sounds of human language; patterns of their occurrence and rules governing their use in various languages; emphasis on phonology in a generative framework.

AL 4012 Morphology and Syntax

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4012.) Introduction to the basic concepts of syntax, including word classes, constituents, case systems, word order, and grammatical relations. Emphasis on comparison of syntax of a wide variety of languages.

AL 4111 Semantics and Pragmatics in Linguistic Theory

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4111.) Broad range of topics in semantics, the study of how language communicates meaning, and in pragmatics, the study of how language is used to accomplish a speaker's intention.

AL 4121 Historical Linguistics

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4121.) Comprehensive introduction to historical and comparative linguistics with a focus on causes and mechanisms of language change over time. Global Perspectives Course.

AL 4131 Bilingualism

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4131.) Comprehensive introduction to the phenomena, role, and function of bilingualism in the contemporary world with special emphasis on North America.

AL 4141 Special Topics in Language Studies

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as FORL 4141.) Topic varies according to instructor. May be repeated for a maximum of six semester hours.

AL 4151 Communication Across Cultures-CTW

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION This course focuses on learning about the communication of another cultural group to which you do not belong, and learning about effectively communicating with that group. Topics include investigating some of the relationships between language and culture and developing strategies for learning about another culture and communicating across cultures. Global Perspectives Course.

AL 4161 Teaching English as a Second Language II: Practicum and Classroom Practices

CREDIT HOURS 3.0

PREREQUISITES AL 3051 and AL 3021 or FORL 3021 with grades of C or higher, or equivalent

DESCRIPTION This is the second course in a two course sequence designed to prepare individuals who plan on living abroad to serve as competent teachers of English as a foreign language (EFL). Its purpose is to complement the relatively broadeR, and more theoretical, perspective of TEFL I by focusing on classroom practices (e.g., micro-teaching, classroom management, lesson planning) and building intercultural awareness and sensitivities. Global Perspectives Course.

AL 4241 Senior Seminar in Applied Linguistics-CTW

CREDIT HOURS 3.0

PREREQUISITES 12 hours of upper-division applied linguistics courses completed before registering

DESCRIPTION Overview of current issues and research methods in applied linguistics. Each student will complete an independent research project. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all applied linguistics majors.

AL 4980 Internship

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, Junior or Senior standing, and a declared Applied Linguistics major or minor

DESCRIPTION This course provides an opportunity to observe and interact with professionals engaged in day-to-day activities in a corporate or non-profit setting. Students will gain occupational skills through hands-on experience and apply linguistics theory, pedagogy, and/or analysis methods to relevant problems in written assignments. AL 3051 TEFL I and AL 4161 TEFL II are recommended before an internship that involves teaching English. May be repeated once to fulfill residency or total degree hour requirements, but not to fulfill major requirements. This course may include a Signature Experience component.

AL 4985 Internship Abroad

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, Junior or Senior standing, and a declared Applied Linguistics major or minor

DESCRIPTION In an international corporate or non-profit setting, students will gain occupational skills and apply linguistics theory, pedagogy, and/or analysis methods to relevant problems in written assignments. AL 3051 TEFL I and AL 4161 TEFL II are recommended before an internship that involves teaching English. May be repeated once to fulfill residency or total degree hour requirements, but not to fulfill major requirements. Internship hours must be completed abroad for this course.

AL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

AL 4999 Directed Readings

CREDIT HOURS 3.0

DESCRIPTION

ARBC 1001 Elementary Arabic I

CREDIT HOURS 4.0

DESCRIPTION Development of basic communication skills in the spoken language. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Arabic.

ARBC 1002 Elementary Arabic II

CREDIT HOURS 4.0

PREREQUISITES ARBC 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of the basic communication skills in the spoken language. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Arabic.

ARBC 1101 Intensive Elementary Arabic

CREDIT HOURS 8.0

DESCRIPTION Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. This is an intensive course and includes all material covered in ARBC 1001 and ARBC 1002. Not open to native speakers of Arabic. Summer semester only.

ARBC 2001 Intermediate Arabic I

CREDIT HOURS 4.0

PREREQUISITES ARBC 1002 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of communicative skills; further work with the writing system; reading of simple authentic texts; and intermediate grammatical structures.

ARBC 2002 Intermediate Arabic II

CREDIT HOURS 4.0

PREREQUISITES ARBC 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of communicative skills; further work with the writing system; reading of simple authentic texts; and intermediate grammatical structures.

ARBC 3001 Advanced Arabic I

CREDIT HOURS 4.0

PREREQUISITES ARBC 2002 with grade of C or higher, or equivalent

DESCRIPTION Advanced language study complemented by Arabic folk tales. Focus on advanced reading comprehension with additional practice in writing, speaking and listening.

ARBC 3002 Advanced Arabic II

CREDIT HOURS 4.0

PREREQUISITES ARBC 3001 with grade of C or higher, or equivalent

DESCRIPTION Continued advanced study, complemented by readings from authentic print media.

ARBC 3100 Spoken Arabic Dialect

CREDIT HOURS 4.0

DESCRIPTION This course introduces one of the spoken Arabic dialects used in everyday conversation. The specific dialect (Egyptian, Levantine, Moroccan) varies by semester and instructor.

ARBC 4501 Classical Arabic Literature and Culture – CTW

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to classical Arabic literature and culture from its beginnings in the fifth century to the thirteenth century C.E. The course includes selections from the Qur'an as well as texts and poetry representing different literary periods: Pre-Islamic, Early Islamic, Umayyad, Abbasid, and Hispano-Arabic. The course also addresses the scientific and technological developments of the period. All readings will be in English translation. No knowledge of Arabic is required. This is a Critical Thinking Through Writing (CTW) course.

ARBC 4502 Modern Arabic Literature in Translation – CTW

CREDIT HOURS 3.0

DESCRIPTION The goals of this class include introducing students to realist and experimental modern novels by Arab writers from different countries (including Egypt, Lebanon, Palestine, Saudi Arabia, and Sudan), familiarizing the students with the socio-historic background necessary for thinking and writing critically about the literature and cultures of the region, exploring some of the major recurrent themes in modern Arabic literature, and analyzing the rhetorical devices and literary techniques employed by the authors of these novels. All readings are in English translation. No knowledge of Arabic is required. This is a Critical Thinking Through Writing (CTW) course.

ARBC 4503 The Quran as Literature

CREDIT HOURS 3.0

DESCRIPTION This course deals with the Quran, the Muslim Holy Book, as a literary text. It introduces the students to the Islamic faith, then focuses on the historical, textual, structural, stylistic, formal, thematic and narrative aspects of the Muslim Scripture. All assigned readings will be in English including a translation of the Quran. No knowledge of Arabic required.

ARBC 4510 Arabic Study Abroad

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Consent of instructor

DESCRIPTION Provides Arabic instruction within an immersion environment in host country. Location of study abroad may vary. This course may include a Signature Experience component.

ARBC 4890 Independent Study in Arabic

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Advanced reading course in Arabic tailored to subject interests of students.

ARBC 4999 Directed Readings

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES consent of instructor

DESCRIPTION Advanced reading course tailored to subject interests of students.

ART 1010 Drawing I

CREDIT HOURS 3.0

DESCRIPTION Introduction to the techniques, materials, and principles of drawing.

FEES $20.00

ART 1020 Two-Dimensional Design

CREDIT HOURS 3.0

DESCRIPTION The fundamentals of two-dimensional design introduced through projects in a variety of media.

ART 1030 Three-Dimensional Design

CREDIT HOURS 3.0

DESCRIPTION The fundamentals of three-dimensional design introduced through projects in a variety of media.

ART 1050 Introductory Studio

CREDIT HOURS 3.0

DESCRIPTION This course is designed to be an introduction to the practices, processes and ideas of a creative artist.

FEES $20.00

ART 2900 Art 2900 Selected Topics in Studio

CREDIT HOURS 3.0

PREREQUISITES Two of the following: Art 1010, 1020, 1030, 1050 with grades of C or higher or consent of the instructor.

DESCRIPTION This lower level studio course can be taken as elective credit for art majors and non-art majors. Students taking ART 2900 should be enrolled in a study abroad program sponsored by the Ernest G. Welch School of Art and Design at Georgia State University and should have taken at least two studio foundations courses in order to be prepared for the studio work involved in this class. Students who do not have the listed prerequisites must have consent of the instructor to enroll.

ART 3400 Space, Scale, Time: Digital Possibilities

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor or BFA studio major status required (AB Studio major ineligible)

DESCRIPTION Fine arts studio introduction to electronic/digital media.

FEES $20.00

ART 3690 Honors Readings

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

ART 3910 Critical Issues in Contemporary Art-CTW

CREDIT HOURS 3.0

PREREQUISITES 18 credit hours in art

DESCRIPTION Interdisciplinary course examining changes over the past fifty years, both in art and society, and how these changes have influenced contemporary art and professional art practice. Emphasis on theoretical and critical thinking. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Art majors.

ART 4500 Directed Study-CTW

CREDIT HOURS 3.0

PREREQUISITES ART 3910 and two courses from the Studio Concentration (3000/4000 level, select from one discipline previously studied)

DESCRIPTION This studio course is the capstone course for BA in Studio Art and is designed for students to explore a self-defined project in depth over the course of one semester. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Art majors. This course may include a Signature Experience component.

ART 4850 Visiting Artist Seminar

CREDIT HOURS 3.0

PREREQUISITES BFA status, or permission of area coordinator

DESCRIPTION Specialized undergraduate course devoted to topics related to the Ernest G. Welch Visiting Artist. The Visiting Artist will be distinguished in his or her area of expertise and will teach on campus during his or her semester of residency.

ART 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

ART 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES ART 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

ART 4980 Special Problems

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES consent of instructor and School director

DESCRIPTION Independent studies initiated by the student.

ART 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

AE ART EDUCATION

AE 2300 Art and Music for Early Childhood

CREDIT HOURS 3.0

DESCRIPTION Not for art or music majors. Art and music content and teaching methods with an emphasis on integration into general classroom settings.

FEES $40.00

AE 4000 Selected Topics in Art Education

CREDIT HOURS 3.0

DESCRIPTION Special topics for art education students. May be repeated for a maximum of six hours.

AE 4200 Art for Preschool through Fifth Grade

CREDIT HOURS 3.0

PREREQUISITES ART 1020, ART 1030, ART 1050, and two 1000-level art history courses with grades of C or higher, 2.5 institutional GPA and 3.0 GPA in art and art history courses

DESCRIPTION Curriculum materials and practicum. Lecture and laboratory. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art education majors.

FEES $40.00

AE 4300 Art for Middle and Secondary Schools

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher and admission to the art education major, 2.5 institutional GPA, 3.0 GPA in art and art history courses, passing scores on GACE Basic Skills test, and successful portfolio review

DESCRIPTION Curriculum materials, methods assessment and observations. Lecture and laboratory.

FEES $40.00

AE 4400 Media, Technology, and Visual Presentation

CREDIT HOURS 3.0

PREREQUISITES AE 4200 with grade of B or higher and admission to the art education major (2.5 institutional GPA, 3.0 GPA in art and art history courses, passing scores on the GACE Basic Skills test, and successful portfolio review)

DESCRIPTION Computer-based educational and artistic media, visual presentation, and use of technology in the art classroom. Lab Fee $40.00.

AE 4600 Art Education Practicum

CREDIT HOURS 4.0

PREREQUISITES AE 4200, completed with B- or better; 2.5 overall GPA with 3.0 GPA in art courses; passed GACE test or equivalent

DESCRIPTION Cross-listed with AE 6600. 16 hours per week of observations in the school setting with bi-weekly seminars (240 hours of observation per semester). This course is intended for undergraduate certification Art Education majors. This course may include a Signature Experience component.

AE 4750 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Must be taken concurrently with AE 4760, AE 4770, and AE 4780. Observing, teaching, coordinating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4760 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Must be taken concurrently with AE 4750, AE 4770, and AE 4780. Observing, teaching, evaluating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4770 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Must be taken concurrently with AE 4750, AE 4760, and AE 4780. Observing, teaching, coordinating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4780 (TE) Student Teaching in Art

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Must be taken concurrently with AE 4750, AE 4760, and AE 4770. Observing, teaching, coordinating, and directing art experiences under the guidance of a supervising teacher. This course may include a Signature Experience component.

FEES $125.00

AE 4785 (TE) Internship I

CREDIT HOURS 3.0

PREREQUISITES Praxis I or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses, successful completion of AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4786, Internship I Seminar

DESCRIPTION Full-time internship in an elementary, middle or high school setting. Students will be supervised on site by Georgia State University faculty. Responsibilities include lesson planning, curriculum development, and classroom management. This course may include a Signature Experience component.

AE 4786 (TE) Internship I Seminar

CREDIT HOURS 3.0

PREREQUISITES Praxis I or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses, successful completion of AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4785, Internship I

DESCRIPTION Seminar designed to support and extend the Internship I through reading, reflective response, creative projects, teaching portfolio and seminar discussion. This course may include a Signature Experience component.

AE 4795 (TE) Internship II

CREDIT HOURS 3.0

PREREQUISITES Praxis I or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses, successful completion of AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4796, Internship II Seminar

DESCRIPTION Full-time internship in an elementary, middle or high school setting. Responsibilities will include self-assessment of teaching performance, creating instructional resources, and integrating art into the larger curriculum. This course may include a Signature Experience component.

AE 4796 (TE) Internship II Seminar

CREDIT HOURS 3.0

PREREQUISITES Praxis I or equivalent, 2.5 institutional GPA, 3.0 GPA in all art and art history courses, successful completion of AE 4200 with grade of B or higher, or concurrently with consent of instructor, concurrent enrollment in AE 4795, Internship II

DESCRIPTION Seminar designed to support and extend AE 4795, Internship II. Responsibilities will include reading, creating instruction resources, teaching portfolio and integrating art into the larger curriculum. This course may include a Signature Experience component.

AE 4850 Visiting Scholar Seminar

CREDIT HOURS 3.0

PREREQUISITES BFA Art Ed status, or permission of area coordinator

DESCRIPTION Specialized undergraduate course devoted to topics related to the Ernest G. Welch Visiting Scholar. The Visiting Scholar will be distinguished in his or her area of expertise and will teach on campus during his or her semester of residency.

AE 4900 Art Theory and Criticism in Art Education

CREDIT HOURS 3.0

PREREQUISITES ART 1020, ART 1030, ART 1050, and two 1000-level art history courses with grades of C or higher, 2.5 institutional GPA, and 3.0 GPA in art and art history courses, concurrently or prior to AE 4200 only with consent of the instructor

DESCRIPTION Topics include art criticism, aesthetics, and multiculturalism and how issues from these areas may impact curriculum in art classrooms. Methods and practicum. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art education majors. Lab Fee $30.00. Global Perspectives Course.

AE 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES consent of instructor and school director

DESCRIPTION Course of study initiated by the student.

AH ART HISTORY

AH 1700 History of Western Art I: Prehistoric through Medieval Art

CREDIT HOURS 3.0

DESCRIPTION Art of the Western world from prehistory through the Middle Ages.

AH 1750 History of Western Art II: The Renaissance through Contemporary Art

CREDIT HOURS 3.0

DESCRIPTION Art of the Western world from the fourteenth century to the present.

AH 1850 Art of Africa, Oceania, and the Americas

CREDIT HOURS 3.0

DESCRIPTION Survey of the arts of the indigenous cultures of Africa, Oceania, and the Americas. Anthropological and multidisciplinary approach.

AH 2000 Survey of Art Since 1900

CREDIT HOURS 3.0

DESCRIPTION Not acceptable for credit for Art History majors. Overview of modern and contemporary art practices.

AH 3000 Introduction to Art Historical Methodology-CTW

CREDIT HOURS 3.0

PREREQUISITES AH 1700, AH 1750, and AH 1850 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction to art historical methodology and historiography. Examination of the primary contributors, concerns, controversies and assumptions of the discipline (AH majors are encouraged to take AH 3000 as the first course among their upper-division selections.). Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art history majors.

AH 4000 African Art

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4300.) Survey of the sculpture, architecture, textiles, body ornament, and performance arts of Africa in terms of form, meaning, and function within society. Objects reintegrated into cultural contexts and examined in light of "tradition" and social and political change. Global Perspectives Course.

AH 4010 Art of Ancient Egypt and Nubia

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4310 and MES 4510.) Survey of the painting, sculpture, architecture, and minor arts in ancient Egypt and Nubia with reference to their chronological development and underlying historical, religious, and cultural meanings. Global Perspectives Course.

AH 4011 Art and Architecture of Ancient Egypt I: 4000-1600 BC

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as MES 4511.) An examination of the art and architecture of ancient Egypt from the Predynastic Period to the Middle Kingdom with reference to stylistic development and historical, religious, and cultural contexts. Global Perspectives Course.

AH 4012 Art and Architecture of Ancient Egypt II: 1600-31 BC

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as MES 4512.) An examination of the art and architecture of ancient Egypt from the New Kingdom to the Ptolemaic Period with reference to stylistic development and historical, religious, and cultural contexts. Global Perspectives Course.

AH 4020 Art and Architecture of the Ancient Near East

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as MES 4520.) An investigation of art and society from the Neolithic period to Alexander the Great, using archaeological data and art historical methods to analyze ancient objects and monuments. Global Perspectives Course.

AH 4030 Contemporary African Art

CREDIT HOURS 3.0

DESCRIPTION Arts and artists of Africa during the colonial and post- colonial eras. Social, political, economic, and cultural frameworks explore shifting notions of tradition, authenticity, and identity as they relate to art, artists, and audiences. Global Perspectives Course.

AH 4110 Art and Architecture of Ancient Greece

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION Aegean and ancient Greek art from 3000-31 BC. Examination of archaeological methods, development of style, and the social, religious, and political contexts of artistic production. Global Perspectives Course.

AH 4120 Art and Architecture of Ancient Rome

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION Roman artistic traditions and building techniques from the time of the Etruscans through the fall of the Roman empire; examination of the Romans' cultural heritage and influences on socioeconomic and political structures to modern times. Global Perspectives Course.

AH 4200 Art and Architecture of the Middle Ages

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION Art and architecture of Europe and the Mediterranean basin from the Early Christian period to the Gothic, with special emphasis on the church arts of Italy, Byzantium, France, England, and Germany. Global Perspectives Course.

AH 4310 Art of Northern Europe in the Renaissance Era

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Miniaturistic traditions incorporated into monumental artistic production in Northern Europe during the fifteenth and sixteenth centuries. Global Perspectives Course.

AH 4320 Italian Renaissance Art: The Age of Humanism

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Art from the late fourteenth to the sixteenth century. Focus on philosophical and religious underpinnings. Global Perspectives Course.

AH 4400 Baroque Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Art of seventeenth-century Europe during the age of kings, papal princes, and a new Protestant bourgeoisie in the North. Global Perspectives Course.

AH 4450 Eighteenth-Century European Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Critical history of the major developments in European art and architecture of the eighteenth century. Global Perspectives Course.

AH 4500 Nineteenth-Century European Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Critical history of the major developments in European art and architecture of the nineteenth century. Global Perspectives Course.

AH 4600 Modern Architecture

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION Critical history of Western architecture from the eighteenth through twenty-first centuries. Cities Perspectives Course. Global Perspectives Course.

AH 4610 Twentieth-Century European and American Modernism

CREDIT HOURS 3.0

DESCRIPTION Prerequisite AH 1750 with grade of C or higher, or AH 2000 with a grade of C or higher, or consent of instructor. Emphasizes analysis of social, economic, and political forces as they influence art in diverse media. 3.000 Credit hours. Global Perspectives Course.

AH 4620 African-American Art

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4320.) Aesthetic expressions of African-American artists from colonial times to present. Social, cultural, and creative history of Black America. Diverse contributions made by artists of African descent to the development of American culture. Artists, art movements, the relationship of art to politics, and the formation of racial/cultural identity.

AH 4630 Pre-Columbian Art

CREDIT HOURS 3.0

DESCRIPTION Introduction to the visual culture of the Andes and Mesoamerica before Columbus. Global Perspectives Course.

AH 4650 American Art

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION American painting, sculpture, photography, and architecture from the Revolutionary War to World War II.

AH 4660 Nineteenth and Twentieth-Century Art in Latin America

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or consent of instructor

DESCRIPTION The work of leading visual artists, architects, and photographers in Latin America during the nineteenth and twentieth centuries. Discussion of historical, political, social, and cultural contexts as well as issues of colonialism, gender relations, ethnicity, and representation. Global Perspectives Course.

AH 4670 Art of Japan

CREDIT HOURS 3.0

PREREQUISITES AH 1850 with a grade of C or higher, or permission of instructor

DESCRIPTION Introduction to the visual arts of Japan, including painting, sculpture, calligraphy, architecture, gardens, prints, ceramics, and other arts, from prehistory to the nineteenth century.

AH 4680 Art of Korea

CREDIT HOURS 3.0

PREREQUISITES AH 1850 with a grade of C or higher, or permission of instructor

DESCRIPTION Art and visual culture of Korea from the nineteenth century to the contemporary age, treated within a transnational framework, and in relation to the larger domain of modernity, modernism, and postmodernism.

AH 4700 Contemporary Art: Theory and Criticism

CREDIT HOURS 3.0

PREREQUISITES AH 1750 with grade of C or higher, or AH 2000 with a grade of C or higher, or consent of instructor

DESCRIPTION Linguistic bases of description, analysis, and evaluation of contemporary art. 3.000 Credit hours.

AH 4720 Feminist Issues in Contemporary Art

CREDIT HOURS 3.0

PREREQUISITES one 1000- or 2000-level AH course with a grade C or better

DESCRIPTION Emphasis on feminist analyses of contemporary art and visual culture. 3.000 credit hours.

AH 4750 Women Artists

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4740.) A survey of women artists from prehistory to the present. Global Perspectives Course.

AH 4800 Special Studies Lecture

CREDIT HOURS 3.0

PREREQUISITES One 1000-level art history course with grade of C or higher

DESCRIPTION Course topic to be determined by instructor and may include arts of the Renaissance, Asia, the Islamic world, contemporary issues, and others. Course may be repeated for credit when addressing substantively different topic areas.

AH 4850 Visiting Scholar Seminar

CREDIT HOURS 3.0

PREREQUISITES BA or BFA status, or permission of area coordinator

DESCRIPTION Specialized undergraduate course devoted to topics related to the Ernest G. Welch Visiting Scholar. The Visiting Scholar will be distinguished in his or her area of expertise and will teach on campus during his or her semester of residency.

AH 4900 Special Studies Seminar

CREDIT HOURS 3.0

PREREQUISITES one 4000-level art history course with grade of C or higher

DESCRIPTION Topics may include African diaspora, German expressionism, Renaissance urban planning, signs and symbols in Christian art, and American identity as shaped by the domestic interior. May be repeated for credit if topics are different.

AH 4930 Art History Internship

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Open to any Art History major. Internship in a museum, gallery, business or institution providing experience in a career related to the history of art. Internship must be approved by Art History Internship Coordinator in semester before internship begins. May be taken only once. This course may include a Signature Experience component.

AH 4950 Curatorial Practicum in Ancient Art

CREDIT HOURS 3.0

PREREQUISITES one 4000-level art history course with grade of C or higher or consent of instructor

DESCRIPTION A seminar that examines the basics of exhibition theory, design and implementation with a focus on ancient art. This course may include a Signature Experience component.

AH 4980 Special Problems

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES consent of instructor and school director

DESCRIPTION Independent studies initiated by the student.

AH 4990 Art History Capstone-CTW

CREDIT HOURS 3.0

PREREQUISITES Must be Graduating Senior status, Art History Major

DESCRIPTION Development of analytical, research, writing, and speaking skills as appropriate to the field of art history. Guest lecturers will discuss art historical issues and professions. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all art history majors.

ASTR ASTRONOMY

ASTR 1000 Introduction to the Universe

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours a week. A survey of the universe, examining the historical origins of astronomy; the motions and physical properties of the Sun, Moon, and planets; the formation, evolution, and death of stars; and the structure of galaxies and the expansion of the universe.

ASTR 1010 Astronomy of the Solar System

CREDIT HOURS 4.0

DESCRIPTION Three lecture and two laboratory hours a week. Astronomy from early ideas of the cosmos to modern observational techniques. The solar system planets, satellites, and minor bodies. The origin and evolution of the solar system.

ASTR 1020 Stellar and Galactic Astronomy

CREDIT HOURS 4.0

PREREQUISITES ASTR 1010 with grade of D or higher

DESCRIPTION Three lecture and two laboratory hours a week. The study of the Sun and stars, their physical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin and evolution of the universe.

ASTR 3010 Topics in Modern Astronomy

CREDIT HOURS 3.0

PREREQUISITES ASTR 1020 with grade of D or higher, or equivalent

DESCRIPTION Three lecture hours a week. Pulsars, quasars, black holes, x-ray sources, UV astronomy, IR astronomy, radio galaxies, interstellar molecules, 3K background radiation, manned and unmanned planetary exploration.

ASTR 3500 Quantitative Astronomy

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K with grade of C or higher, or consent of instructor

DESCRIPTION Four lecture hours a week. An intermediate-level course that uses the tools of calculus-based physics to explore the properties of planets, stars, galaxies, and the Universe.

ASTR 4000 Fundamentals of Astrophysics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with a grade of C or higher

DESCRIPTION Three lecture hours a week. Application of mechanics, electricity and magnetism, atomic and nuclear physics, and special relativity to the solution of astrophysical problems.

ASTR 4100 Astronomical Techniques and Instrumentation

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K with grade of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Fundamental and practical application of imaging, spectroscopy, photometry, astrometry, interferometry, and current developments in detector technology and telescope design.

ASTR 4500 Special Topics in Astronomy and Astrophysics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Topics of special interest in astronomy and astrophysics as may fit the needs and interests of students and faculty. Topics may be in the fields of planetary astronomy, exoplanets, astrobiology, stellar and galactic astronomy, extra-galactic astronomy, and cosmology.

ASTR 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

BIOL 1103K Introductory Biology I

CREDIT HOURS 4.0

DESCRIPTION Three lecture hours and three laboratory hours a week. Introduction to fundamental concepts in biology, with an emphasis on evolution, inheritance, anatomy and physiology, metabolism and ecology. Application of these concepts to issues affecting society. This course does not fulfill the requirements for a major in biology.

BIOL 1104K Introductory Biology II

CREDIT HOURS 4.0

PREREQUISITES BIOL 1103K or BIOL 1107K with grade of D or higher

DESCRIPTION Three lecture hours and three laboratory hours a week. Introduction to fundamental concepts in biology, with an emphasis on anatomy, physiology, classification and ecological relationships. Application of these concepts to issues affecting society. This course does not fulfill the requirements for a major in biology.

BIOL 2050 Introduction to Drugs and Behavior

CREDIT HOURS 3.0

DESCRIPTION (Same as PSYC 2050.) Provides an introduction to the effects of drugs on behavior. Topics include how drugs affect the brain and, consequently, behavior; the underlying brain and environmental factors thought to be responsible for drug addiction, tolerance and sensitivity; treatment of major psychological disorders (e.g., depression, mania, anxiety) with drug therapy; and the classification of common psychoactive drugs.

BIOL 2100 Introduction to Biological Inquiry

CREDIT HOURS 2.0

DESCRIPTION Two lecture hours per week. Orientation to the degree in Biology. Topics will include methods of scientific inquiry, critical thinking skills, evaluation of biomedical research, literature review, scientific writing, and experimental design. Class discussion and in-class labs will be included. Recommended for biology majors with less than two years of high school biology. Also appropriate for K-12 science education and health sciences students.

BIOL 2106 Introduction to the Biological Sciences

CREDIT HOURS 2.0

DESCRIPTION Two lecture hours a week. Introduction to evolutionary theory, plant, animal, microbial diversity, evolutionary history, and ecology.

BIOL 2107K Principles of Biology I

CREDIT HOURS 4.0

PREREQUISITES CHEM 1211K with grade of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. Introduction to scientific method, theory and experimentation, cell chemistry, enzymes, metabolism, photosynthesis, genetics, ecology, and evolution. Fulfills Biology Major requirement.

BIOL 2108K Principles of Biology II

CREDIT HOURS 4.0

PREREQUISITES BIOL 2107K or BIOL 2800; and CHEM 1211K with grades of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. Animal and plant biology with emphasis on structure, physiology, ecology, and evolution. Fulfills Biology Major requirement.

BIOL 2110K Human Anatomy and Physiology I

CREDIT HOURS 4.0

PREREQUISITES recent course work in biology or chemistry is recommended

DESCRIPTION Survey of the major organ systems in the human body. Chemical principles are included. Three lecture and two laboratory hours a week.

BIOL 2120K Human Anatomy and Physiology II

CREDIT HOURS 4.0

PREREQUISITES BIOL 2110K

DESCRIPTION Survey of the major organ systems in the human body. Chemical principles as related to physiology are included. Three lecture and two laboratory hours a week.

BIOL 2240 Introduction to Human Physiology

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K with grade of C or higher

DESCRIPTION Three lecture hours a week. Major organ systems with emphasis on homeostatic mechanisms in health and disease.

BIOL 2250 Human Physiology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 2240 with grade of D or higher, or concurrently

DESCRIPTION Three laboratory hours a week. Exercises dealing with major organ systems. Recommended for health sciences students.

BIOL 2300 Microbiology and Public Health

CREDIT HOURS 3.0

PREREQUISITES one year each of high school biology and chemistry recommended

DESCRIPTION Three lecture hours a week. An introduction to infectious disease agents of significance in individual and community health settings. The characteristics, symptoms, diagnosis, control, and treatment of infectious diseases will be considered.

BIOL 2310 Microbiology and Public Health Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 2300 with grade of D or higher, or concurrently

DESCRIPTION Three laboratory hours a week. Basic laboratory techniques for culture and identification of bacteria.

BIOL 2430 Frontiers in Biotechnology

CREDIT HOURS 2.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K, and CHEM 1212K with grades of C or higher

DESCRIPTION Two lecture hours a week. Basic principles of biotechnology with emphasis on genetic engineering and its application to problems of medical, agricultural, and social importance.

BIOL 2500 Neurobiology and Behavior

CREDIT HOURS 2.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K, and CHEM 1212K with grades of C or higher

DESCRIPTION Two lecture hours a week. An introduction to the neural basis of behavior in animals. The emphasis will be on the evolutionary connectedness of all nervous systems, including that of humans, and on demystifying how the brain works, using both reductionist and systems-level approaches.

BIOL 2800 Introduction to Molecular Biology

CREDIT HOURS 2.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K with grade of C or higher, or concurrently, or equivalent

DESCRIPTION Introduction to understanding DNA structure and replication, transcription, and translation, and the regulation of these processes with an emphasis on improving students' critical thinking and problem solving skills.

BIOL 3020 Introduction to Marine Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K with grade of C or higher

DESCRIPTION A comprehensive overview of the marine environment and the characteristics of marine organisms and their distinctive communities, such as coral reefs, kelp forests, seagrass beds, and the deep ocean.

BIOL 3021 Infectious Disease and Society

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K or BIOL 2108K with grade of C or higher

DESCRIPTION A consideration of the role played by infectious diseases in shaping civilization and society. The focus will be on HIV/AIDS, but sexually transmitted infections such as syphilis, gonorrhea, genital herpes, and genital warts will be discussed as well. HIV/AIDS will also be compared with other infectious diseases of historical importance including the Black Death, leprosy, smallpox, tuberculosis, influenza, and poliomyelitis.

BIOL 3240 Human Physiology

CREDIT HOURS 3.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K, and CHEM 1212K with grades of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Integrative physiology of major organ systems, with emphasis on homeostatic mechanisms in health and disease.

BIOL 3250 Human Physiology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3240 with grade of C or higher, or concurrently

DESCRIPTION Three laboratory hours a week. Exercises dealing with the physiology of the major organ systems.

BIOL 3430 Biotechnology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and CHEM 1212K with grades of C or higher

DESCRIPTION Three lecture hours a week. Fundamental principles of biotechnology. Topics include genetic engineering of bacteria, plants and animals; molecular and cellular cloning; the human genome project; forensics and DNA typing; cloning of organisms; and gene therapy. Bioethical implications are also considered.

BIOL 3440 Fundamentals of Evolution

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K with grade of C or higher

DESCRIPTION Three lecture hours a week. Mechanisms of evolution, from the molecular to the population level. Topics include population genetics, adaptation, natural selection, speciation, systematics, coevolution, history of life, the geological record, and evolution of humans. This course is also recommended for middle and high school biology teachers.

BIOL 3690 Honors Reading

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

BIOL 3800 Molecular Cell Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K or BIOL 2800; and CHEM 1212K with grades of C or higher

DESCRIPTION Three lecture hours a week. A survey of biochemistry, molecular genetics, and cell biology including cell structure and chemistry, macromolecular structure and synthesis, protein trafficking, cell motility, signaling, and division. A student may take this class for a grade a maximum of two times.

BIOL 3810 Molecular Cell Biology Laboratory-CTW

CREDIT HOURS 3.0

PREREQUISITES BIOL 3800 with grade of C or higher, or concurrently

DESCRIPTION Experiments demonstrating techniques and concepts in molecular cell biology with an emphasis on learning critical thinking through writing. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors. A student may take this class for a grade a maximum of two times.

BIOL 3820 Plant Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 (or concurrently) with grades of C or higher, or equivalents

DESCRIPTION Three lecture hours a week. Dynamic aspects of plant function, structure, and growth.

BIOL 3840 Animal Biology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 (or concurrently) with grades of C or higher, or equivalents

DESCRIPTION Three lecture hours a week. Comparative analysis of the behavior, physiology, anatomy, phylogeny, evolution, and ecology of animals.

BIOL 3850 Animal Biology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 and BIOL 3840 (or concurrently) with grades of C or higher

DESCRIPTION Three laboratory hours a week. Comparative structure and function of representative animal types.

BIOL 3880 Microbiology

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 with grades of C or higher, or equivalents

DESCRIPTION Three lecture hours a week. Functional anatomy, metabolism, cultivation, growth, and control of microorganisms with emphasis on the prokaryotes; relationships of these organisms to their environment.

BIOL 3890 Microbiology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 and BIOL 3880 (or concurrently) with grades of C or higher, or equivalents

DESCRIPTION Three laboratory hours a week. Techniques of cultivation, quantitation, isolation, and identification of microorganisms with emphasis on bacteria; effects of physical and chemical agents.

BIOL 3900 Genetics

CREDIT HOURS 3.0

PREREQUISITES BIOL 2108K and BIOL 3800 with grades of C or higher or equivalent course work

DESCRIPTION CHEM 2400 recommended. Three lecture hours a week. Introduction to classical and molecular genetics including Mendelian genetics, gene mapping, and molecular biology.

BIOL 3910 Genetics Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 and BIOL 3900 (or concurrently) with grades of C or higher

DESCRIPTION Three laboratory hours a week. Experiments demonstrating concepts in genetics.

BIOL 3990 Independent Readings

CREDIT HOURS 2.0

PREREQUISITES BIOL 3800 with grade of C or higher, and consent of instructor

DESCRIPTION Students will read and review primary literature in the field of biology. Students will discuss the readings with the instructor and/or write papers. Topics may vary. Course may be repeated for credit a maximum of two times.

BIOL 4010 Mathematical Biology

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or MATH 1220 with grade of C or higher

DESCRIPTION (Same as MATH 4010.) This course provides an introduction to the use of continuous and discrete differential equations in the biological sciences. Biological topics will include single species and interacting population dynamics, modeling infectious and dynamic diseases, regulation of cell function, molecular interactions and receptor-ligand binding, biological oscillators, and an introduction to biological pattern formation. There will also be discussions of current topics of interest such as Tumor Growth and Angiogenesis, HIV and AIDS, and Control of the Mitotic Clock. Mathematical tools such as phase portraits, bifurcation diagrams, perturbation theory, and parameter estimation techniques that are necessary to analyze and interpret biological models will also be covered.

BIOL 4011 Principles of Paleontology

CREDIT HOURS 4.0

PREREQUISITES GEOL 1122K with grade of C or higher, or consent of instructor

DESCRIPTION Three lecture and three laboratory hours a week. An introduction to the principles of paleontology including taphonomy, taxonomy, evolution, and extinction by examination of the fossil record. Study of commonly preserved organisms and their use in paleoecology, paleoenvironmental reconstruction, biostratigraphic correlation, and conservation paleobiology will be stressed as well.

BIOL 4014K Invertebrate Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 and BIOL 3850 with grades of C or higher, or equivalent course work

DESCRIPTION Three lecture and three laboratory hours a week. Structure, function, distribution, and taxonomic relationships of invertebrate animals.

BIOL 4015K Vertebrate Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 and BIOL 3850 with grades of C or higher, or equivalent course work, or consent of instructor

DESCRIPTION Three lecture and three laboratory hours a week. Diversity, taxonomy, structure, function, distribution, and ecology of living and extinct vertebrates.

BIOL 4040 Neuroethology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, or equivalent, with a grade of C or higher

DESCRIPTION Four lecture hours per week. (Same as NEUR 4040). The neural basis of behavior from an ethological perspective. The course will cover discoveries, techniques, and concepts underlying neuroethological research. Developmental, evolutionary, and comparative approaches are emphasized. 4.00 credit hours.

BIOL 4045K General Ecology-CTW

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with a grade of C or higher, or equivalent course

DESCRIPTION BIOL 3820 recommended. Three lecture and two laboratory hours per week. Principles governing distribution and abundance of organisms and their interactions. Experiments, data collection and analysis of ecological processes with an emphasis on critical thinking through writing. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4050K The Natural Environment of Georgia

CREDIT HOURS 4.0

PREREQUISITES BIOL 1104K or BIOL 2108K with grade of C or higher, and GEOG 1113 or equivalent, or consent of instructor

DESCRIPTION Three lecture hours a week with a one day weekend lab every other weekend. Georgia is a state with great a diversity of natural communities, in large part because of the many different landscapes present in the state. Through readings, discussions, tests, field outings, projects and in-class exercises, students will become familiar with the principles involved in the structure and function of Georgia's dwindling, but diverse, ecosystems. There will be an emphasis on plant communities and the physical environment, but animal communities and landscape management strategies will also be covered. Locations, diversity, and plant indicator species (especially trees) will be examined in the classroom and in the field, and experiential learning is emphasized.

BIOL 4074 Developmental Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 and BIOL 3900 with grades of C or higher

DESCRIPTION Four lecture hours a week. Introduction to developmental biology emphasizing cellular, genetic, and molecular aspects and mechanisms of development.

BIOL 4094 Developmental Neurobiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Introduction to the development of the nervous system. Covers the field of developmental neurobiology from neural induction to the modification of neuronal connections in the adult nervous system and uses a variety of model organisms to demonstrate the rules by which nervous systems develop.

BIOL 4102 Neurobiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and BIOL 3840 with grades of C or higher, or equivalent

DESCRIPTION Comprehensive basis for understanding brain research, major discoveries in neuroscience, and the methods employed for those achievements. Topics include the neural basis of learning and memory, sensory perception, motor control, neurological diseases, drug action, and behavior.

BIOL 4104 Zoo Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours a week. Historical background as well as current issues and developments in zoos. Topics include conservation, SSPs (Species Survival Plans), behavioral enrichment, studbook management, and planning/economics of major exhibits. Course instruction will be on-site at Zoo Atlanta. Students will work directly with animal curators and keepers.

BIOL 4115 Medical Neuroanatomy

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Human brain and spinal cord functional neuroanatomy and associated pathologies.

BIOL 4130 Sensation and Perception

CREDIT HOURS 3.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION (Same as PSYC 4130.) Three lecture hours a week. Experimental analysis of sensory and perceptual processes at both a physiological and a psychophysical level. The five primary sensory systems will be covered: vision, audition, touch, taste, and smell.

BIOL 4232 Cell Cycle and Cancer

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with a C or better

DESCRIPTION This course discusses the cell cycle, and how misregulation of this well orchestrated process results in cancer. Current research in cell cycle and cancer biology will be utilized to stimulate critical thinking and communication about the complex biological processes that go awry in cancer and form the basis for intervention with chemotherapeutic drugs.

BIOL 4240 Endocrinology

CREDIT HOURS 4.0

PREREQUISITES CHEM 3410 with grade of C or higher, or equivalent course work; CHEM 4600 is recommended

DESCRIPTION Four lecture hours a week. Basic biochemistry and physiology of the endocrine system, including synthesis and secretion of steroid and protein hormones, mechanisms of hormone action, and endocrinology of reproduction.

BIOL 4241 Hormones and Behavior

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION (Same as PSYC 4630.) Four lecture hours per week. Interaction of nervous and endocrine systems in the control of animal behavior, including humans, with emphasis on the mechanisms that adapt behavior to the changing physical and social environments.

BIOL 4242 Circadian Rhythms

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840, PSYC 2050, or PSYC 4110 with grade of C or higher, or equivalent

DESCRIPTION Functional and physiological aspects of biological timekeeping, with special emphasis on circadian timing. Significant student participation is expected with required essential and timely reading assignments.

BIOL 4246 Advanced Human Physiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 2240 or BIOL 3240, and BIOL 3800 with grades of C or higher, or equivalents

DESCRIPTION The circulatory, respiratory, gastrointestinal, and renal physiological systems will be emphasized.

BIOL 4248 Cell Physiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840, BIOL 3880, BIOL 3900, and CHEM 3410 with grades of C or higher, or equivalent

DESCRIPTION CHEM 4600 is recommended. Four lecture hours a week. Mechanisms of cell and organelle function at the molecular level.

BIOL 4250 Cell Cycle and Cancer-CTW

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with a C or better

DESCRIPTION This course discusses the cell cycle and how misregulation of this well orchestrated process results in cancer. Strong emphasis will be placed on stimulating critical thinking and developing scientific writing skills to effectively comprehend and communicate scientific knowledge in the field of cell cycle and cancer. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4278 Immunology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Principles of immunobiology with emphasis on humoral and cellular immunity, immunochemical methods for detection, quantitation and study of humoral antibodies and immune cells.

BIOL 4280 Immunology of Infectious Diseases-CTW

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Principles of immunobiology focusing on human innate and adaptive immune responses and mechanisms that coordinate these responses to protect from infection. Over-reactions of the immune system and principles underlying efficacy of vaccines for infectious diseases. Analysis of research articles to explore recent advances in immunology research with an emphasis on critical thinking through writing. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4282 Tumor Immunology-CTW

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher

DESCRIPTION This course discusses the molecular basis of tumorigenesis and the interactions between the immune system and tumors/cancer cells. Topics covered include: basic tumorigenesis of common solid tumors, basic immunology, tumor antigen expression, types of immune responses to tumors, mechanisms by which tumors escape/suppress the immune response and novel approaches for immunotherapy of advanced cancers. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4284 Medical Biochemistry in Health and Disease

CREDIT HOURS 4.0

PREREQUISITES CHEM 4600 with a C or better

DESCRIPTION Overview of principles of biochemistry and metabolism at both the cellular and whole body level under normal physiological conditions in maintaining physical and mental health and in various disease states. These include exercising, starvation, trauma, infection, pregnancy, aging-related mental illness, obesity, diabetes, cardiovascular diseases and cancer. Four hours a week. Crosslisted with BIOL 6284.

BIOL 4428 Medical Microbiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 with grade of C or higher, or equivalent course work

DESCRIPTION Four lecture hours per week. An overview of significant human and animal pathogens, including aspects of bacterial, viral, protozoan, and helminthic infections and pathogenesis. Pathogen characteristics and features, epidemiology, immunity, and treatment.

BIOL 4430 Microbial Diversity/Systematics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 with grade of C or higher

DESCRIPTION Four lecture hours per week. Principles of microbial diversity with emphasis on the phylogeny, metabolism, interactions of microorganisms with the environment and molecular mechanisms generating diversity and the impact on modern methods of bioprospecting.

BIOL 4438 Applied Microbiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 with grade of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Microbiology of industrial processes, including quality control, fermentations, biotransformations, strain selection, and maintenance.

BIOL 4450 Molecular Modeling Methods

CREDIT HOURS 2.0

PREREQUISITES CHEM 3410 and CHEM 4110 with grades of C or higher, or equivalent work, and consent of the instructor

DESCRIPTION (Same as CHEM 4450.) Use of molecular mechanics methods to solve structural problems in organic, bioorganic, and biophysical chemistry. May be repeated if topics are different.

BIOL 4451 Aquatic Pollution and Toxicology

CREDIT HOURS 4.0

PREREQUISITES BIOL 2108K and CHEM 1212K with grades of C or higher, or equivalent

DESCRIPTION CHEM 2400 recommended. Four lecture hours per week. Comprehensive introduction to water pollution (including relevant methods and techniques) and its relationship to public health.

BIOL 4458 Microbial Ecology and Metabolism

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and CHEM 2400 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. Microbial communities and the interrelationships of microorganisms and environment. Particular emphasis on metabolic activities and their measurement and applications to environmental problems (bioremediation).

BIOL 4460 Parasitology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher or consent of instructor

DESCRIPTION A survey of the important parasites of humans and domestic animals. Emphasis will be placed on medically important parasitic protozoa, helminthes, and arthropods; clinical effects of infection, epidemiology, methods for detection and identification as well as global impact of parasitic diseases in today's world.

BIOL 4480 Principles of Toxicology

CREDIT HOURS 4.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K with grade of C or higher, or equivalent course work

DESCRIPTION CHEM 4600 is recommended. Four lecture hours a week. Studies of the absorption, distribution, and excretion of toxicants, their detoxification and bioactivation, and their adverse effects.

BIOL 4484 Laboratory Techniques in Applied and Environmental Microbiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880, BIOL 3890, or equivalent course work; BIOL 4438 and BIOL 4458 , with grades of C or higher

DESCRIPTION One lecture and six laboratory hours a week. Techniques and procedures for isolation, characterization, and identification of microorganisms of practical significance; model ecosystems and biofilms; sampling and enumeration of microorganisms; metabolism; and analysis of microbial growth.

BIOL 4500 Human Genetics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours a week. Principles of human heredity, with emphasis on the molecular basis of heredity, detection and treatment of genetic diseases, and genetic counseling.

BIOL 4545 Bioethics and Biotechnology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with a C or higher, or equivalent

DESCRIPTION Four lecture hours a week. Ethical issues raised by recent advances in biotechnology, genomics, and other areas of molecular genetics and cell biology. Specific topics include: eugenics; molecular, cellular and organismal cloning; personalized medicine; stem cell research; the genetics of behavior; and the role of epigenetics in the nature vs. nurture debate.

BIOL 4564 Advanced Genetics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with grade of C or higher

DESCRIPTION Four lecture hours a week. Advanced topics and techniques in prokaryotic and eukaryotic genetic systems, including gene mapping, molecular techniques, regulation of gene expression, genomics, and population genetics.

BIOL 4565 General Oncology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with grade of C or higher

DESCRIPTION Four lecture hours a week. Etiology, pathology, mechanisms of metastasis and treatment of cancer. Students will also analyze current primary literature in the field.

BIOL 4575 Virology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours per week. Introduction to viruses, including structure and replication of viruses; virus isolation and classification; pathogenesis and epidemiology of virus disease.

BIOL 4576 Neurovirology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher

DESCRIPTION Following an introduction to basic neuroanatomy and neuroimmunology, individual lectures will focus on the diagnosis, treatment, and pathogenesis of several neurologic diseases of virus origin. These include encephalitis, meningitis, chronic inflammatory and demyelinating diseases, HIV/AIDS-associated dementia, peripheral neuropathies, retinitis, and transmissible spongiform encephalopathies caused by prions. The concept of virus latency within the nervous system will be emphasized, as will the possible contributions of viruses or prions toward the onset of Alzheimer?s disease.

BIOL 4580 Microbial Pathogenesis

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher, or equivalent course work

DESCRIPTION Four lecture hours a week. This course integrates material from pathogenic microbiology, molecular biology and immunology into an overview of bacterium-host interactions including bacterial attributes, virulence factors, and several paradigms of bacterial-host interactions focusing on molecular and genetic approaches.

BIOL 4595 Microbial Physiology and Genetics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3880 and BIOL 3900 with grades of C or higher

DESCRIPTION CHEM 4600 recommended. Four lecture hours a week. Molecular biology of bacteria and their viruses, with an emphasis on the use of microbes as model systems for studying molecular processes. Topics include microbial physiology, genetic exchange, gene expression, recombinant DNA technology, and the molecular basis for microbial pathogenesis.

BIOL 4615 History of Science and Technology

CREDIT HOURS 4.0

PREREQUISITES BIOL 2108K with grade of C or higher

DESCRIPTION Examination of the histories of different scientific disciplines, their methodologies, practices, forms of knowledge and interrelations, integrating transformations in the sciences with broader historical changes. Topics include the histories of scientific revolutions, the relationship between science and technology, the social and political uses of science, and criticisms of science.

BIOL 4630 Enzymology

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 3410) and one semester of biochemistry (CHEM 4600) with grades of C or higher, or equivalent

DESCRIPTION (Same as CHEM 4630.) Introduction to enzyme catalysis, with emphasis on the general concepts of enzyme kinetics and the common tools for studying enzymes.

BIOL 4640 Fundamentals of Bioinformatics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or equivalent, or written approval of instructor

DESCRIPTION (Same as CHEM 4640 and CSC 4640.) Four lecture hours per week. A "hands-on" approach to bioinformatics using PCs, the internet, and computer graphics to analyze, correlate, and extract information from biological databases, emphasizing sequence and structure databases for proteins and nucleic acids, and introducing the computer skills necessary for bioinformatics. Topics include: sequences and three-dimensional structures of proteins and nucleic acids, the major databases, algorithms for sequence comparison, data mining, and prediction of structure and function.

BIOL 4648 Biogeography

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112, BIOL 1104K, or BIOL 2108K with grades of B or higher, or consent of instructor

DESCRIPTION Spatial variations, processes, and environmental constraints influencing the distribution of life.

BIOL 4670 Principles and Techniques of Practical Biochemistry

CREDIT HOURS 3.0

PREREQUISITES One semester of biochemistry (CHEM 4600/6600) with grade of B or higher, or equivalents

DESCRIPTION [Same as CHEM 4670]. A comprehensive and integrated review of principles and modern techniques found in day-to-day biochemical research laboratories. Topics include, but are not limited to: general principles of biochemical investigations, molecular biology and basic techniques, molecular cloning and gene analysis, protein structure, purification and characterization, biomolecular interactions, basic enzyme analysis, spectroscopic techniques, mass spectrometric techniques, centrifugation, electrophoretic, chromatographic, radioisotope and electrochemical techniques.

BIOL 4680 Biological Imaging

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and PHYS 1112K or PHYS 2212K with grades of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. An introduction to the theory of microscopy and various types of microscopes and their applications to biological research. Topics include: microscopes, basic specimen preparation, and staining techniques.

BIOL 4685 Functional Histology-CTW

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and BIOL 3240 with grades of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Topics include preparation and basic staining of tissues, special stains, identification of tissue features and classification. The course will correlate tissue form and function by incorporating concepts of cell, tissue, and organ physiology. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4686 Pathophysiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 and BIOL 3240 with grades of C or higher or equivalent, or consent of instructor

DESCRIPTION Clinical case studies will be used to teach the principles and processes behind adult and childhood diseases. Students will learn basic diagnostic skills in hematology and blood chemistry, histopathology, ECG, spirometry, radiology, and urology.

BIOL 4694 Biosafety: Principles and Practice

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Four lecture hours per week. The discussion of pathogenic agents and their associated occupational and public health risks. Topics include emerging biosafety issues such as bioterrorism, human gene therapy, and federal and state regulations guiding use of pathogenic organisms.

BIOL 4696 Laboratory in Molecular Biological Techniques

CREDIT HOURS 4.0

PREREQUISITES BIOL 3900 with a grade of C or higher

DESCRIPTION CHEM 4600 recommended. One lecture and six laboratory hours a week. Isolation and characterization of nucleic acids and proteins. Topics include molecular cloning, isolation, characterization and sequence analysis of chromosomal and plasmid DNA, PCR mediated gene amplification, and protein purification.

BIOL 4744 Biostatistics

CREDIT HOURS 3.0

PREREQUISITES MATH 2211 and BIOL 2108K with grades of C or higher, or equivalents

DESCRIPTION (Same as MATH 4544.) Three lecture hours a week. Principles and methods of statistics as applied to biology and medicine.

BIOL 4780 Biomolecular Simulations

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 and CHEM 4120 or equivalents with grades of C or higher, or consent of instructor

DESCRIPTION (Same as CHEM 4780.) This is an introductory self-contained course on the application of molecular dynamics and related methodologies by which student with a relatively limited background in chemistry, biology, and computer literacy can learn the fundamentals of research in these areas. In this course, students will learn to do computer calculations that quantify biomolecular interaction concepts discussed in lectures in biology, biochemistry, and biophysics.

BIOL 4800 Principles of Cellular Biology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800, BIOL 3900, and CHEM 1211K with grades of C or higher, or consent of instructor

DESCRIPTION Four lecture hours a week. Survey of cellular components and processes in different cell types as they relate to the function of the cell. Includes signal transduction, photoreceptors, neurons, muscle, blood cells, cells of the immune system, and cell biology of infection.

BIOL 4870 Honors Thesis: Research

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

BIOL 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES BIOL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

BIOL 4900 Directed Laboratory Study

CREDIT HOURS 2.0

COREQUISITES BIOL 4910 or equivalent

DESCRIPTION One lecture hour and one discussion hour per week. Student learning of experimental strategies and procedures through laboratory group meetings and individual discussion with faculty laboratory director.

BIOL 4905 Theme-Based Biology Laboratory

CREDIT HOURS 2.0 TO 4.0

PREREQUISITES BIOL 3810 with grade of C or higher

DESCRIPTION Students will work in small groups to develop specific biological hypotheses, design and carry out experiments to test these hypotheses, and analyze the results they obtain. May be repeated for credit if topic is different.

BIOL 4906 Theme-based Biology Laboratory

CREDIT HOURS 1.0

PREREQUISITES BIOL 3810 with grade of C or higher

DESCRIPTION One lecture and six laboratory hours a week. Students will work in small groups to develop specific biological hypotheses, design and carry out experiments to test these hypotheses, and analyze the results they obtain. May be repeated for credit if topic is different.

BIOL 4910 Undergraduate Research in Biology

CREDIT HOURS 1.0 TO 5.0

PREREQUISITES at least 20 hours in biology and consent of instructor

DESCRIPTION Independent laboratory investigation of common interest to student and instructor. May be repeated once. This course may include a Signature Experience component.

BIOL 4911 Internship in Zoo Research

CREDIT HOURS 3.0

PREREQUISITES BIOL 4104 with grade of C or higher, or equivalent

DESCRIPTION Admission by permission of instructor. Nine lab hours per week. Students will directly participate in ongoing primary research at the zoo. This will be under the direction of animal curators and keepers at the zoo and will provide specific research opportunities with the living collections at Zoo Atlanta. This course may include a Signature Experience component.

BIOL 4912 Zoo Internship in Animal Management

CREDIT HOURS 3.0

PREREQUISITES BIOL 4104 with grade of C or higher, or equivalent

DESCRIPTION Admission by permission of instructor. Nine lab hours per week. Supervised hands-on experience with the practical aspects of managing a wide range of exotic animals in a captive setting. Students will work directly with animal curators and keepers. This course may include a Signature Experience component.

BIOL 4913 Georgia Aquarium Internship I

CREDIT HOURS 2.0

PREREQUISITES BIOL 3020 with grade of B or higher, or consent of instructor

DESCRIPTION Students will participate in the education programs at the Georgia Aquarium one morning a week for about three hours, depending on Aquarium requirements, and under the supervision of Aquarium staff. The primary goal is to train interns to be able to deliver education programs at the Georgia Aquarium. This course may include a Signature Experience component.

BIOL 4914 Georgia Aquarium Internship II

CREDIT HOURS 2.0

PREREQUISITES BIOL 4913 with grade of S and consent of instructor

DESCRIPTION This is the second part of the Georgia Aquarium internship program. Students will participate in the education programs at the Georgia Aquarium one morning a week for about three hours, depending on Aquarium requirements, and under the supervision of Aquarium staff. The interns will deliver education programs to visiting student groups and train interns in first part of the Intern program (BIOL 4913 or BIOL 6913). This course may include a Signature Experience component.

BIOL 4915 Collaborative Internships in Biology

CREDIT HOURS 2.0

PREREQUISITES consent of instructor

DESCRIPTION Students engage in off-campus internship training arranged through collaboration with biology faculty members. May be taken for credit a maximum of two times. This course may include a Signature Experience component.

BIOL 4916 Internships in Biology

CREDIT HOURS 2.0

PREREQUISITES consent of instructor

DESCRIPTION Students receive hands-on experience in activities that require knowledge and skills related to the field of biology. Specific topics available each semester will vary. May be taken for credit a maximum of two times. This course may include a Signature Experience component.

BIOL 4930 Topics in Biology

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES consent of instructor

DESCRIPTION Three or four lecture hours a week. Detailed examination of a selected area in biological sciences. May be repeated for credit if topic is different.

BIOL 4960 Biology Careers Seminar

CREDIT HOURS 1.0

PREREQUISITES BIOL 2108K or BIOL 2800 with grade of C or higher

DESCRIPTION Speakers from different biology-related fields will discuss their jobs from the perspective of helping Biology majors with their career planning. Topics will include graduate training at GSU, health and teaching-related careers, other biology-related careers, and job search strategies. (May be repeated for credit a maximum of two times.

BIOL 4970 Biology Seminar

CREDIT HOURS 1.0

PREREQUISITES at least 20 hours in biology

DESCRIPTION Current research topics in biology. May be repeated for credit a maximum of two times.

BIOL 4980 Senior Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES BIOL 3810, BIOL 3880, and BIOL 3900 with grades of C or higher

DESCRIPTION Critical analysis of research in biology using primary literature and seminars in biology. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all biology majors.

BIOL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

BRFV BIRTH THROUGH FIVE

BRFV 3200 Introduction to Administration and Organization of Programs for Young Children

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education and EDUC 2300 with a grade of "C" or higher

DESCRIPTION Teacher candidates will develop knowledge and skills in planning, implementation, and maintenance of an effective early childhood program. Laws, rules, regulations, accreditation and program evaluation will be addressed. Managing a facility, financial resources, and personnel will be emphasized. Program administrator competencies of national accrediting agencies will be addressed.

BRFV 3250 Professional and Ethical Practice-CTW

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

DESCRIPTION Teacher candidates will develop knowledge, skills, and dispositions that will enable them to work as professionals in a variety of settings with children from birth through five years of age and their caregivers. Teacher candidates will become familiar with organizations and publications relevant to the fields of early childhood education and early childhood/special education and will learn to adhere to codes of ethical behavior for those fields. Topics include professional qualifications, professionalism, advocacy, and team process models. This course is a Critical Thinking Through Writing (CTW) course.

BRFV 4360 Child Guidance Birth to Five

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education and EDUC 2300 with a grade of "C" or higher

DESCRIPTION This course focuses on positive child guidance strategies to support the development of self-control, self-motivation, and self-esteem of young children. Guidance practices that foster and motivate children's learning in individual and group settings will be reviewed. The theoretical foundations of current guidance approaches will be examined.

BRFV 4370 Language, Literacy, and Cognition-CTW

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education and EDUC 2300 with a grade of "C" or higher

DESCRIPTION Teacher candidates will develop knowledge about the inter-relatedness of cognition, language, and literacy such that they gain a strong pedagogical foundation in literacy and language development with an emphasis on the practical application of course topics to implement developmentally appropriate practices and experiences. Topics include pre-linguistic development, components of language, relationships between oral and written language, early literacy development, individual differences, and cultural and linguistic variations in language including bilingualism and biliteracy. This course is a Critical Thinking Through Writing (CTW) course.

BRFV 4380 Methods for Infants and Toddlers

CREDIT HOURS 4.0

PREREQUISITES Admitted into Teacher Education and EDUC 2300 with a grade of "C" or higher

COREQUISITES EXC 4520

DESCRIPTION Teacher candidates will develop knowledge and skills in planning and implementing developmentally appropriate activities in a flexible and supportive learning environment for children birth through 36 months of age. Teacher candidates will use instructional methods and materials based on knowledge of child, family, community, and curricular goals. Topics include application of brain and attachment research, how infants learn, and how caregivers can use routines to provide individual, respectful, and responsive care to support optimum social/emotional, cognitive, and physical development of children, birth to age 18 months; promoting the development of toddlers' sense of self, building teaching relationships with toddlers, socialization and guidance in toddler years, facilitation of language development, toilet learning. DECAL standards for 0-3 will be explored. (Includes field experience).

BRFV 4390 Methods for Pre-Kindergarten and Kindergarten Children

CREDIT HOURS 4.0

PREREQUISITES Admitted into Teacher Education and EDUC 2300 with a grade of "C" or higher

COREQUISITES EXC 4530

DESCRIPTION Teacher candidates will learn to provide developmentally appropriate individual and group activities to 3-5 year old children in a flexible and supportive learning environment that provokes children's thinking. Topics and activities will include emphasis on social and emotional development, motor development and refined control of movement, sensorial foundations for cognitive development, language acquisition and the emergence and development of literacy, development of numeracy and the mathematical mind, supporting children's social connections and children's symbolic representation of ideas, using a wide variety of materials, through art, dramatic play, block construction, and storytelling. DECAL and GA DOE standards will be explored (Includes field experience).

BRFV 4400 Family and Community Relationships

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education and EDUC 2152 with a grade of "C" or higher

DESCRIPTION The structure, function, and process of parenting are explored. An emphasis is placed on understanding characteristics of parents, parenting behavior, parenting styles, and their consequences on children and parent-child relationships. Families' relationships with caregivers, early childhood care and education settings, and communities will also be discussed.

BRFV 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

BRFV 4661 Student Teaching Birth Through Five

CREDIT HOURS 9.0 TO 12.0

PREREQUISITES All courses in Birth Through Five B.S.E. Program

DESCRIPTION This course is the culmination of teacher candidates' knowledge gained in previous coursework and allows them to demonstrate self-sufficiency and independence if they are beginning teachers or at high levels of competence if experienced teachers. Teacher candidates will complete the student teaching internship in an early care and education setting for young children or in a preschool/Pre-kindergarten or Kindergarten setting. Opportunity is given for teacher candidates to work with young children with or without special needs. Teacher candidates will demonstrate the knowledge, skills, and dispositions acquired in the program. This course may include a Signature Experience component.

BA 5000 Master's Orientation

CREDIT HOURS 0.0

DESCRIPTION This orientation course is designed to assist new Robinson Graduate students in their transition back to the classroom. Students will receive relevant information about the Masters program framework and be introduced to the student services offered by the College. Students will participate in a case analysis, along with a team building activity. Students also will have an opportunity to network with the members of the new program as well as members on the current class. The Staff within Academic Advising and Career Management are on hand for introductions and an initiation of their respec- tive service offerings. Faculty members also share their perspective on success in the return to the classroom.

BUSA 2106 The Legal Environment of Business

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS CSP 1, 6

DESCRIPTION This course provides the business student with a study of the interrelationship of law, ethics, and business. The course also covers government regulation of business activities and the legal environment within which business must operate.

BUSA 3000 Globalization and Business Practice-CTW

CREDIT HOURS 3.0

PREREQUISITES None

DESCRIPTION This course examines worldwide integration of economic, political, technological, cultural, and social facets to explore the impact of globalization on organizations and individuals worldwide. Students develop an understanding of the macro environment of the global marketplace. They learn how to incorporate their knowledge of global markets through the simultaneous consideration of all business functions. Methodologies of country market assessment are utilized applying critical thinking through writing. The course is the required first CTW course for all majors in the Robinson College of Business. Global Perspectives Course.

BUSA 3090 Survey of Business Principles for Non-Business Students

CREDIT HOURS 3.0

REQUIREMENTS CSP: 1, 2, 6, 7.;

DESCRIPTION Prerequisites; Minimum of a 2.8 GPA and 45 creidt hours. It is a survey course that spans many of the business management areas including: marketing, operations, accounting, finance, strategy, ethics and economics. The course is not intended to replace more indepth studies of any of these business disciplines but rather to jump-start such studies for students with little or no background in business. The course is designed for nonbusiness students interested in starting their own entrepreneurial ventures. This course will prepare these students to take additional entrepreneurship courses and to participate in various entrepreneurship activities within the University.

BUSA 4980 Strategic Management

CREDIT HOURS 3.0

PREREQUISITES BCOM 3950, and BUSA 3000, and Fi I300, and MGS 3100, and MGS 3400, and MK 3010 and completion of four upper-level major courses

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION This is a capstone course in the B.B.A. program and is required of all seniors. The course integrates subject matter from the business core courses and other disciplines. This course focuses on integrated approaches to medium and long-term organizational challenges in a dynamic environment. Students develop skills in, and appreciation of, the role of all managers in the formulation and implementation of organizational strategies. A computer simulation involving teams of students from different functional backgrounds is a major part of the instructional design. Warning: B.B.A. students who violate any of the prerequisites for BUSA 4980 are subject to disenrollment by the college regardless of performance or time lapse and will be allowed a tuition refund in accordance with the university's refund schedule.

BUSA 4990 Comprehensive Exit Exam

CREDIT HOURS 0.0

REQUIREMENTS CSP 1, 2, and 3

DESCRIPTION This non-credit course will administers the RCB exit exam for Undergraduate students. The class meets one time for three hours. This course is required for graduation in the semester of graduation for all Robinson College of Business majors. Corerequisite: Enrollment in BUSA 4980. Transient students are not eligible for nor required to take this class.

BCOM 3950 Business Communication and Professional Development

CREDIT HOURS 3.0

PREREQUISITES ENGL 1101 and ENGL 1102

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course enables students to develop the communication skills necessary to thrive in a professional setting and to create a personal career management strategy. Upon completing this course, students will be able to transition confidently and effectively from college to the workplace, graduate school or professional school. Students will be able to communicate in a proficient, influential manner in a variety of business situations. They will also learn how to develop and apply successful communication strategies to inform, persuade, and motivate others. Students will be able to write concise business documents and deliver high-quality oral presentations. Through a combination of course and lab work, students will develop the materials necessary to launch a productive self-directed internship and job search. In addition, class members will develop long-term personal career management strategies including an understanding of graduate and professional school options. Topics will include aspects of interpersonal communication, nonverbal communication, interview preparation, resume writing and job search correspondence, as well as the influence of culture, ethics, and technology.

CHEM 1001 Survey of Chemistry I Problem Solving

CREDIT HOURS 1.0

COREQUISITES concurrent enrollment in CHEM 1151K

DESCRIPTION Two lecture hours a week. In-depth problem-solving techniques and study methods for allied health profession majors. Recommended for students who have not completed a standard high school chemistry course. This course does not count toward a degree.

CHEM 1002 Survey of Chemistry II Concept Development

CREDIT HOURS 1.0

COREQUISITES concurrent enrollment in CHEM 1152K

DESCRIPTION One lecture hour a week. Elaborates key chemical concepts and illustrates problem-solving techniques for allied health profession majors. This course does not count toward a degree.

CHEM 1050 Chemistry for Citizens

CREDIT HOURS 3.0

PREREQUISITES high school chemistry recommended

DESCRIPTION Three lecture hours a week. Modern chemical concepts and chemical processes with their impact on a technological society; the background for informed decisions.

CHEM 1101K Introductory Chemistry I

CREDIT HOURS 4.0

DESCRIPTION Three lecture and three laboratory hours a week. First course in a two-semester sequence covering the basic principles and applications of chemistry for non-science majors. Topics to be covered include atomic structure and isotopes, periodicity, and chemical equations. Laboratory exercises supplement the lecture material.

CHEM 1102K Introductory Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 1101K with grade of D or higher

DESCRIPTION Three lecture and three laboratory hours a week. Second course in a two-semester sequence covering the basic principles and applications of chemistry for non-science majors. Laboratory exercises supplement the lecture material.

CHEM 1151K Survey of Chemistry I

CREDIT HOURS 4.0

DESCRIPTION Three lecture and three laboratory hours a week. Students with a good science background may apply for exemption. First course in a two-semester sequence covering elementary principles of general, organic, and biochemistry designed for allied health profession majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises supplement the lecture material.

CHEM 1152K Survey of Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 1151K with grade of D or higher, or its exemption

DESCRIPTION Three lecture and three laboratory hours a week. Second course in a two-semester sequence covering elementary principles of general, organic, and biochemistry designed for allied health profession majors. Laboratory exercises supplement the lecture material.

CHEM 1201 Chemistry I Concept Development

CREDIT HOURS 1.0

PREREQUISITES concurrent enrollment in CHEM 1211K

DESCRIPTION One lecture hour a week. Elaborates key chemical concepts and illustrates problem-solving techniques for college chemistry for natural science majors. Recommended for students who have completed a standard high school chemistry course. This course does not count toward a degree.

CHEM 1202 Chemistry I Problem Solving

CREDIT HOURS 2.0

PREREQUISITES concurrent enrollment in CHEM 1211K

DESCRIPTION Two lecture hours a week. In-depth problem-solving techniques and study methods for college chemistry for natural science majors. Recommended for students who have not completed a standard high school chemistry course. This course does not count toward a degree.

CHEM 1203 Chemistry II Concept Development

CREDIT HOURS 1.0

PREREQUISITES Concurrent enrollment in CHEM 1212K

DESCRIPTION One lecture hour a week. Elaborates key chemical concepts and illustrates problem-solving techniques for college chemistry for natural science majors. This course does not count toward a degree.

CHEM 1211K Principles of Chemistry I

CREDIT HOURS 4.0

PREREQUISITES One year of high school chemistry or the equivalent and authorization by department

DESCRIPTION MATH 1113 as a prerequisite or corequisite is strongly advised. Three lecture and three laboratory hours a week. First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material.

CHEM 1212K Principles of Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 1211K with grade of D or higher

DESCRIPTION (Grade of C or higher required for all Chemistry majors.) Three lecture and three laboratory hours a week. Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Laboratory exercises supplement the lecture material.

CHEM 2010 Quantitative Analysis

CREDIT HOURS 2.0

PREREQUISITES CHEM 1212K with grade of C or higher

DESCRIPTION One lecture and four laboratory hours a week. Fulfills quantitative analysis requirement for pre-medical students and chemistry majors. Fundamentals of quantitative analysis applied to a research project. Topics include acid-base and complex ion equilibria, redox potentials, electrochemistry, spectroscopy, and separations.

CHEM 2400 Organic Chemistry I

CREDIT HOURS 4.0

PREREQUISITES CHEM 1212K with grade of D or higher

DESCRIPTION Concurrent enrollment in CHEM 3100 is strongly suggested. Three lecture hours and one recitation hour Three lecture hours and one recitation hour a week. Reactions, methods of preparation, and physical and chemical properties of the common classes of carbon compounds, with emphasis upon modern electronic and mechanistic theories.

CHEM 2401 Organic Chemistry Problems I

CREDIT HOURS 1.0

COREQUISITES concurrent registration in CHEM 2400

DESCRIPTION One lecture hour per week. An auxiliary course for students taking CHEM 2400. Emphasis is on problem solving in organic chemistry. This course does not count toward graduation.

CHEM 2950 Chemical Research

CREDIT HOURS 2.0 TO 5.0

PREREQUISITES Prior approval by the supervisor of a proposed plan of study

DESCRIPTION Supervised chemical laboratory research at the lower undergraduate level. Specific topics selected by the student in consultation with the supervisor. This course may include a Signature Experience component.

CHEM 3100 Organic Chemistry Laboratory I

CREDIT HOURS 2.0

PREREQUISITES CHEM 1212K with grade of C or higher, and concurrent enrollment in CHEM 2400

DESCRIPTION One lecture and 3.5 laboratory hours a week. Modern quantitative and physical laboratory methods applied to the synthesis, separation, purification, identification, and the physical and chemical properties of organic compounds.

CHEM 3110 Organic Chemistry Laboratory II

CREDIT HOURS 2.0

PREREQUISITES CHEM 2400 with grade of C or higher, and concurrent enrollment in CHEM 3410 (or previous enrollment in CHEM 3410 with a grade of C or higher)

DESCRIPTION One lecture and four laboratory hours a week. Modern quantitative and physical laboratory methods applied to the synthesis, separation, purification, identification, and the physical and chemical properties of organic compounds.

CHEM 3410 Organic Chemistry II

CREDIT HOURS 4.0

PREREQUISITES CHEM 2400 with grade of C or higher

DESCRIPTION Concurrent enrollment in CHEM 3110 is strongly suggested. Three lecture hours and one recitation hour a week. Reactions, methods of preparation, and physical and chemical properties of the common classes of carbon compounds, with emphasis upon modern electronic and mechanistic theories.

CHEM 3411 Organic Chemistry Problems II

CREDIT HOURS 1.0

COREQUISITES concurrent registration in CHEM 3410

DESCRIPTION One lecture hour per week. An auxiliary course for students taking CHEM 3410. Emphasis is on problem solving in organic chemistry. This course does not count toward graduation.

CHEM 3600 Introduction to Academic Peer Leadership

CREDIT HOURS 1.0

DESCRIPTION The objective of this course is to train students to be peer leaders. Peer leaders will learn to lead a group of students by focusing on communication, group dynamics, motivation, learning styles and other issues to help participants actively engage students with course material. Students in the course will examine the practical and theoretical aspects of workshop leadership.

CHEM 3680 Readings in Chemistry

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of the instructor

DESCRIPTION Reading of the Chemical Literature. Readings and discussion on selected topics.

CHEM 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

CHEM 4000 Fundamentals of Chemical Analysis-CTW

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 with grade of C or higher, MATH 2212 with grade of D or higher, and an undergraduate GPA of 2.2 or higher

DESCRIPTION Two lecture and four laboratory hours a week. Chemical equilibria of acid-base systems, metal ion complexes and solubility, and their relationship to chemical analysis; use of manual and semi-automatic methods of data collection. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all chemistry majors and may not be transferred in.

CHEM 4001 Problem Solving in Analytical Chemistry

CREDIT HOURS 2.0

DESCRIPTION Two lecture hours a week. Concurrent enrollment in CHEM 4000 required. Emphasis on solving assigned problems and review of lecture material. This course does not count toward a B.S. Degree in Chemistry.

CHEM 4010 Instrumental Methods I: Chromatography

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 with grade of C or higher

COREQUISITES CHEM 4110

DESCRIPTION Two lecture and three laboratory hours a week. Modern methods, e.g., gas, liquid, thin layer, column, and ion exclusion chromatographic techniques, used to demonstrate the principles of chromatography.

CHEM 4015 Separation in Biosciences

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 and CHEM 4010 with grades of C or higher, or equivalent

DESCRIPTION Two lecture and three laboratory hours a week. Analytical chemistry applications of electrophoresis, gel chromatography precipitation, and ultracentrifugation to molecular recognition and separations in biological systems.

CHEM 4050 Introduction to Fourier-Transform NMR Spectroscopy

CREDIT HOURS 2.0

PREREQUISITES demonstrated research need and approval of the department chair

DESCRIPTION Introduction to techniques of Fourier-Transform Nuclear Magnetic Resonance Spectroscopy.

CHEM 4100 Chemical Literature

CREDIT HOURS 3.0

PREREQUISITES CHEM 3110 with grade of C or higher, or equivalent, and consent of instructor

DESCRIPTION Introduction to the chemical literature. Emphasis on literature searching via database services.

CHEM 4110 Physical Chemistry I

CREDIT HOURS 3.0

PREREQUISITES CHEM 1212K and PHYS 2212K with grade of C or higher MATH 2212 with grade of C or higher, and an undergraduate GPA of 2.2 or higher

DESCRIPTION Three lecture hours a week. Principles of thermodynamics, transport and kinetics and how they serve as a basis for interpreting and interrelating the properties of matter.

CHEM 4111 Physical Chemistry Problems I

CREDIT HOURS 2.0

COREQUISITES concurrent registration in CHEM 4110

DESCRIPTION Two lecture hours per week. This course is designed to assist students in acquiring problem solving skills in Physical Chemistry I. This course does not count toward graduation.

CHEM 4120 Physical Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 4110 with grade of C or higher

DESCRIPTION Principles of quantum and statistical mechanics, and how they serve as a basis for interpreting and interrelating the properties of matter.

CHEM 4121 Physical Chemistry Problems II

CREDIT HOURS 2.0

COREQUISITES concurrent registration in CHEM 4120

DESCRIPTION Two lecture hours per week. This course is designed to assist students in acquiring problem-solving skills in Physical Chemistry II. This course does not count toward graduation.

CHEM 4150 Introduction to Biophysical Chemistry

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or equivalent with a grade of C or higher or equivalent

DESCRIPTION Applied physical chemistry to biological systems. Elements of thermodynamics, kinetics, hydrodynamics, and spectroscopy are used to characterize biomacromolecules and their interactions with ligands. Acceptable for credit toward a BS degree in Chemistry in the Biochemistry concentration.

CHEM 4160 Chemistry Laboratory IVA-CTW

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000, CHEM 4110, CHEM 4330, CHEM 4600 or equivalent with a grade of C or higher and consent of the instructor

DESCRIPTION The instructor may waive (a) course prerequisite(s). Concurrent enrollment in CHEM 4160 and CHEM 4170 is not allowed. Advanced laboratory problems; independent research. Laboratory and prior selection of special problems to be arranged. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all chemistry majors.

CHEM 4170 Chemical Laboratory IVB

CREDIT HOURS 4.0

PREREQUISITES CHEM 4000 and CHEM 4110 with grades of C or higher, and prior selection of special problems

DESCRIPTION Concurrent enrollment in CHEM 4160 and CHEM 4170 is not allowed. Laboratory to be arranged. Advanced laboratory problems; independent research.

CHEM 4190 Instrumental Methods III: Spectroscopy

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 and CHEM 4120 with grades of C or higher

DESCRIPTION Two lecture and three laboratory hours a week. Modern spectroscopic techniques and their application to chemical problems, with the results of quantum mechanics used as a guide in the analysis of spectra.

CHEM 4210 Inorganic Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 4120 with grade of C or higher

DESCRIPTION Periodic relationship of the elements and their compounds, including those less commonly encountered. Bonding, reaction and mechanisms, complexes, and stereochemistry are among the topics discussed.

CHEM 4220 Biometallochemistry

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 3410) and one semester of biochemistry (CHEM 4600) with grades of C or higher

DESCRIPTION An exploration of the structural and functional use of metals in biological systems including metalloproteins and metallocomplex interaction with nucleic acids. (This course cannot substitute for CHEM 4210.).

CHEM 4230 Metals in Biology and Medicine

CREDIT HOURS 5.0

PREREQUISITES CHEM 4600 (Biochemistry I) or equivalent with a grade of C or better

DESCRIPTION Metal ions play critical roles in over one third of all enzymes. They are involved in oxygen activation and a number of important biosynthetic pathways. Moreover, metal ions control many diseases. This course is an overview of the roles of metals in biology and medicine, focusing on the metal-binding ability of proteins and nucleic acids and their relations to various disease states. Our emphasis will be on the mechanism of metal-dependent enzymes. Important topics include oxygen activation by metal ions, the production of reactive oxygen species (ROS) in biological systems, metal uptake and toxicity, metal-assisted amino acid radical productions, metals in medicine, and biomineralization. An overview of bioinformatics and the key instrumental methods used in bioinorganic chemistry will also be covered.

CHEM 4330 Advanced Synthesis

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 3410) with laboratory (CHEM 3110) with grades of C or higher

DESCRIPTION Two lecture and four laboratory hours a week. Synthesis and characterization of inorganic and organic compounds by modern methodology.

CHEM 4370 Polymer Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 and CHEM 4110 with grades of C or higher, or equivalent

DESCRIPTION Introduction to polymer synthesis, properties, and characterization. Topics include: reaction mechanisms, molecular weight determination, thermodynamics and chain statistics, rubber elasticity, and transport properties of dilute polymer solutions.

CHEM 4400 Mechanistic Organic Chemistry

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 3410) with grade of C or higher

DESCRIPTION Experimental approaches to determining the mechanisms of chemical reactions in organic chemistry.

CHEM 4410 Bioorganic Chemistry

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 3410) or a course in biochemistry with grade of C or higher

DESCRIPTION Strategies for designing pharmaceutical agents to inhibit enzymes. This is a writing intensive course.

CHEM 4420 Drug Discovery: Theory and Practice

CREDIT HOURS 3.0

PREREQUISITES CHEM 2400 and CHEM 3410 with grades of C or higher, or consent of the instructor

DESCRIPTION Three lecture hours a week. Study of the principles of drug design, drug design methods, and tools commonly used in the pharmaceutical industry, and general strategies and common pitfalls in drug discovery.

CHEM 4430 Advanced Synthesis & Mechanism in Organic Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 (Organic Chemistry II) with grade of B or higher and consent of instructor

DESCRIPTION This course focuses on advanced synthetic methodologies and reactions mechanisms.

CHEM 4450 Molecular Modeling Methods

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 and CHEM 4110 with grades of C or higher, or equivalent coursework, and consent of instructor

DESCRIPTION Molecular mechanics/dynamics methods to solve structural problems in organic, bioorganic, and biophysical chemistry. May be repeated if topics are different.

CHEM 4460 Modern Synthetic Methods and Their Applications in Biomedical Sciences

CREDIT HOURS 3.0

DESCRIPTION Prerequisites minimum grades of B in both CHEM 4400/6400 and CHEM 4430/6430 or consent of instructor. This course will introduce the most widely used modern synthetic chemistry methods (developed in recent 10 years) and their applications in biomedical sciences to higher level undergraduates (chemistry major) and entry-level graduate students. The main purpose of this course is to build a bridge between classic Advanced Organic Chemistry knowledge and cotemporary research of synthetic chemistry, bioorganic chemistry, medicinal chemistry and chemical biology.

CHEM 4490 Special Topics in Organic Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 with grade of C or higher, or equivalent

DESCRIPTION Advanced topics in organic chemistry as may fit the needs and interests of the students and faculty. Such topics might be stereoisomerism, heterocycles, alkaloids, organic mechanisms, and structure-activity relationships. May be repeated if topics are different.

CHEM 4590 Special Topics in Physical Chemistry

CREDIT HOURS 3.0

PREREQUISITES CHEM 4120 with grade of C or higher, or equivalent

DESCRIPTION Advanced topics in physical chemistry as may fit the needs and interests of the students and faculty. Such topics might be chemical kinetics, statistical mechanics, quantum mechanics, molecular spectra, phase equilibrium. May be repeated if topics are different.

CHEM 4600 Biochemistry I

CREDIT HOURS 5.0

PREREQUISITES CHEM 3410 with grade of C or higher

DESCRIPTION Five lecture hours a week. Introduction to biochemical phenomena: proteins, enzymes, vitamins, carbohydrates, lipids, nucleic acids, DNA, RNA, and metabolism.

CHEM 4610 Biochemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 4600 with grade of C or higher

DESCRIPTION Three lecture hours a week. In-depth coverage of biochemical phenomena: proteins, enzymes, vitamins, carbohydrates, lipids, nucleic acids, DNA, RNA, and metabolism.

CHEM 4630 Enzymology

CREDIT HOURS 3.0

PREREQUISITES one year of organic chemistry (CHEM 3410) and one semester of biochemistry (CHEM 4600) with grades of C or higher

DESCRIPTION (Same as BIOL 4630.) Introduction to enzyme catalysis, with emphasis on the general concepts of enzyme kinetics and the common tools for studying enzymes.

CHEM 4640 Fundamentals of Bioinformatics

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher, or written approval of instructor

DESCRIPTION (Same as BIOL 4640 and CSC 4640.) Four lecture hours per week. A "hands-on" approach to bioinformatics usings PCs, the internet, and computer graphics to analyze, correlate, and extract information from biological databases, emphasizing sequence and structure databases for proteins and nucleic acids, and introducing the computing skills necessary for bioinformatics. Topics include: sequences and three-dimensional structures of proteins and nucleic acids, the major databases, algorithms for sequence comparison, data mining, and prediction of structure and function.

CHEM 4650 Nucleic Acid Synthesis and Drug Design

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 (Organic Chemistry II) with grade of C or higher and consent of instructor

DESCRIPTION Lectures on nucleic acid synthesis, mechanism, therapeutics, and detection. Course may be repeated.

CHEM 4670 Principles and Techniques of Practical Biochemistry

CREDIT HOURS 3.0

PREREQUISITES One semester of biochemistry (CHEM 4600/6600) with grade of B or higher, or equivalent

DESCRIPTION Cross listed with BIOL 4670. A comprehensive and integrated review of principles and modern techniques found in day-to-day biochemical research laboratories. Topics include, but are not limited to: general principles of biochemical investigations, molecular biology and basic techniques, molecular cloning and gene analysis, protein structure, purification and characterization, biomolecular interactions, basic enzyme analysis, spectroscopic techniques, mass spectrometric techniques, centrifugation, electrophoretic, chromatographic, radioisotope and electrochemical techniques.

CHEM 4780 Biomolecular Simulations

CREDIT HOURS 3.0

PREREQUISITES CHEM 3410 and CHEM 4120 or equivalents with grades of C or higher, or consent of instructor

DESCRIPTION (Same as CHEM 4780.) This is an introductory self-contained course on the application of molecular dynamics and related methodologies by which student with a relatively limited background in chemistry, biology, and computer literacy can learn the fundamentals of research in these areas. In this course, students will learn to do computer calculations that quantify biomolecular interaction concepts discussed in lectures in biology, biochemistry, and biophysics.

CHEM 4800 Advanced Analytical Chemistry

CREDIT HOURS 3.0

COREQUISITES CHEM 4110

DESCRIPTION Advanced theories and methods of analytical chemistry. May be repeated if topics are different.

CHEM 4820 Analytical Laboratory

CREDIT HOURS 2.0

PREREQUISITES CHEM 4000 with grade of C or higher, or equivalent

DESCRIPTION One lecture and three laboratory hours a week. Fundamental principles of analytical chemistry as they apply to modern analytical problems.

CHEM 4850 Bioanalytical Chemistry I

CREDIT HOURS 3.0

PREREQUISITES CHEM 4000 and CHEM 4190 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Basic concepts of analytical chemistry as applied to biologically-oriented problems.

CHEM 4860 Bioanalytical Chemistry II

CREDIT HOURS 3.0

PREREQUISITES CHEM 4850 with grade of C or higher, or consent of instructor

DESCRIPTION Basic principles underlying instrumentation, automation, and laboratory computers used in solving bioanalysis problems.

CHEM 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

CHEM 4871 Electrochemical Methods

CREDIT HOURS 3.0

PREREQUISITES CHEM 4110 with grade of C or higher, or equivalent

DESCRIPTION Three lecture hours a week. Fundamentals of electrochemistry and application to chemical problems. Special emphasis on electrode reaction mechanisms and interpretation of electrochemical results for organic, inorganic, and biological systems.

CHEM 4875 Writing in Chemistry

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of the instructor

DESCRIPTION Writing on modern topics in chemistry. May be taken more than once, but for a total of no more than 6 credits.

CHEM 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES CHEM 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

CHEM 4900 Advanced Research Methods

CREDIT HOURS 2.0

DESCRIPTION Concurrent enrollment in CHEM 4160, CHEM 4170, CHEM 4870, CHEM 4880, or CHEM 4950 required. Two lecture hours a week. Student learning of interdisciplinary experimental strategies and laboratory procedures in chemistry.

CHEM 4905 Theme-Based Chemistry Laboratory

CREDIT HOURS 2.0

PREREQUISITES BIOL 3810 with grade of C or higher

DESCRIPTION Students will work in small groups to develop specific biological or chemical hypotheses, design and carry out experiments to test these hypotheses, and analyze the results they obtain. Topics will vary.

CHEM 4940 Seminar in Chemistry

CREDIT HOURS 1.0

PREREQUISITES consent of department

DESCRIPTION Discussion of current research areas in chemistry.

CHEM 4950 Chemical Research

CREDIT HOURS 1.0 TO 5.0

PREREQUISITES prior approval of a written program or the proposed work

DESCRIPTION No more than five credit hours. It is normally assumed that this research will span more than one semester. This course may include a Signature Experience component.

CHEM 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

CHIN CHINESE

CHIN 1001 Elementary Chinese I

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in modern spoken Mandarin Chinese. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Chinese.

CHIN 1002 Elementary Chinese II

CREDIT HOURS 3.0

PREREQUISITES CHIN 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic communication skills in modern spoken Mandarin Chinese. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Chinese.

CHIN 2001 Intermediate Chinese I

CREDIT HOURS 3.0

PREREQUISITES CHIN 1002 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of communicative skills in Mandarin Chinese. Further work with the writing system; reading of simple texts; and intermediate grammatical structures.

CHIN 2002 Intermediate Chinese II

CREDIT HOURS 3.0

PREREQUISITES CHIN 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of communicative skills in Mandarin Chinese. Further work with the writing system; reading of simple texts; and intermediate grammatical structures.

CHIN 3001 Advanced Chinese I

CREDIT HOURS 3.0

PREREQUISITES Grade C or higher in CHIN 2002 Intermediate Chinese II, or permitted by course instructor

DESCRIPTION This course is not open to native speakers of Chinese. For heritage learners, please contact your instructor for eligibility. This course is designed for students who have successfully completed two years of Chinese classes at Georgia State University and plan to further develop their Chinese language proficiency and cultural competence. Adopting an integrated approach, this course will gradually develop and refine student's oral and written proficiency at discourse level. Meanwhile, listening and reading skills at more advanced level will also be part of the course foci. Students will continue to build their pragmatic competence in dealing with professional and everyday situations. Strategies in acquiring more advanced language and cultural competence will also be discussed and practiced throughout the semester.

CHIN 3002 Advanced Chinese II

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in CHIN 3001 Advanced Chinese I, or permission by course instructor

DESCRIPTION This course is not open to native speakers of Chinese. For heritage learners, please contact your instructor for eligibility. This course is designed for students who have successfully completed CHIN 3001 Advanced Chinese at Georgia State University. A major task of this course is to develop and strengthen students' ability to perform the essential language skills (listening, speaking, reading, and writing) at discourse level. Another important task is to help students to build their language competence in dealing with a wider range of topics beyond daily situations (e.g., history, tourism, education). Strategies for acquiring those more advanced language skills will also be discussed and practiced throughout the semester. This course is not open to native speakers of Chinese. For heritage learners, please contact your instructor for eligibility.

CHIN 3080 Topics in Chinese studies

CREDIT HOURS 3.0

DESCRIPTION This course surveys key aspects of Chinese culture and society pertaining to literature, arts, education, philosophy, religion, language, etc. Organized around thematic topics, this course aims to promote students' cultural understanding with regard to China. Lectures will be accompanied with in-depth reading and discussions of primary texts selected from the classics of various fields (e.g., literature, religion, philosophy), with the goal of helping students to better understand and appreciate the continuity and diversity of Chinese civilization. Course may be repeated for credit when topics vary. Global Perspectives Course.

CHIN 3081 Cultural Dimensions of Language Learning

CREDIT HOURS 3.0

PREREQUISITES Completion of at least three semesters (through 2001 or above) of Chinese or another Asian language (e.g., Japanese or Korean) with a grade of C or higher, or consent of instructor

DESCRIPTION This course familiarizes students of Chinese and Asian Studies with theories of language acquisition that apply specifically to Asian languages. Students will gain experience in using methodologies of second language (L2) acquisition in analyzing and assessing cultural competence. This course will count toward credit in the Asian Studies program. Taught in English. Global Perspectives Course.

CHIN 3395 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION (Appropriate placement is done at the foreign university). Chinese language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component.

CHIN 3396 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION (Appropriate placement is done at the foreign university). Chinese language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

CHIN 3397 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION (Appropriate placement is done at the foreign university). Chinese language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

CHIN 4011 Chinese for Internal Business I

CREDIT HOURS 3.0

PREREQUISITES Grade C or higher in CHIN 3002 Advanced Chinese II, or instructor s permission

DESCRIPTION This course is designed to develop and consolidate students advanced-level Chinese proficiency and to prepare students for their future encounters with Chinese business professionals. A variety of topics related to China s business world will be discussed, such as stock market, real estate market, marketing, business administration, foreign exchange market, and international trade.

CHIN 4012 Chinese for International Business II

CREDIT HOURS 3.0

PREREQUISITES Grade C or higher in CHIN 4011 Chinese for International Business I, or instructor s permission

DESCRIPTION This course builds on CHIN 4011. It aims to prepare students for their future business communication conducted in Chinese by expanding their linguistic repertoire as well as cultural knowledge in the business realm. The course will discuss the following topics: transnational operations, ownership and modes of operation, economic recession and inflation, taxation, and intellectual property.

CHIN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

CLAS 2201 Greek Drama

CREDIT HOURS 3.0

DESCRIPTION May be repeated for credit if topic varies. Topics in Greek drama, e.g., tragedy by Aeschylus, Sophocles, and Euripides or comedy by Aristophanes and Menander.

CLAS 2202 Classical Epic

CREDIT HOURS 3.0

DESCRIPTION Iliad and Odyssey of Homer; Epic of Gilgamesh.

CLAS 2203 Greek and Roman Mythology

CREDIT HOURS 3.0

DESCRIPTION Classical mythology and its relation to literature and art.

CSD 4320 Introduction to Language Disorders

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to language disorders across the life span. Emphasis is placed on describing the characteristics and causes of language disorders in children and adults. General procedures for assessing language disorders and principles of remediation are described. (Laboratory participation required).

CSD 4360 Anatomy and Physiology for Communication

CREDIT HOURS 3.0

DESCRIPTION This course is designed to examine the anatomy and physiology of the speech and hearing mechanisms and to provide an overview of the nervous system as related to speech, language, and hearing. The course prepares students for further course work in communication disorders.

CSD 4480 Introduction to Hearing Science and Disorders

CREDIT HOURS 3.0

DESCRIPTION This course introduces students to hearing science and audiology. Students examine acoustics, anatomy and physiology, and disorders of the auditory system. Attention is given to the administration and interpretation of pure tone and speech audiometry.

CSD 4490 Introduction to Audiologic Rehabilitation

CREDIT HOURS 3.0

PREREQUISITES CSD 4480 with a minimum grade of "C" or consent of instructor

DESCRIPTION This course introduces students to the rehabilitation of children and adults with hearing impairment. Emphasis is placed on the effects of hearing loss, the function, selection, and maintenance of amplification systems, and the design and implementation of individualized intervention programs.

CIS 2010 Introduction to Computer based Information Systems

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS CSP 1

DESCRIPTION This course provides an introduction to computer and information systems concepts, including hardware, software, databases, data communications, and business applications. The student is introduced to methods of determining user requirements and developing application systems using databases and fourth generation languages.

CIS 3001 Managing Information Technology Projects

CREDIT HOURS 3.0

PREREQUISITES CIS 2010: (CIS 3260 with B- or better)or permission of the instructor, 2.5 GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6

DESCRIPTION This course examines the defining characteristics of IT projects, especially involving the development of software intensive systems, and introduces the student to a variety of project management techniques that can be applied in an IT project context. This course provides an introduction to the disciplined approaches to IT project management. While IT projects are similar in some ways to other types of projects, they pose unique challenges for the managers and organizations that undertake them. This course will give students an understanding of the most common processes, tools, techniques, and theories that are necessary to manage IT projects. Managing IT projects that follow both plan driven traditional development methods as well as agile methods will be covered.

CIS 3210 End User Applications Programming

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7

DESCRIPTION This course provides an introduction to the assisting of end users of computer systems in developing their own special purpose applications. The emphasis in the course is on acquiring programming skills in one fourth-generation language and one interactive third-generation language. These skills are required in order to develop the technical capability to assist end users. Topics covered include end user computing versus traditional systems development; Rapid Application Development; Prototyping.

CIS 3215 Intermediate Visual Programming

CREDIT HOURS 3.0

PREREQUISITES CIS 3210

DESCRIPTION This course builds upon the skills and knowledge developed in CIS 3210. Emphasis is placed upon development in a visual environment. Major topics include object oriented concepts, database linkages, graphics, and developing applications for the Internet. User interface design, code optimization and help file creation are covered. Students use state of the art development tools and design methods to implement applications that run on a standalone PC, a network, and the Internet.

CIS 3260 Introduction to Programming

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7

DESCRIPTION This course provides an introduction to programming using a contemporary object-oriented language. Emphasis is placed upon the development of correct, efficient programs that are easy to maintain. Topics include problem analysis, program design, documentation, testing and debugging. Basic features of the programming language are covered. The specific language will be noted in the course listing for each semester.

CIS 3270 Internet Programming with Java

CREDIT HOURS 3.0

PREREQUISITES CIS 3260

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course builds upon the student's foundation of programming principles through the introduction of application programming. Major areas covered include operating system dependent versus operating system independent, Internet, phone, or web service applications. Focus is on object-oriented programming as it relates to embedded or service-based applications, as well as on best coding practices. Students implement applets and develop a working prototype of Internet programs. The specific language will be noted in the course listing for each semester.

CIS 3300 Systems Analysis

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 or permission of instructor

COREQUISITES CIS 3260 or permission of instructor

REQUIREMENTS 2.5 GSU GPA

DESCRIPTION Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7. This course provides an introduction to the analysis and logical design of computer based information systems. Emphasis is placed upon the development of requirements specifications that serve the business needs of the organization and provide the necessary base for subsequent systems development. Both data oriented and process oriented approaches are covered.

CIS 3310 Systems Design

CREDIT HOURS 3.0

PREREQUISITES CIS 3300 and CIS 3270 or CIS 3215 and BCOM 3950

DESCRIPTION This course builds upon the skills and knowledge developed in CIS 3300. Emphasis is placed upon the design and development of information systems, including the software and databases that are needed to support the business needs of the organization. Object oriented design and the transition to object oriented programming are covered. These methods are discussed in the context of managing a systems development project, including issues such as project estimation and project management techniques, software quality assurance, and configuration management.

CIS 3320 Telecommunications for Business

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 4, 7

DESCRIPTION This course introduces the subject of computer networks and the use of computer networks in business applications. Topics covered include client server networks, network hardware and software, distributed computing, key issues in network management, and the fundamentals of data communications.

CIS 3730 Database Management Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 2010; (CIS 3260 with B- or better) or permission of the instructor) and MGS 3100. 2.5 GSU GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP: 1, 4, 7

DESCRIPTION This course provides an introduction to the management of database systems. Major emphasis is placed on understanding the various database management functions and providing database support for the organization. Topics include types of data models and database management systems, data definition and manipulation, administration of database systems, and the management of databases, including database security, error recovery, concurrency control, and distributed database systems.

CIS 4000 Introduction to Computer Forensics

CREDIT HOURS 3.0

PREREQUISITES CIS 2010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course introduces students to the collection, preservation, presentation and preparation of computer based evidence for the purposes of criminal law enforcement or civil litigation. These activities define the central roles of computer forensic practitioners involved in investigating computer crime scenes and torts involving computers. Students will be prepared to assist in the formulation and implementation of organizational computer forensics preparedness policies, to determine the necessity for forensic procedures, extend governance processes to allow for proper future forensic investigations, and to be contributing members of computer forensics investigation teams.

CIS 4120 Defining and Innovating Business Processes

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 and CIS 3260 with B- or better or permission of the instructor; 2.5 GPA

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3, 4, 5, 6, 7

DESCRIPTION CIS 4120 examines how an organization's business processes and the services they provide can be improved, innovated and enabled by information technology. The course begins by defining business services, their associated processes and metrics, and then proceeds to how processes are discovered and modeled for purposes of improvement, innovation and IT-enablement using a standardized modeling approach (BPMN). Additional topics include business rules and object models. The course finishes with an examination of problems related to organizational implementation. As part of the course, students work on a real-world, process-related project to identify and model a business process, assess improvement and innovation potential, and to propose improvements to these processes.

CIS 4140 Implementing IT-Enabled Business Processes

CREDIT HOURS 3.0

PREREQUISITES CIS 4120 and CIS 3730

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3, 4, 5, 6, 7

DESCRIPTION The three objectives of this course are for students to: (1) implement a business process directly from a business process model using professional business process management software suite (BPMS); (2) develop and deploy the associated process interfaces with users, object model and application software (where required) and; (3) develop the knowledge and skills necessary to initially implement, then continuously evaluate, manage and improve the resulting business process.

CIS 4190 IT Enabling the Real-time Organization

CREDIT HOURS 3.0

PREREQUISITES CIS 4120

REQUIREMENTS CSP 1, 2, 3, 4, 5, 6, 7, and 8

DESCRIPTION The course leads students to examine events diverse as a door opening, a re-stocking, a ship stating position or a click unfriending event on Facebook. Each is translated into actionable results for an organzation. We introduce event-sourcing, event-processing, technologies and tools that provide a foundation for enabling real-time, sense-and-respond organizations. Related concepts and technologies of Business Intelligence (BI) or Enterprise Architecture (EA) are considered complimentary to real-time, sense and respond processing. The real-time organization examines and evaluates events as they occur, within and beyond the enterprise, looking for pre-defined patterns that shouldn t occur but do, or do occur (but shouldn t). And take action based on these.

CIS 4320 Advances in Networking

CREDIT HOURS 3.0

PREREQUISITES CIS 3320

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course builds upon the skills and knowledge developed in CIS 3320. Emphasis is placed on the high speed computer and telecommunications networks. The course includes both wire line and wireless technologies for designing, implementing, managing, and using broadband networks. Major topics include communications media, switching, and networking requirements of broadband networks, design of broadband networks, regulatory and management issues, and application of broadband networks.

CIS 4389 Directed Readings in Information Systems

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

CIS 4420 Knowledge Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 3260

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course covers the development and use of knowledge intensive systems in business applications. Techniques to support knowledge intensive business processes and exploit the vast amount of data available, especially in the Internet age, are explored. Students are exposed to several knowledge based development environments for the construction of knowledge intensive applications. Several knowledge intensive systems are studied for insight into their motivation, construction, and use.

CIS 4620 Management of Information Services

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7

DESCRIPTION This course addresses the many management issues unique to the information services function within organizations. Coverage includes information systems planning, managing the information system infrastructure, justifying the information technology investments, the costing of services and networks, evaluating information system performance, alternative information system delivery modes, managing distributed and end user computing project and operations management, systems security, and the management of information system professionals..

CIS 4680 Introduction to Information Security and Privacy

CREDIT HOURS 3.0

PREREQUISITES CIS 2010 and instructor consent

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course is designed to develop knowledge and skills for security of information and information systems within organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet facing networks. The course overviews critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security. It introduces the associated issues of ethical uses of information and privacy considerations.

CIS 4700 Computer Information Systems

CREDIT HOURS 3.0

PREREQUISITES CIS 3001

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course focuses on advanced IT project management concepts, with particular emphasis on managing vendors, contracts, and IT project risk. The special management challenges associated with outsourced and off-shored projects are examined, along with the specific skills required to successfully manage these types of projects. Coverage will include contract law and the different contract options available, as well as the portfolio of control mechanisms that can be employed to help manage such projects. Concepts and techniques for controlling software projects and dealing with schedule and other project risks will be introduced, including Monte Carlo analysis, Earned Value Analysis, and a variety of risk assessment tools and risk mitigation approaches.

CIS 4850 Software Development Environments

CREDIT HOURS 3.0

PREREQUISITES Varies depending on topic

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course provides an opportunity for the student to gain experience with one of several widely used software development platforms. A "software development platform" typically includes a programming language, a database system, and an operating system. The specific platform covered will vary from semester to semester as will the associated course prerequisites.

CIS 4970 Field Study in Computer Information Systems

CREDIT HOURS 3.0

PREREQUISITES Senior class standing

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7

DESCRIPTION This course is designed to provide the senior level student an opportunity to assist with the planning and implementation of computing technologies in an approved on campus site. Students may perform information systems trainer/ consultant and/or end user support duties. Students will meet periodically with a mentoring instructor to discuss problems and issues relevant to the area of implementing computer information systems. Compensation may or may not be granted for the internship/practicum. This course is one of two alternatives and the second designated Critical Thinking through Writing (CTW) course for students pursuing a BBA degree in CIS. This course may include a Signature Experience component.

CIS 4980 System Development Projects-CTW

CREDIT HOURS 3.0

PREREQUISITES CIS 3001 and CIS 3300 and CIS 3730 and CIS 3260 (at B- or better), GPA 2.5, and 15 semester hours of CIS 3000 /4000-level courses

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION This course satisfies critical thinking through writing requirements. This course provides the student with an opportunity to apply the knowledge and skills acquired in the core courses to larger and more complex problems and to gain experience in working as part of a team. This course is available only to BBA CIS majors at Georgia State University. It may require students to meet with clients during normal business hours. This course is the designated Critical Thinking through Writing (CTW) course for students pursuing a BBA degree in Computer Information Systems.

CSC COMPUTER SCIENCE

CSC 1010 Computers and Applications

CREDIT HOURS 3.0

PREREQUISITES high school Algebra II

DESCRIPTION History of computers, hardware components, operating systems, application software, data communication.

CSC 2010 An introduction to the discipline of computer science

CREDIT HOURS 3.0

PREREQUISITES Major in Computer Science, Mathematics & Statistics, or Physics

DESCRIPTION An introduction to the discipline of computer science. Computer programming is the primary focus of the course, with secondary focus on a breadth of computer science topics. These topics include algorithmic foundations, hardware concepts, virtual machine concepts, software systems, applications, and social issues.

CSC 2301 Computer Programming for Non-Majors

CREDIT HOURS 3.0

DESCRIPTION This class introduces students to computer programming. No prior programming experience is required. The class emphasizes design principles (e.g., pseudocode, stepwise refinement, object-oriented design as well as the syntax and semantics of an appropriate language. This class is for non-majors interested in obtaining some fundamental computer programming skills.

CSC 2302 Computer Programming II for Non-Majors

CREDIT HOURS 3.0

PREREQUISITES CSC 2301 with a grade of "C" or better

DESCRIPTION This course is the second of a two-course sequence that introduces advanced computer programming. Topics include: Object-Oriented Programming, Recursion, Graphical User Interface (GUI) development, database development, and Internet and distributed computing.

CSC 2310 Principles of Computer Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 2010 with grade of C or higher

DESCRIPTION Fundamental principles of computer programming. Expressions, procedures, variable types, data, input/output. Emphasis on structure and clarity as well as correctness.

CSC 2320 Fundamentals of Website Development

CREDIT HOURS 3.0

PREREQUISITES familiarity with basic programming language concepts

DESCRIPTION This course provides a foundation for developing dynamic websites and web applications. The first part covers the front-end aspects of web development: creating, designing, and publishing content using HTML, CSS, and JavaScript. The second covers the back-end aspects: using programming languages to generate, manipulate, and manage content (CGI, cookies, server-side scripting), and accessing a database using SQL for common website tasks (forms, user registration). While this course covers web development concepts that are applicable to most popular platforms, it is significantly hands-on. A major component is a final project involving implementing a dynamic website.

CSC 2510 Theoretical Foundations of Computer Science

CREDIT HOURS 3.0

PREREQUISITES CSC 2010 and (MATH 1112 or MATH 1113 or MATH 2211) with grade C or higher

DESCRIPTION This course covers the basic theoretical foundations required to study various sub-disciplines in computer science. Topics include: propositional and predicate logic with applications to logic programming, database querying, and program verification; induction and its application in proving correctness and termination of programs; recurrence relations, combinatorics, and graph theory with applications to analysis of algorithms; sets, relations, and functions and their applications in databases, functional programming, and automata.

CSC 3210 Computer Organization and Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 2310 and CSC 2510 or MATH 2420 with grades of C or higher

DESCRIPTION Computer structure and machine language, addressing techniques, macros, file I/O, program segmentation, and linkage.

CSC 3320 System-Level Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 2310 with grade of C or higher

DESCRIPTION An introduction to programming at the level of the operating system. Topics include editors, system calls, programming tools, files, processes, interprocess communication, and shells.

CSC 3330 C++ Programming

CREDIT HOURS 3.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Continuation of fundamental principles of computer programming. Topics covered include searching, sorting, and merging. Emphasis on structure and clarity as well as correctness.

CSC 3410 Data Structures-CTW

CREDIT HOURS 3.0

PREREQUISITES CSC 2310, MATH 2211, and CSC 2510 or MATH 2420 with grades of C or higher

DESCRIPTION Basic concepts and analysis of data representation and associated algorithms, including linearly-linked lists, multi-linked structures, trees, searching, and sorting. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all computer science majors.

CSC 4110 Introduction to Embedded Systems Laboratory

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION (Same as PHYS 4110.) Four lecture hours per week. Topics taken from: review of basic logic functions; automatic systems; microprocessor- based systems and applications; embedded system software survey; microprocessor-based applications; digital communications; and embedded systems programming.

CSC 4120 Introduction to Robotics

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 and MATH 3030 with grades of C or higher

DESCRIPTION The course focuses on programming robots. We will use robotic kits for the hardware, and program them using state-of-the-art languages, such as NQC.

CSC 4210 Computer Architecture

CREDIT HOURS 4.0

PREREQUISITES CSC 3210 with grade of C or higher

DESCRIPTION Logic design, combinatorial and sequential circuits, input-output devices, memory, processors, controllers, parallel architectures, bit-slicing, reduced instruction sets.

CSC 4220 Computer Networks

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 and MATH 3030 with grades of C or higher

DESCRIPTION Introduction to computer networks; details of layered network protocols with emphasis on functionality and analysis. Principles of relevant state-of-the-art network standards.

CSC 4221 Wireless Networks and Mobile Computing

CREDIT HOURS 4.0

PREREQUISITES CSC 4220 with grade of C or higher, or consent of instructor

DESCRIPTION Introduction to wireless communication networks and mobile computing. Topics include: wireless communications technology; communication protocols in wireless networks; representative network types such as cellular wireless networks, wireless LANs, wireless ad hoc networks and wireless sensor networks, and mobile communication systems.

CSC 4222 Introduction to Information Security

CREDIT HOURS 4.0

PREREQUISITES CSC 4220 with a grade of C or higher

DESCRIPTION This course provides an initial overview on the topic of Information Security. It covers the basics of encryption and decryption, program security including viruses and other malicious code, application security, security in operating systems, security in networks and distributed systems, different methods of administering security, and legal and ethical issues in computer security.

CSC 4225 Internetwork Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 4220 with grade of C or higher

DESCRIPTION This course provides students with an understanding of the Internet and details regarding the protocols used in the Internet. The students will also learn key components of network programming using the most widely-used application program interface, sockets. Topics to be covered include: Internet Protocol (IP), Transport Layer Protocol-Transmission Control Protocol (TCP), Transport Layer Protocol-User Datagram Protocol (UDP), and Unix/Linux Network Programming.

CSC 4260 Digital Image Processing

CREDIT HOURS 4.0

PREREQUISITES CSC 3410 with grade of C or higher

DESCRIPTION Fundamentals of image processing, including image digitization, description, enhancement, segmentation, image transforms, filtering, restoration, coding, and retrieval. Concepts are illustrated by laboratory sessions in which these techniques are applied to practical situations, including examples from industrial and biomedical image processing.

CSC 4270 Introduction to Digital Signal Processing

CREDIT HOURS 4.0

PREREQUISITES CSC 4210 with grade of C or higher

DESCRIPTION This course covers the nature of information, signals, transforms, and applications. Topics include analog to digital and digital to analog conversion, data storage (such as the audio format MP3), data transforms, and filters. Applications include noise reduction, signal analysis, volume control (e.g., audio signals), and compression. We will be using computer programs to handle mathematical modeling and calculations.

CSC 4310 Parallel and Distributed Computing

CREDIT HOURS 4.0

PREREQUISITES CSC 3210 and CSC 3320 with grades of C or higher

DESCRIPTION Introduction to various parallel and distributed computing paradigms, algorithms, architectures, programming environments, and tools. Hands-on programming on both shared-memory and message-passing parallel architectures.

CSC 4320 Operating Systems

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Introduction to operating systems concepts. Topics may include multiprogramming, resources allocation and management, and their implementation.

CSC 4330 Programming Language Concepts

CREDIT HOURS 4.0

PREREQUISITES CSC 3210 and CSC 3410 with grades of C or higher

DESCRIPTION Fundamental programming language concepts, including syntax versus semantics, binding time, scopes, and storage management.

CSC 4340 Introduction to Compilers

CREDIT HOURS 4.0

PREREQUISITES CSC 4330 with grade of C or higher

DESCRIPTION Survey of topics related to compiler design, including parsing, table processing, code generation, and optimization.

CSC 4350 Software Engineering-CTW

CREDIT HOURS 4.0

PREREQUISITES CSC 3410 with grade of C or higher

DESCRIPTION Techniques used in large scale scientific or technical software development, including requirements analysis, specification, systems design, implementation, testing, validation, verification, and maintenance. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all computer science majors.

CSC 4370 Web Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION The course introduces the student to programming techniques required to develop Web applications. Topics include: HTML forms, JavaScript, Servlets and Java Server Pages, PHP and MySQL, Web access to Oracle databases, and XML.

CSC 4380 Windowing Systems Programming

CREDIT HOURS 4.0

PREREQUISITES CSC 3320 with grade of C or higher

DESCRIPTION Development of application software within windowed environments. Concepts of programming including graphical user interfaces, event-driven architectures, and object- oriented language programming with an application programming interface.

CSC 4510 Automata

CREDIT HOURS 4.0

PREREQUISITES CSC 2510 with grade of C or higher

DESCRIPTION Theory of computing devices and the languages they recognize.

CSC 4520 Design and Analysis of Algorithms

CREDIT HOURS 4.0

PREREQUISITES CSC 3410 and MATH 3030 with grades of C or higher

DESCRIPTION Techniques for designing efficient algorithms; analysis of algorithms; lower bound arguments; algorithms for sorting, selection, graphs, and string matching.

CSC 4610 Numerical Analysis I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher and the ability to program in a high-level language

DESCRIPTION (Same as MATH 4610.) Nature of error; iteration; techniques for nonlinear systems; zeros of functions; interpolation; numerical differentiation; Newton-Cotes formulae for definite integrals; computer implementation of algorithms.

CSC 4620 Numerical Analysis II

CREDIT HOURS 3.0

PREREQUISITES MATH 3030 or MATH 3435 with grade of C or higher and the ability to program in a high-level language

DESCRIPTION (Same as MATH 4620.) Gaussian Elimination for linear systems; least squares; Taylor, predictor-corrector and Runge-Kutta methods for solving ordinary differential equations; boundary value problems; partial differential equations.

CSC 4630 Introduction to Matlab Programming

CREDIT HOURS 4.0

DESCRIPTION This course is designed to give science majors experience with the Matlab programming language. Matlab is used for scientific applications involving images, sound, and other signals. No previous programming experience is needed.

CSC 4650 Introduction to Bioinformatics

CREDIT HOURS 4.0

PREREQUISITES CSC 3410, BIOL 1103K, and CHEM 1211K with grades of C or higher

DESCRIPTION The explosion in biological knowledge due to various genome projects and other high-throughput techniques has created entirely new fields and industries, and a need for trained computational biologists who are familiar with Biology, Statistics, and Computer Science. This course will introduce principles underlying current techniques in the analysis of different kinds of biological data. Topics include: sequence alignment, database searching, microarrays, structure analysis, and phylogenetic tree algorithms.

CSC 4710 Database Systems

CREDIT HOURS 4.0

PREREQUISITES CSC 3410 with grade of C or higher

DESCRIPTION An introduction to the fundamental concepts and principles that underlie the relational model of data. Topics include formal query languages; SQL; query optimization; relational database design theory; physical database design, integrity, security, and concurrency control.

CSC 4720 Human-Computer Interaction

CREDIT HOURS 4.0

PREREQUISITES CSC 2310 with grade of C or higher

DESCRIPTION Techniques and methodologies for development of user interfaces in software systems; topics include interaction styles, interaction devices, user documentation, and interface assessment.

CSC 4730 Data Visualization

CREDIT HOURS 4.0

PREREQUISITES for computer science majors, CSC 2310 with grade of C or higher; for all other majors, consent of instructor

DESCRIPTION Data visualization is about displaying data in visual forms such as charts, diagrams, or 3D models. This course is targeted towards students who are interested in using data visualization in their work as well as those who are interested in developing visualization systems. Topics include the theoretical basis (e.g. Gestalt theory, visual attention, visual complexity theories), visualization techniques (e.g. interactive maps, time series charts, scatterplot maps, trees, networks, graphs, etc.), and visualization tools (e.g. Google Chart Tools, Processing). Students will learn basic visualization principles, how to choose the right kind of display for specific purposes, and how to provide interactive features for the user interface.

CSC 4740 Data Mining

CREDIT HOURS 4.0

PREREQUISITES CSC 3410 with grade of C or higher

DESCRIPTION Introduction to basic data mining techniques (such as association rules mining, cluster analysis, and classification methods) and their applications (such as Web data mining, biomedical data mining and security).

CSC 4810 Artificial Intelligence

CREDIT HOURS 4.0

PREREQUISITES CSC 3410 and CSC 4330 with grades of C or higher

DESCRIPTION An overview of techniques and methodologies in the field of artificial intelligence. Topics may include search strategies, problem solving, natural language processing, logic and deduction, memory models, learning, expert systems, knowledge representation, and robotics.

CSC 4820 Interactive Computer Graphics

CREDIT HOURS 4.0

PREREQUISITES CSC 2310 with grade of C or higher

DESCRIPTION This course covers interactive 3D computer graphics techniques such as geometry modeling, transformation, lighting, texture mapping, graphics processing unit, shader, and user interaction.

CSC 4821 Fundamentals of Game Design

CREDIT HOURS 4.0

PREREQUISITES CSC 2310 with grade of C or higher

DESCRIPTION Covers major aspects of game design such as challenges, gameplay, actions, core mechanics, worlds, characters, game balancing, user interfaces, and game genres.

CSC 4840 Computer Graphics Imaging

CREDIT HOURS 4.0

DESCRIPTION (Same as GRD 4840 and FILM 4840.) Study the theories, techniques and tools for creating 3D graphics content. Topics include 3D modeling, camera, lighting, materials, texture mapping, physics based modeling, basic animation, and rendering techniques (such as tracing and radiosity).

CSC 4841 Computer Animation

CREDIT HOURS 4.0

DESCRIPTION The basics of three-dimensional computer animation including 3D modeling, lighting, texture mapping, key framing, character animation, rigid and soft body dynamics, particles, cloth, hair, fluid, etc.

CSC 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

CSC 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES CSC 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

CSC 4920 Senior Project I

CREDIT HOURS 2.0

PREREQUISITES CSC 3320, CSC 4210, and CSC 4350 with grades of C or higher

DESCRIPTION Consent of instructor may override the prerequisites in special circumstances. This course is meant to be the first part of two senior project classes. Students who enroll in this class are expected to enroll in the second part the following semester. Students will work as a team on a project, including planning the project, assigning roles, creating a time-line, literature research, acquiring equipment, and hardware and/or software design.

CSC 4921 Senior Project II

CREDIT HOURS 2.0

PREREQUISITES CSC 4920 with grade of C or higher

DESCRIPTION CSC 4921 consists of finishing the project from CSC 4920, followed by testing, revision, improvements, and further documentation. At the end of the semester, the team will turn in a comprehensive report detailing the project, its progress, evaluation, results, interpretation of the results, and conclusions. This report may be twice the size of the previous semester's report, since it will likely include much of the first report. Also, the team is expected to explain and demonstrate the project.

CSC 4940 Computer Science Internship

CREDIT HOURS 1.0 TO 4.0

DESCRIPTION This course will require students to document and present the project they worked on during their internship. Students are able to register for the course at most 2 times for a maximum total of 4 credit hours to count towards their degree. This course may include a Signature Experience component.

CSC 4982 Undergraduate Research in Computer Science

CREDIT HOURS 3.0

PREREQUISITES at least 12 upper-division hours in computer science

DESCRIPTION Authorization required. Independent investigation of topics of common interest to student and instructor. This course may include a Signature Experience component.

CSC 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

CSC 4998 Selected Topics

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION No more than six credit hours may be applied toward the major. May be repeated if topics are different.

CPS 2500 Career Development and Life Planning

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to help students learn how to manage their career development and life planning, based on relevant theories, practice, and trends in economic, technology, and labor market development. Students obtain skills for career decision making and life planning, and adapting to the rapidly changing world of work. The goal is to facilitate personal fulfillment and satisfying interpersonal relationships through career and life planning, with special attention to multicultural issues in the world of work.

CPS 3200 Diversity and Human Relations

CREDIT HOURS 3.0

REQUIREMENTS Students pay a lab fee of $30.00

DESCRIPTION The purpose of this course it to provide students with an overview of human diversity and human relations, beginning with an examination of the nature of diversity and the roles of both genetics and culture. Attention is given to diversity issues -past, present, and future- that still need to be studied and confronted. This course will cover types of human diversity and how they are grouped, while studying their unique social, physical, intellectual and emotional attributes. This course will help students employ a multicultural perspective for examining human interaction and relations on many different levels. This course is fully online, with no course meetings. Global Perspectives Course. [course is not repeatable. Formerly numbered CPS 2200].

CPS 3300 Interpersonal Communication Skills

CREDIT HOURS 3.0

REQUIREMENTS Students pay a lab fee of $30.00

DESCRIPTION The purpose of this course is to provide students with an overview of interpersonal communication skills, including how these skills affect individuals and groups in society. Emphasis is on personal and interpersonal strategies for understanding, appreciating, and managing communication skills in personal and career relationships. It focuses on self disclosure, perceptions, spoken and unspoken communication, listening and responding strategies and problem-solving skills. A secondary benefit of this course is examining the many ways technology and online communication intersect with and become part of interpersonal communication as interactive technologies shrink the distance between people and their respective cultures. This course is full online, with no course meetings. [course is not repeatable. Formerly numbered CPS 2300].

CPS 3400 Career and Lifespan Development

CREDIT HOURS 3.0

REQUIREMENTS Students pay a lab fee of $30.00

DESCRIPTION The purpose of this course is to provide an overview of career and lifespan development theories and skills, and how students can employ those skills in their own career and lifespan development. The course will include how personal growth and life stages impact individuals and society, and in turn, their career choices. Emphasis is on understanding career and job choices now available, as well as personal strategies for career decision-making. This course is full online, with no course meetings. [course is not repeatable. Formerly numbered CPS 2400].

CRJU CRIMINAL JUSTICE

CRJU 1100 Introduction to Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION FOR CRIMINAL JUSTICE MAJORS ONLY. This course provides an overview of the American criminal justice system. Agencies and processes involved in law enforcement and courts as well as correctional approaches will be introduced.

CRJU 2200 Social Science and the American Crime Problem

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad theoretical and empirical overview of the American crime problem. Exploring crime from a social science perspective, the course develops a survey understanding of how the patterned influence of social institutions (family, government, schools), subcultures, and the psychology of everyday life come together to shape how society defines, organizes, and responds to crime.

CRJU 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

CRJU 3020 Research Methods in Criminal Justice

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an introduction to social science research methods as they apply to criminal justice and how to evaluate and conduct research in the study of crime and criminal justice problems. The course introduces students to the tools and vocabulary of the scientific method. Various data collection techniques used in criminological and criminal justice research are explored and critiqued both methodologically and ethically. Students will learn how to critically evaluate the quality of research products and their contribution to the fields of criminal justice and criminology, as well as to learn how to develop and test their own research problems.

CRJU 3030 Criminal Justice and Public Policy

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course is designed to introduce the student to the major concepts related to the development, implementation, and evaluation of public policy, particularly as it relates to the criminal justice system, including the history, development and operation of policing, courts/sentencing, corrections, crime prevention, offender rehabilitation, as well as issues related to drugs and crime and race and crime.

CRJU 3060 Ethical Issues in Criminal Justice (CTW)

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an examination of philosophical theories underlying ethics and how they relate to law enforcement, courts, corrections, law, criminal justice research, and principles of justice. This course is one of two Critical Thinking through Writing (CTW) courses that all Criminal Justice majors must successfully pass in order to graduate.

CRJU 3070 Race and the Criminal Justice System

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course will examine the relationship between race, crime, and the criminal justice system with particular attention given to theoretical issues in the literature involving race, gender, and social class; crime statistics; and bias in the criminal justice system related to arrests, prosecutions, sentencing, and incarceration. Public policy questions involving issues such as racial profiling, capital punishment, and War on Drugs also will be discussed. Cities Perspectives Course.

CRJU 3100 Introduction to Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION FOR NON-CRIMINAL JUSTICE MAJORS ONLY. This course provides an overview of the American criminal justice system. Agencies and processes involved in law enforcement and courts as well as correctional approaches will be introduced.

CRJU 3110 Policing in America

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an introductory overview of the history, role, organization, and problems affecting public law enforcement in the U.S.

CRJU 3210 Juvenile Offending

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an introduction to the definition, measurement, extent, and etiology of juvenile offending. The course will focus on our understanding of individual, social, and environmental factors that contribute to crime and delinquency. Trends in juvenile offending also will be addressed.

CRJU 3310 Corrections

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an introduction to the correctional process and interventions designed to prevent and control adult criminal behavior. The course also will address the philosophy and goals underlying correctional interventions, types of criminal sentencing, and penal sanctions including community-based corrections, institutional corrections, and parole.

CRJU 3350 Prisons and Jails

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course surveys the history and present status of correctional processing of adult offenders and the administration of adult correctional institutions in America.

CRJU 3410 Criminological Theory

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides a survey of criminological theory and practice, the nature and causation of crime, and the etiology and nature of criminal offenses and offenders.

CRJU 3610 Statistical Analyses in Criminal Justice

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an introduction to basic statistical tools used in generate information in the field of criminal justice. The course focuses on calculating a variety of univariate, bivariate, and inferential statistics. The appropriate uses and the meaning of these statistics will also be emphasized.

CRJU 3700 American Criminal Courts

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an overview of the judicial component of the criminal justice system, which focuses on the structure, role, jurisdiction, and operation of courts and the courtroom work group in the adjudicatory and appellate process at the local, state, and federal levels.

CRJU 3710 Policing and Individual Rights

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GSU GPA

DESCRIPTION This course examines the police role in maintaining social control while simultaneously protecting the rights of citizens. It provides an overview of the authority and restraints imposed on law enforcement by the federal Constitution and Supreme Court decisions, and the rights and responsibilities afforded to individuals. Specific attention will be given to the 1st, 4th, 5th, 6th, and 14th Amendments. Topics to be discussed include the arrests, searches and seizures, interviews and interrogations, identification procedures, and the right to counsel as well as remedies for constitutional violations.

CRJU 4010 Gender in Criminal Justice

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an examination of gender issues and the role they play in offending and criminal justice processing.

CRJU 4020 Criminal Justice Policy Analysis

CREDIT HOURS 3.0

PREREQUISITES Requires a 2.0 GPA

DESCRIPTION This course is designed to introduce the student to the major concepts related to the development, implementation, and evaluation of public policy, particularly as it relates to the criminal justice system, including the history, development and operation of policing, courts/sentencing, corrections, crime prevention, offender rehabilitation, as well as issues related to drugs and crime and race and crime.

CRJU 4040 Comparative Criminal Justice Systems

CREDIT HOURS 3.0

PREREQUISITES Requires a 2.0 GPA

DESCRIPTION This course provides an overview and analysis of criminal justice systems - police, courts, and corrections- in selected eastern and western nations. Global Perspectives Course.

CRJU 4070 Family Violence and Criminal Justice

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course examines how the criminal justice system responds to family violence. In addition to addressing causes and consequences of family violence, specific attention is given to various forms of family violence (child abuse, sibling abuse, partner violence, and elder abuse) as well as how the criminal justice system (police, courts, probation, corrections, and parole) responds to each of these types of violence. The types of policies used to prevent family violence and intervene in these cases are also examined.

CRJU 4080 Crime and the Media

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course explores the nature of media messages concerning crime and how media images impact both individual attitudes and public policy. Particular attention is focused on how race and gender are treated in the media. This course integrates readings, theory, media excerpts, and classroom discussions to investigate crime in the media.

CRJU 4110 Criminal Investigations

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course examines the origin of criminal investigation and traces the development to its present state. The course also provides an overview of the criminal investigation process from inception to culmination, including interviewing and investigation techniques and the use of forensic science to solve crimes. Special attention is given to the legal aspects of criminal investigations, including the criminal rules of evidence and Supreme Court decisions, which specify the procedures that law enforcement officers must follow when investigating crimes.

CRJU 4170 Victimology

CREDIT HOURS 3.0

DESCRIPTION This course provides an overview of the field of victimology. It covers the historical development of the study of crime victims, the causes and consequences of being victimized, as well as responses by the criminal justice system and social service agencies to crime victims. Specific types of victims and victimization are discussed within this context.

CRJU 4210 Juvenile Justice System

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an examination of the procedural and substantive aspects of the juvenile justice system, including the legal, organizational and political responses to youth and the crimes committed by them.

CRJU 4230 Juvenile Corrections

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GSU GPA

DESCRIPTION This course provides an examination of the philosophy and practical application of prevention and correctional programs designed to prevent or control delinquent and other high-risk behaviors committed by youth.

CRJU 4350 Community Based Corrections

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an examination of the history and current status of alternatives to institutional correctional programs for adults. Diversion, fines, community service, house arrest, probation, electronic monitoring, halfway houses, temporary release programs, and other treatment programs are a sample of potential topics included in this course.

CRJU 4420 Crime Typologies

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an examination of the typological systems used in criminal justice and criminology for classifying adult and juvenile offenders, victims, offenses, organizations, and criminal justice personnel on a wide range of physical, social, legal, and psychological attributes.

CRJU 4430 White Collar Crime

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an introduction to the various forms of crime and deviance that occur in the workplace. Consideration is given to the ways that organizational structures, work group socialization processes, and individual-level factors facilitate or enable the incidence and prevalence of employee crime occurring in the public, medical, and criminal justice sectors.

CRJU 4440 Street Crime

CREDIT HOURS 3.0

DESCRIPTION This is an advanced interdisciplinary course designed to familiarize students with issues surrounding the phenomenon of street crime in America. It covers the problem of street crime from macro and micro perspectives methodologically (quantitative vs. qualitative research) as well as conceptually (sociologically vs. psychologically for example). The course is seminar format and requires students to do a fair amount of reading in order to participate in class discussions. Topics to be covered include, but are not limited to, violent (robbery, homicide, carjacking) vs. non-violent street crime (drug dealing, drug abuse, prostitution), retaliation and the spread of violence, gangs, subcultures of violence, and offender decision-making. Cities Perspectives Course.

CRJU 4450 Drugs, Crime and Policing

CREDIT HOURS 3.0

DESCRIPTION This course examines the policing of drug crime and the relationship between drugs and other crimes such as murder, robbery, burglary, fraud, vandalism, and harassment.

CRJU 4460 Serial Killers

CREDIT HOURS 3.0

DESCRIPTION This course examines the phenomenon of serial homicide from both academic and popular perspectives. A detailed analysis explores types of serial murderers, including their patterns and methods of killing, as well as the characteristics of perpetrators and victims. Of special importance to this course is an understanding of the making of a serial killer, examining the underlying psychogenetic and sociological determinants of serial murder. This course also examines investigative techniques and the use of profiling to help apprehend serial killers.

CRJU 4500 Criminal Justice Management

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an overview of management theory, practice, and policy. Students will receive an introduction to traditional schools of organizational theory, including bureaucratic theory, scientific management, human relations, and the behavioral approach with particular emphasis on how each theoretical perspective applies to criminal justice agencies.

CRJU 4720 Law, Justice & Social Change

CREDIT HOURS 3.0

PREREQUISITES Requires a 2.0 GPA

DESCRIPTION This course utilizes sociological perspectives to examine the sources and uses of law in the criminal justice system and society. Students will explore what law is using a variety of theoretical perspective. In addition, they will examine law as a dependent variable, paying special attention to social and political forces that are exerted on the law. The influence of law on the operation of the legal system also will be reviewed, with some focus on the actors in the system: police, prosecutors. The course concludes with an examination of the impact of law on society, or law as an independent variable. Specific cases will be reviewed throughout the course.

CRJU 4760 Criminal Procedure

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course is designed to give students a general knowledge of criminal procedure in the criminal justice process. The course provides an overview of the constitutional restraints governing the prosecution and adjudication of criminal cases in the United States. Specifically, the course examines issues raised by the prosecution and defense during the pretrial, trial, and appellate stages. Topics of discussion include pre- and post-trial motions, discovery, rules of evidence, administration of criminal sanctions, and general court procedures. The course will cover the application to criminal procedure of Supreme Court decisions interpreting the Fourth, Fifth, Sixth, and Fourteenth Amendments to the United States Constitution.

CRJU 4780 Criminal Law

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course is designed to give students a general knowledge of substantive criminal law. The course will introduce students to the legal idea of criminal responsibility and the concepts of required state of mind (mens rea) and prohibited conduct (actus reus). The course will discuss the substantive content, structure, and sources of major crimes against persons and property, and provide a comprehensive evaluation of various legal defenses to criminal liability under both common law (case law) and statutory law (legislative law) approaches. The course also addresses the impact of the Model Penal Code on the development of contemporary criminal law.

CRJU 4800 Mental Health Issues in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to mental illness for criminal justice professionals. Policing people with mental disorders, mental illness issues facing the courts and corrections systems will also be covered. Special issues related to mentally disordered offenders and victims in the criminal justice system will also be addressed.

CRJU 4900 Selected Topics in Criminal Justice

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION An intensive study of current behavioral or administrative criminal justice problems and recent interventions in criminal justice. Examples of topics include interpersonal violence, information technology, drug law, data analysis, private security, or capital punishment. The course may be repeated for credit when different topics are offered.

CRJU 4910 Selected Legal Issues in Criminal Justice

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION A course of intense study on selected legal topics arising in the criminal justice system is provided.

CRJU 4915 Controversial Legal Issues in Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION This course provides an intense study of selected legal topics arising in the criminal justice system. The course focuses on contemporary and controversial issues facing the legal system. Special emphasis will be placed on developing critical thinking skills, persuasive argument techniques, and advocacy skills.

CRJU 4920 Community Policing

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an in-depth examination of the history and evolution of community policing as a social control mechanism in the United States and other nations. The course explores police and community relations with a focus on the collaborative strategies used to detect, solve, and prevent crimes.

CRJU 4930 Internship Seminar in Criminal Justice

CREDIT HOURS 3.0

PREREQUISITES For Criminal Justice majors only

COREQUISITES CRJU 4940

REQUIREMENTS 2.0 GPA

DESCRIPTION Students must register for and successfully pass both CRJU 4930 and CRJU 4940 in the same academic semester in order to graduate. This course is one of two Critical Thinking through Writing (CTW) courses that all Criminal Justice majors must complete. This course may include a Signature Experience component.

CRJU 4935 Criminal Justice Field Instruction II

CREDIT HOURS 6.0

DESCRIPTION This course is designed to provide students with the opportunity to integrate theory and practice, utilize knowledge, and confront contradictions between the conceptual and the real world. This course requires the completion of 180 hours of fieldwork. Applications for field placement must be submitted to the Internship Coordinator by the appropriate deadline: September 15 for Summer Semester; February 15 for Fall Semester, May 15 for Spring Semester. Students must register for and successfully pass both CRJU 4930 and (CRJU 4935 or CRJU 4940) in the same academic semester in order to graduate. This course may include a Signature Experience component.

CRJU 4940 Criminal Justice Field Instruction

CREDIT HOURS 3.0

PREREQUISITES For Criminal Justice majors only

COREQUISITES CRJU 4930

REQUIREMENTS 2.0 GPA

DESCRIPTION Applications for field placement must be submitted to the Internship Coordinator by the appropriate deadline: September 15 for summer semester; February 15 for fall semester; May 15 for spring semester. Students must register for and successfully pass both CRJU 4930 and CRJU 4940 in the same academic semester in order to graduate. This course may include a Signature Experience component.

CRJU 4960 Domestic Terrorism

CREDIT HOURS 3.0

REQUIREMENTS 2.0 GPA

DESCRIPTION This course provides an exploration into the theoretical underpinnings, groups, and control of domestic terrorism in general and violent extremism in particular in the United States. Topics generally include a review of cults, separatist groups, select international terrorists, and the role of Homeland Security in controlling extremism.

CRJU 4990 Readings in Criminal Justice

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS 2.0 GPA

DESCRIPTION This course permits selected qualified students to pursue an approved topic through independent study under the direction of a faculty member.

CRJU 4995 Undergraduate Research Practicum

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Requires completion of CRJU 3020 Research Methods, 3.0 GPA, CITI certification and consent of instructor agreed to supervise research

DESCRIPTION This course permits selected qualified students to participate in a research project under the direction of a faculty mentor

EDCI 3200 Organization and Instruction of the Middle Grades Curriculum

CREDIT HOURS 3.0

DESCRIPTION Grounded in culturally relevant pedagogy, this course will introduce and examine the major programmatic and organizational features of middle schools as they relate to the educational needs of middle level students, particularly those in urban contexts. The course interactions and engagements are organized around three major themes: (a) diverse contexts of teaching and learning, (b) structure of middle level education, and (c) middle level teaching, learning, and professionalism.

EDCI 3220 Understanding and Supporting Middle School Learners

CREDIT HOURS 3.0

DESCRIPTION The focus of this course is on middle school learners and on the diversity among them (e.g., development, culture, ethnicity, language, gender, religion, SES, ability/disability). The course will also focus on the instructional, curricular, and organizational issues related to the development of each child. Major emphases include an understanding of the ways in which the teacher's expectations, knowledge, and pedagogy influence students' learning and efficacy. Middle school philosophy, the role of parents, and the role of community members are also addressed. School and community observations and participation are included.

EDCI 3230 From Ferris Bueller to Freedom Writers: Images of Education in Film

CREDIT HOURS 3.0

DESCRIPTION This course uses films and research to analyze educational issues of historic and contemporary significance. Students will discuss how films have shaped society's perceptions of students, schools, and teachers and how these films either challenge or perpetuate stereotypes. Films will be covered thematically, with viewing both in and out of class, and a significant portion of the class will be focused on images of urban education. Major topics within each theme include cultural diversity, curriculum, school violence, education in out-of-school contexts, and educational policy. Students will be responsible for film reviews, debates, group discussion, weekly journal reflections, and a final paper.

EDCI 3240 Education or Incarceration: Schools, Communities, and the Prison Industrial Complex

CREDIT HOURS 3.0

DESCRIPTION As the population of incarcerated people in the U.S. grows to over two million and the rate of African American and Latino Youth Prisoners continues to rise, students in this course will investigate the school-to-prison pipeline, the prison industrial complex, and the implications of education. Through an examination of readings in educational policy, cultural studies, history, and sociology, as well as through dialogue, debate, and fieldwork, students will consider ways to challenge prevailing assumptions about education and incarceration. Cross-listed with EDCI 6240.

EDCI 3250 Introduction to Teaching in Secondary Schools

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

DESCRIPTION Students examine instructional material, teaching strategies, and evaluation procedure for teaching in secondary schools. Includes experience in reflective teaching and microteaching. Introduces the secondary programmatic issues including diversity, technology, content-specific pedagogy, classroom management, and assessment. Provides grounding in concepts of professionalism, equity, and school culture. Provides initial program identity, advisement, and screening. School experiences are included.

EDCI 4100 Service-Learning in Action

CREDIT HOURS 3.0

DESCRIPTION In this course, students examine the nature of service-learning through an analysis of relevant research, theory, and practice. Students also research and evaluate their community's needs. After synthesizing their research and needs assessment for the community, students engage in a service-learning project that is relevant to their major. (EDCI 4100 is cross-listed with EDCI 7100). Cities Perspectives Course. This course may include a Signature Experience component.

EDCI 4400 Poverty and Education

CREDIT HOURS 3.0

DESCRIPTION In this course, students study the ways that economic, historic, cultural, and social issues influence poverty and education. In particular, students address poverty and its effect on community, family, and schooling. In the class, students develop a working definition of poverty. Additionally, students explore both the American government's historic and contemporary response to poverty, as well as the ways that schools are impacted and respond to poor children.

EDCI 4600 Practicum

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES Admitted to Teacher Education

DESCRIPTION Students participate in practicum in middle or secondary schools, including observing, assisting, tutoring, microteaching, and classroom teaching. Students apply content knowledge, pedagogical skills, classroom management skills, and evaluation knowledge. This course may include a Signature Experience component.(Repeatable).

EDCI 4640 Critical Issues in Middle Grades Education-CTW

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDCI 4700

DESCRIPTION Taken concurrently with the last semester of the student teaching experience, this course will guide the student in reflection on, and further examination of, contemporary critical issues for educators. Major emphases on middle level teaching and learning, begun in the earlier stages of the program, will receive intense attention during this semester as students integrate theory and practice on the student teaching campus. This course is a Critical Thinking Through Writing (CTW) course.

EDCI 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

EDCI 4700 Student Teaching in Middle Grades

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES Admitted to Teacher Education and Approval of the Middle Level Committee

COREQUISITES EDCI 4640

REQUIREMENTS A minimum grade of "B" is required for this course sustained internships across the term under the supervision of a mentor teacher and a university supervisor

DESCRIPTION Students must successfully complete all courses in Area G.3 to be authorized to enroll in Student Teaching. Provides the opportunity to plan, implement, and reflect on middle grades instruction in the student's content concentration areas. This course may include a Signature Experience component.

EDCI 4750 Student Teaching in the Secondary School

CREDIT HOURS 6.0 TO 9.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Requires the student to apply pedagogical content knowledge to the planning and implementation of instruction of secondary school students in the major area. Students demonstrate expertise at the initial teacher preparation level. This course may include a Signature Experience component.

EDCI 4810 Directed Reading in Teaching and Learning

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Students engage in the in-depth study of appropriate topics in teaching and learning. (Repeatable).

DPP DRAWING, PAINTING, PRINTMAKING

DPP 2100 Advanced Drawing

CREDIT HOURS 3.0

PREREQUISITES ART 1010 with grade of C or higher

DESCRIPTION Advanced techniques, materials, and principles of drawing.

FEES $30.00

DPP 3000 Life Drawing

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 or DP 2100 with grades of C or higher

DESCRIPTION Structure, composition, representation, and interpretation of the human figure.

FEES $60.00

DPP 3050 Introduction to Printmaking

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, and one 1000-level art history course with grades of C or higher

DESCRIPTION Basic printmaking processes including intaglio (etching), relief (linocut), and monoprint.

FEES $50.00

DPP 3150 Intaglio/Etching & Lithography

CREDIT HOURS 4.0

PREREQUISITES one DPP 3000-level course with grade of C or higher, or consent of instructor

DESCRIPTION Traditional and experimental processes including etching, aquatint, and drypoint. Lithographic printing directly from prehistoric limestone slabs.

FEES $50.00

DPP 3200 Painting with Water-Based Media

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 or ART 1030 with grades of C or higher

DESCRIPTION Technical and organizational concerns using water-based media. May be repeated for a maximum of six credit hours.

FEES $20.00

DPP 3250 Screen Print and Experimental Printmaking

CREDIT HOURS 4.0

PREREQUISITES one DPP 3000-level course with grade of C or higher, or consent of instructor

DESCRIPTION Screen printing (serigraphy) with emphasis on photo processes, related computer skills, and painterly effects. Experimental printmaking techniques including monoprinting from wood, hand coloring, and other mixed media applications.

FEES $50.00

DPP 3300 Painting with Oil-Based Media

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 or ART 1030 with grades of C or higher

DESCRIPTION Technical and organizational concerns using oil-based media. May be repeated for a maximum of six credit hours.

FEES $20.00

DPP 3350 Monoprinting

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, and one 1000-level art history courses with grades of C or higher

DESCRIPTION Monotype and monoprinting techniques including additive, subtractive, viscosity, stencil, photographic transfer, and multiple plate printing.

FEES $50.00

DPP 3550 Book Arts

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050 and one 1000-level art history courses with grades of C or higher

DESCRIPTION Traditional Eastern and Western book structures, investigation of the book as an art form. Rudimentary papermaking, photographic transfer, and intaglio (line etching) skills.

FEES $20.00

DPP 3600 Drawing Research

CREDIT HOURS 4.0

PREREQUISITES DPP 3000 with grade of C or higher

DESCRIPTION Traditional as well as experimental investigations in drawing. May be repeated for a maximum of eight credit hours. This course may include a Signature Experience component.

FEES $20.00

DPP 3900 Selected Topics in Drawing and Painting

CREDIT HOURS 4.0

PREREQUISITES Two 2000-3000 level DPP courses with grades of C or higher

DESCRIPTION Special topics for drawing and painting majors. May be repeated for a maximum of twelve credit hours.

FEES $20.00

DPP 3950 Selected Topics in Printmaking

CREDIT HOURS 4.0

PREREQUISITES consent of instructor

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of eight credit hours.

FEES $20.00

DPP 4500 Directed Study in Drawing and Painting

CREDIT HOURS 4.0

PREREQUISITES DPP 3200 and DPP 3300 with grades of C or higher

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of sixteen credit hours. This course may include a Signature Experience component.

FEES $20.00

DPP 4550 Directed Study in Printmaking

CREDIT HOURS 4.0

PREREQUISITES consent of instructor

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of twelve credit hours. This course may include a Signature Experience component.

FEES $50.00

DPP 4940 Portfolio I

CREDIT HOURS 3.0

PREREQUISITES DPP 4500 or DPP 4550 with grade of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. Committee review.

DPP 4950 Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES DPP 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Drawing and Painting majors.

DPP 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES consent of instructor and of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

ECE EARLY CHILDHOOD EDUCATION

ECE 3010 Introduction to Early Childhood Education

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Provides an introduction to the field, observation, and child study skills. Service learning experiences in childcare settings, elementary schools, and other educational contexts in urban communities are included. Cities Perspectives Course.

ECE 3021 Child Development

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Focuses on physical, cognitive, and affective stages of human growth and development. Introduces theories and models of behavior and development applied to the field of early childhood education. Field experiences in pre-kindergarten through fifth-grade classrooms are included.

ECE 3250 English to Speakers of Other Languages (ESOL): Language Acquisition and Assessment

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

DESCRIPTION Principles of first and second language learning and teaching are examined. An emphasis on the analysis of language structure as it applies to second language acquisition is a core component of this course. Appropriate assessment of language proficiency is examined in addition to ESOL program entrance and exit criteria. Students have continuous supervised field placements in ESOL classrooms as well as in non-ESOL classrooms with significant culturally and linguistically diverse student populations.

ECE 3255 English to Speakers of Other Languages (ESOL):Cultural Foundations-CTW

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

DESCRIPTION The purpose of this course is to introduce future educators with the knowledge and skills needed to provide an effective learning environment for students who are learning English as an additional language. Course participants explore issues related to the intercultural communication process. The importance of the role of context (social, cultural, and historical) in interculture interactions is considered. Students have continuous supervised field placement in ESOL classrooms as well as in non-ESOL classrooms with significant culturally and linguistically diverse student populations. Critical Thinking Through Writing Course (CTW). Global Perspectives Course.

ECE 3360 Assessment of Classroom Learning in Early Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS Students must complete the course with a grade of "C" or higher

DESCRIPTION Students examine various teacher-constructed and standardized instruments used to assess student learning. Strategies for selecting and using assessment methods are emphasized. The role of instructional assessment as it relates to teaching and learning are discussed. Field experience in K-5th grades is included.

ECE 3390 Teacher as Responsible Practitioner in the 21st Century-CTW

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

DESCRIPTION Provides the student with structured processes for examining the roles and responsibilities of professional educators within 21st century contexts through systematic and reflective connections between cross-program content; field experiences; and local, national, and global educational influences. A minimum grade of "C" is required for this course. Critical Thinking Through Writing Course (CTW).

ECE 3400 Reading Methods in Elementary Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education and ECE 3600 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Provides students with core knowledge about reading methods within the broader context of all the language arts, including the development of reading during elementary years, theories relevant to learning to read, and the effectiveness of teaching skills that contribute to the development of reading. Field experiences in first-third grade are included.

ECE 3440 English to Speakers of Other Languages (ESOL): Curriculum and Instruction

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

DESCRIPTION Students examine current research, materials, curricula, and teaching methodologies in the area of ESOL instruction. Classroom application and observation are emphasized. Students have continuous supervised field placements in ESOL classrooms as well as in non-ESOL classrooms with significant culturally and linguistically diverse student population. Global Perspectives Course.

ECE 3500 Social-Emotional Development from Infancy to Middle Childhood

CREDIT HOURS 3.0

DESCRIPTION This course examines children's social-emotional development from infancy to middle childhood. Attention is given to children's early emotional development and how it relates to social functioning within family, school and community contexts. Special attention is given to biological and environmental factors that impact children's early social-emotional well-being and ways that teachers, caregivers, and other adults can encourage healthy development.

ECE 3550 Children's Literature in the 21st Century

CREDIT HOURS 3.0

DESCRIPTION The class will explore what it means to appreciate the "art" of children's literature in traditional and digital texts. Students will read and discuss texts written for children. The texts could include story apps, graphic novels, new media fiction, interactive narratives, and video games. We will explore and respond to many aspects of children's literature as an aesthetic object and learn about how children construct literary meanings.

ECE 3560 Media and Children's Learning

CREDIT HOURS 3.0

DESCRIPTION This course focuses on how children are portrayed in the media (including film, television, print, corporate marketing, and online).

ECE 3600 Language and Literacy Inquiry

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Emphasis on the language development of the young child along with strategies to promote emergent literacy through literature experiences. Includes field experience in a pre-kindergarten through fifth-grade classroom.

ECE 3601 Understanding Literacy Learning in Early Childhood and Elementary Education-CTW

CREDIT HOURS 6.0

PREREQUISITES Admitted into Teacher Education and ECE 3600 with a grade of "C" or higher

COREQUISITES ECE 3606, ECE 3607, and ECE 3662

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Provides the student with an integrated study of the theory, methodology, and instructional materials in the areas of language development, oral and written language skills, reading, and children's literature. Field experiences in kindergarten through second-grade classrooms are included. This course is a Critical Thinking Through Writing Course (CTW).

ECE 3602 Writing and Composing in the Digital Age

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education and ECE 3600 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Focus is on composing as both a print and digital practice with an emphasis on digital composition across the curriculum. A variety of methods of instruction and assessment are explored. Field experiences in third-grade through fifth-grade classrooms are included.

ECE 3603 Mathematics Methods in Elementary Education: Primary Grades

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education and MATH 2008

DESCRIPTION Candidates will develop their mathematical content knowledge and gain understanding about children as learners of mathematics. Candidates will also learn about effective instructional methods for the mathematics content spanning the elementary primary grades curricula. This is a field-based course where candidates apply learned skills in the context of culturally diverse elementary school classrooms.

ECE 3604 Mathematics Methods in Elementary Education: Upper Grades

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education, MATH 2008, and ECE 3603

DESCRIPTION Description: Candidates will develop their mathematical content knowledge and gain understanding about children as learners of mathematics. Candidates will also learn about effective instructional methods for the mathematics content spanning elementary upper grades curricula. This is a field-based course where candidates apply learned skills in the context of culturally diverse elementary school classrooms.

ECE 3605 Social Studies Methods in Early Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students examine objectives of various social studies programs and learn to use methods and materials appropriate for young children to accomplish these objectives. Field experiences in kindergarten through second-grade classrooms are included.

ECE 3606 Science and Inquiry in Early Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students examine objectives of various science programs and learn to use methods and materials appropriate for young children to accomplish these objectives. Field experiences in third-grade through fifth-grade classrooms are included.

ECE 3607 Mathematics Methods in Early Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

COREQUISITES ECE 3601, ECE 3606, and ECE 3662

REQUIREMENTS Student must complete the course with a grade of "C" or higher

DESCRIPTION Mathematical content, methods, and materials are connected to the mathematical development of young children in grades Pre-K through fifth. Field experiences in elementary classrooms are included.

ECE 3661 Classroom Management in Early Childhood Education Field Experience I

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course focuses on the development of child management techniques and teaching skills. Included are observation and other study skills used in the education and guidance of young children. Includes field experiences in an early childhood setting. This course may include a Signature Experience component.

ECE 3662 Classroom Management in Early Childhood Education Field Experience II

CREDIT HOURS 3.0

PREREQUISITES Admitted into Teacher Education and ECE 3661 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course focuses on the further development of child management techniques and teaching skills. Emphasis is placed on integrated instructional planning and child management strategies. Includes field experience in an early primary setting. This course may include a Signature Experience component.

ECE 3663 Classroom Management in Early Childhood Education Field Experience III

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education and ECE 3662 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides for the application of child management procedures to academic content. Emphasis is placed on instructional assessment as it relates to classroom management procedures. Field experiences in third, fourth, and fifth grades are included. This course may include a Signature Experience component.

ECE 4500 Guided Inquiry into Educational Advocacy

CREDIT HOURS 3.0

DESCRIPTION Through this hybrid elective course, candidates will have opportunities to explore areas of interest pertaining to issues that affect children, candidates, schools, curriculum, policy, families, and stakeholders relevant to education writ large. This course is largely self-driven and monitored as candidates are given a measure of autonomy, intellectual freedom, and idiosyncratic options for expressing understandings gained pertaining to the issue(s) selected for study. Key goals of the course intend that candidates: a) Develop tools for informing themselves on critical issues of particular interest or concern. b) Acquire strategies for reaching out to particular stakeholders who are positioned to best act upon those issues. c) Share, publish, and/or disseminate resources for stakeholders and/or colleagues, thereby establishing or strengthening informed communities of activism. d) Develop expertise that will position themselves well in future endeavors impacting the lives of candidates, families, classrooms, and/or communities within and around schools. ECE 4500 will be cross-listed with ECE 7500.

ECE 4650 Opening School Experience

CREDIT HOURS 0.0 TO 1.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

ECE 4661 Student Teaching

CREDIT HOURS 9.0

PREREQUISITES Admitted to Teacher Education and EXC 4570 with a grade of "B" or higher

REQUIREMENTS Students must submit a portfolio for approval

DESCRIPTION A minimum grade of "C" is required for this course. Students participate in a capstone practicum in one of the following grade levels: kindergarten, first, second, third, fourth, or fifth. This internship emphasizes the integration of developmental, curricular, and instructional principles in all areas of the curriculum. This course may include a Signature Experience component.

ECE 4662 Student Teaching

CREDIT HOURS 12.0

PREREQUISITES Admitted to Teacher Education and ECE 3663 with a grade of "B" or higher

REQUIREMENTS Students must submit a portfolio for approval

DESCRIPTION A minimum grade of "C" is required for this course. Students participate in a capstone practicum in one of the following grade levels: kindergarten, first, second, third, fourth, or fifth. This internship emphasizes the integration of developmental, curricular, and instructional principles in all areas of the curriculum. This course may include a Signature Experience component.

ECE 4700 Issues in International Education

CREDIT HOURS 3.0

DESCRIPTION The course is designed to increase students' knowledge and awareness of social, economic, and political issues related to international education. Students will also examine and compare policies and practices of educational systems in various countries in the world. The course is presented and studied online. It comprises twelve units on international educational issues such as citizenship, culturalism, and multiculturalism equality and Education, inclusion and norms, values and beliefs. Each unit provides an overview of the issues associated with the topic as well as materials that outline those issues. Student/activities/projects require the gathering of data from a variety of sources, synthesizing those data and presenting a summary. Global Perspectives Course. This course may include a Signature Experience component.

ECE 4810 Directed Reading in Early Childhood Education

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

REQUIREMENTS A directed reading form, available in the Department of Early Childhood Education, must be completed and signed by the instructor prior to registration

DESCRIPTION Focuses on individual reading on special topics in early childhood education. These topics are an extension of a previously completed course and are taught by an instructor who has taught that course. (Repeatable).

ECON 2100 The Global Economy

CREDIT HOURS 3.0

DESCRIPTION Not available for credit in the major; may be used as a nonmajor elective depending on degree.The world's economies have become much more integrated over time. This course is designed to introduce students to basic facts about the operation of the world economy, with particular focus on current issues confronting economies of various countries. The course will discuss the role of international organizations such as the World Bank and the International Monetary Fund, and will focus on major problems facing policy makers, such as global income inequality, financial crises, environmental challenges, the transition to a market economy, and the design of the European Monetary Union.

ECON 2105 Principles of Macroeconomics

CREDIT HOURS 3.0

PREREQUISITES MATH 1101 or MATH 1111

DESCRIPTION This course analyzes the overall performance of economic systems including output and employment levels, inflation, economic growth, international finance, and the effects of monetary and fiscal policies.

ECON 2106 Principles of Microeconomics

CREDIT HOURS 3.0

PREREQUISITES MATH 1101 or MATH 1111

DESCRIPTION This course is a systematic study of the functions of markets and prices in the production and distribution of goods and includes economic analysis of international trade, public finance, labor markets, monopoly, and poverty.

ECON 2990 Special Topics in Economics I

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Consent of instructor

DESCRIPTION Studies in Economics; topics vary according to instructor. May be repeated if the topic differs.

ECON 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

ECON 3050 The Economics of Art, Entertainment, and Culture

CREDIT HOURS 3.0

DESCRIPTION Not available for credit in the major: may be used as a nonmajor elective depending on program. Each year Americans spend at least 120 billion hours and over $150 billion on legal forms of entertainment. In spite of this, the economic idiosyncrasies of the sector are often not well understood. This class examines the economics of the major entertainment enterprises: the performing arts and other fine arts, movies and television programming, commercial music, broadcasting, cable television, casino gambling, and more. In addition to the basic facts and microeconomic characteristics of these industries, the class discusses how the sector is impacted by the macroeconomy and public policy.

ECON 3900 Macroeconomics-CTW

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION This course applies the tools of aggregate economic analysis to the problems of the performance of the economy. The course links the theories and data to understand the causes of macroeconomic fluctuations in production, employment, inflation, and international economic relations; particular emphasis is placed on macroeconomic policy issues. This course has been designated as a CTW (Critical Thinking Through Writing) course.

ECON 3910 Microeconomics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION This course develops models of the behavior of individual economic units, including consumers, workers, investors, and business firms, and explains how and why these units make economic decisions. Economic behavior in various types of market environments is analyzed. The implications of this behavior for the allocation of resources and for public policy are discussed.

ECON 4080 History of Economic Thought

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION An historical presentation of the economic doctrines of the physiocratic, classical, neoclassical, historical, Keynesian, and other schools of thought.

ECON 4210 Health Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 or equivalent

DESCRIPTION This course analyzes resource allocation issues in the health care sector of the U.S. and other economies. The demand, production, cost, and financing of health care services are examined using a variety of conceptual and empirical models. The economic evaluation of alternative health care programs is also discussed.

ECON 4220 Environmental Economics and Policy

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 or permission of instructor

DESCRIPTION This course is designed to introduce the student to a broad range of contemporary environmental problems and the design of appropriate policy responses. Environmental concerns such as declining urban air quality, water pollution, tropical rain forest destruction, and global warming are covered (topics vary according to the instructor). The role of economic development and the political and social forces determining environmental quality are explored. The effectiveness of past and present environmental policies and regulations are evaluated and contrasted with newer, more flexible approaches to improving environmental policy. This course is designed for students majoring in all disciplines who have interests in public policy as it relates to managing the environment. Global Perspectives Course.

ECON 4230 Experimental Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106 or equivalent

DESCRIPTION This introduction to experimental economics builds upon the scientific method and the testing of economic theories via laboratory experiments. Students will gain an understanding of the extent to which basic economic theories predict actual human behavior. The relevance and impact of similar experiments and related analyses on important debates surrounding public policy issues will be examined, which include privatization, market regulation, and environmental regulation.

ECON 4300 Economics of Cities

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION The primary emphasis in the first half of the course is on the spatial organization of economic activity. Why are cities located where they are, what economic functions do they perform, and, within cities, how can we understand what goes on where, and who lives where. The tools that we develop as we deal with these questions will be essential in the second half of the course, in which we will take an economic approach to a number of policy issues that are loosely termed "urban problems" in the popular press. Cities Perspectives Course.

ECON 4350 Economics of Poverty and Public Policy

CREDIT HOURS 3.0

DESCRIPTION This course applies basic economic concepts to the study of poverty in the United States. There are three main topics: (1) measuring the extent of poverty in the United States, (2) explaining the causes of poverty, and (3) evaluating actual and potential private sector or government responses to the problem. Within this framework, topics that will be discussed include poverty and inequality, economics of the family, racial/gender discrimination and segregation, neighborhood effects, history of welfare, the incentive structure of the current and proposed welfare plans, and welfare reform.

ECON 4380 Directed Readings in Economics

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES ECON 2105 and ECON 2106, and consent of instructor

DESCRIPTION

ECON 4400 Public Sector Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION This course explores issues related to expenditure and tax policies of governments, as well as views regarding the purpose of government and criteria for evaluating government actions. Various government expenditure programs, such as education and social security, and revenue sources, such as income taxes and property taxes, are then described and analyzed in light of the criteria. The course also includes a discussion of how group or collective choices are made within society, how environmental policies affect the level of pollution, and the importance of public debt.

ECON 4450 Law and Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION This course provides an introduction to the economic analysis of legal issues and explores the relationship of legal institutions and laws to economic efficiency and social goals, such as justice. Topics are chosen from among the following: property rights, externalities and environmental control, administrative processes, crime, contracts and liability (e. g. product liability and medical malpractice), public utility and antitrust regulations, individual rights and discrimination.

ECON 4470 Industrial Organization, Regulation, and Antitrust Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION The theory of government regulatory and antitrust policies and their effects on the competitive performance of the economy and the behavior of individual firms and industries. Specific topics include an economic and some legal analysis of mergers, price discrimination, predatory strategies, tying contracts, resale price maintenance, cost-benefit studies, product and worker safety, the environment, and deregulation issues in telecommunications, transportation, and other industries, with special emphasis on modern landmark cases and the role of economics in affecting public policy.

ECON 4500 Money and Credit

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION A study of the role of money, credit, interest rates, and the balance of payments in determining the rate of production and employment in a nation's economy; emphasis is placed on monetary policies of the Federal Reserve System and their interaction with other elements of policy and with international economic currents.

ECON 4600 Economic Development

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106

DESCRIPTION This course analyzes the issues underlying vast differences in development among the nations of the world. Economic growth, subject to appropriate restraints on environmental degradation, is seen as a major instrument for improving the development of nations and the welfare of their people. The course employs elements of theories of growth, international trade and finance, industrial organization, money, as well as micro and macroeconomics to analyze causes of and prescribe cures for, underdevelopment. Global Perspectives Course.

ECON 4610 The Economy of South Africa

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106

DESCRIPTION This course examines the South African economy in detail. It aims to investigate reasons for the current state of this emerging economy and to assess prospects for future growth. In essence, this course is a case study in economic development. Classical and contemporary models of development and undevelopment will be examined in regards to their relevancy to the South African case. In addition, development issues such as poverty, inequality, human capital formation and trade policy will also be looked at in a South African context. The material will often be presented in a Sub-Saharan African context. That is, concurrent developments in other parts of the African continent will also be investagated and analyzed to offer points of contrast and comparison. Global Perspectives Course.

ECON 4620 Economic Studies Abroad South Africa

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION This course is designed to be a brief survey of the South African economy with an emphasis on current topical issues. The course presents students with a case study in economic development. The course starts off the first week with an overview of South African history and contemporary economic issues. During the next two weeks students will travel to the Pretoria/Johannesburg area in Gauteng Province, the industrial center of the country, and the Capte Town area of the Western Cape. Through a series of lectures and site visits students will be able to asess South Africa's potential for economic growth and prosperity. Additional site visits are designed to provide students with an exposure to South African peoples and their culture. Global Perspectives Course.

ECON 4680 American Economic History

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4210.) An intensive study of the development of the American economy with an emphasis upon the changing structure, institutional pattern, and performance of the system.

ECON 4750 Introduction to Game Theory

CREDIT HOURS 3.0

DESCRIPTION This course introduces the basics of game theory to undergraduate students in various disciplines. It focuses on fundamentals of game theory including basic concepts and techniques, various ways of describing and solving games, and various applications in economics, political science, and business. It will help students sharpen their understanding of strategic behavior in different situations involving many individuals.

ECON 4800 International Trade

CREDIT HOURS 3.0

PREREQUISITES ECON 2106

DESCRIPTION An examination of theories of trade and empirical verification, trade and welfare, tariff and nontariff barriers to trade, common markets, and the relationship between growth and trade. Global Perspectives Course.

ECON 4810 International Finance

CREDIT HOURS 3.0

PREREQUISITES ECON 2105

DESCRIPTION A study of the foreign exchange market, the balance of payments, exchange-rate systems with particular emphasis on the current international monetary system, the international macroeconomic model, and policies for internal and external balance. Global Perspectives Course.

ECON 4930 Mathematical Economics

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106, and MATH 2211 or MATH 1220

DESCRIPTION This course provides an introduction to mathematical techniques that are frequently used in economic analysis. Topics covered include differential and integral calculus and matrix algebra. Emphasis is placed on the applications of mathematics to topics in economic theory.

ECON 4941 Economics Internship

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES Enrollment is limited to juniors or seniors who have completed ECON 2105 and ECON 2106, and at least 6 upper-level hours of economics coursework

DESCRIPTION The academic internship provides junior and senior students with opportunities to broaden and extend their foundation knowledge from the classroom to the world of work. Placement must be approved by the department's internship coordinator, with faculty supervision during employment. This course may include a Signature Experience component.

ECON 4950 Econometrics and Applications

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106, and MATH 1070

DESCRIPTION An introduction to the regression model, its assumptions, limitations, and application to problems in business and economics.

ECON 4960 Economics of Work and Pay

CREDIT HOURS 3.0

PREREQUISITES 2106

DESCRIPTION This course applies economic theory to the analysis of labor markets. Topics examined include wage determination, employment and labor force growth, education and training, occupational attainment, unemployment, and the impact of discrimination, unions, and government policy on the functioning of labor markets.

ECON 4990 Special Topics in Economics II

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Consent of instructor

DESCRIPTION Advanced studies in Economics; topics vary according to instructor. May be repeated if the topic differs.

ECON 4999 Senior Capstone in Economics-CTW

CREDIT HOURS 3.0

PREREQUISITES ECON 3900, ECON 3910 and two 4000 level ECON courses with grades of C or better or permission of the instructor

DESCRIPTION This course serves as an integrative capstone course for the economics major and should normally be taken during the student's last two semesters of study. Basic tools and methods of economics are used to understand and analyze a variety of contemporary economic problems and policy issues. The course will be organized by research modules that cover at least four of the following six broad economics topics: business policy analysis; economic history and thought; social policy and human resources; international economics and globalization; government fiscal, environmental and urban policies; and behavioral economics. This course has been designated as CTW (Critical Thinking Through Writing) course.

EDBT 3020 Instructional Development in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Students develop skills in organizing an instructional delivery system. Prepares students to adjust instructional time and learning opportunities to provide for mastery learning in outcome-based programs. Includes assessment systems and management techniques for laboratory and classroom.

EDBT 3360 Foundations of Management and Safety in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Students learn the basic principles of management applied to maintenance and control of all physical facilities. This course covers how to create an efficient teaching-learning atmosphere through student participation. Topics covered include supervision, tool and material controls, accident prevention, liability and safety procedures, methods for layout of classrooms and laboratories for most effective instruction, and provisions necessary for instructional areas.

EDBT 3690 Teaching Practicum in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Teaching, coordinating, and directing curricular activities during the entire school day is done under the guidance and supervision of a selected teacher and/or coordinator in the specialty area of the practicum student. Course includes observation at school site and seminars on campus. This course may include a Signature Experience component.

EDBT 3700 Teaching Practicum in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Teaching, coordinating, and directing curricular activities during the entire school day is done under the guidance and supervision of a selected teacher and/or coordinator in the specialty area of the practicum student. Course includes observation at school site and seminars on campus. This course may include a Signature Experience component.

EDBT 3710 Teaching Practicum in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Teaching, coordinating, and directing curricular activities during the entire school day is done under the guidance and supervision of a selected teacher and/or coordinator in the specialty area of the practicum student. Course includes observation at school site and seminars on campus. This course may include a Signature Experience component.

EDBT 4250 Principles and Practices in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION This course provides an orientation for guidance personnel and counselors, school administrators, career and technical educators, and general education teachers to the basic purposes and goals of career and technical education in terms of major issues and current trends pertaining to the occupational preparation of youth and adults. A brief history of social, economic, and technical forces that stimulated the development of vocational education, and areas and types of career and technical education and their functions are presented.

EDBT 4570 Instructional Strategies in Technology/Career Education

CREDIT HOURS 3.0

DESCRIPTION Introduces students to strategies and methods for delivering job-related instruction in school settings. General goals and objectives of career and technical programs at the secondary level are investigated with a special emphasis placed on objectives in the student's area of specialization.

EDBT 4660 Applied Practice in Technology/Career Education

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES permission of advisor or department chair

DESCRIPTION Students gain practical experience in the application of career and technology skills, knowledge, and principles to an actual situation. Development and implementation of a project related to career and technology education is required. This course may include a Signature Experience component.

EDBT 4800 Independent Study in Technology/Career Education

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES Prior approval by advisor or department chair required

DESCRIPTION This course provides an in-depth study of selected area(s) in career and technology education. The course is highly personalized to meet the needs and interests of the student and requires contract between student and the sponsoring faculty member.

EDUC 2000 Field-Based Instruction, Travel, and Educational Excursions

CREDIT HOURS 2.0

PREREQUISITES This course is restricted to students participating in the Early College High School Program

DESCRIPTION This program will allow students to develop critical thinking skills and analyze cultural, social, and environmental constructs from a global perspective. Students will be encouraged to expand their worldviews as they observe and interact with people from different cultures.

EDUC 2110 Investigating Critical and Contemporary Issues in Education

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course for entry into teacher education programs

DESCRIPTION This course provides students with an understanding of selected philosophical, historical, social, cultural, political, and economic questions and influences on the development of educational policies and practices. Importantly, students will develop an understanding of the ways the humanities and social sciences can be used to question, interpret, analyze, and criticize educational thought and practice.

EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

CREDIT HOURS 3.0

DESCRIPTION Given the rapidly changing demographics in our state and country this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4) the influences of culture on learning, development, and pedagogy.

EDUC 2130 Exploring Learning and Teaching

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide the student with an overview of theories and research findings in the field of educational psychology with an emphasis on learning. Attention will be paid to the role of individual differences in learning, including development, and on ways to promote effective learning for all students. This class emphasizes student involvement in the learning process through active class discussions, presentation of case studies, and opportunities to reflect on and examine learning in a variety of real world contexts.

EDUC 2152 Birth and Parenthood

CREDIT HOURS 3.0

DESCRIPTION Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context. (Same as SOCI 3152 and WGSS 3140).

EDUC 2300 Introduction to Child Development

CREDIT HOURS 3.0

DESCRIPTION This course will engage teacher candidates in the principles of child growth and development from conception through early childhood with a particular focus from birth to 5 years of age. The course will cover the major theories, principles, and research concerning the physical, cognitive, intellectual, emotional, and social aspects of development in children including typical and atypical developmental expectations.

EDUC 3010 Introduction to Urban Education

CREDIT HOURS 3.0

DESCRIPTION This course focuses on educating students of diversity: (cultural/ethnic, language, gender, religious, socioeconomic, and ability/disability) in urban settings and the equity issues involved in educating all children. Major emphases include understanding the role of educators. expectations, knowledge and pedagogy on student expectations and learning; and on the development of viable interpersonal communication, and instructional techniques for diverse urban classrooms. Cities Perspectives Course.

EDUC 3100 Introduction to Careers in Human Learning and Development-CTW

CREDIT HOURS 3.0

DESCRIPTION Students gain knowledge of the human learning and development field, including overviews of graduate programs, internships, and careers associated with the following areas: behavior and learning disabilities, child growth and development, educational psychology, learning technologies, and physical health and activity. Topics include creation of professional resources (i.e. resumes, letters of interest, goal statements); overview of graduate programs in the disciplinary fields, and internship and career experiences associated with the disciplines. This course has been identified as a "Critical Thinking Through Writing (CTW)" course.

EDUC 3333 Field Experiences in International Education

CREDIT HOURS 3.0

REQUIREMENTS Students must participate in the international travel required for this course

DESCRIPTION Modern communication technologies have increasingly made the countries of the world more interdependent. This interdependency can be either positive or negative. This course seeks to provide students with a global perspective on education and society, and its impact on both culture and world affairs. This course will concentrate specifically on the educational system and customs of the host country. Lectures and class discussions, utilizing the student's first hand experiences, will be directed toward cultural analysis of the host country with special focus on how educational systems help shape national consciousness. [cross-listed with EDUC 7777]. Global Perspectives Course. This course may include a Signature Experience component.

EDUC 4660 Field Based Research in Urban Education

CREDIT HOURS 3.0

REQUIREMENTS A grade of C or higher is required

DESCRIPTION This class is an introduction to the field methods of educational research, with a focus on ethnographic observation and interviewing. The methods of data collection, the social role of the field worker, the ethics of research and qualitative methodology will be addressed through a workshop approach. Students will design a proposal as the final research project for the course. Cities Perspectives Course. This course may include a Signature Experience component.

EDUC 4670 Internship in Human Learning and Development

CREDIT HOURS 3.0

PREREQUISITES permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required. Internship in a discipline associated with Human Learning and Development (Behavior and Learning Disabilities, Child Growth and Development, Counseling, Educational Psychology, Learning Technology, Physical Activity and Health). The course can be repeated. This course may include a Signature Experience component.

EDUC 4750 Clinical Experience

CREDIT HOURS 1.0

PREREQUISITES Successful completion of the final student teaching or practica course offered in a teacher preparation program, recommendation of program coordinator, and permission of instructor

DESCRIPTION The purpose of this course is to provide for extended clinical experience beyond the student teaching or practicum requirements included in a teacher preparation program.

EDUC 4982 Undergraduate Research in Urban Education

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Permission of the Instructor

DESCRIPTION This course provides opportunities for students to complete an inquiry project focusing on an issue in urban education. Students experience hands-on involvement in research through close participation with an experienced faculty researcher. Cities Perspectives Course. This course may include a Signature Experience component.

EPY EDUCATIONAL PSYCHOLOGY

EPY 2040 The Science of Learning: Theories, Application, and Practice

CREDIT HOURS 3.0

DESCRIPTION Explores how theory and research about learning can be applied to help students develop the learning and study strategies necessary for academic success. Topics include, but are not limited to, strategies for improvement to attention, memory, comprehension, critical thinking, and the test readiness skills needed to excel in college. Focuses on strategies that can be used in any course to improve performance.

EPY 2050 Human Growth and Development

CREDIT HOURS 3.0

DESCRIPTION Students study the research and theory on human development spanning the years from conception through adolescence. The roles played by biology, gender, and culture are examined, as is the relationship between development and the learning process.

EPY 3010 Learning, Memory, and Cognition in the Real World

CREDIT HOURS 3.0

DESCRIPTION Students examine major research findings in learning, memory, and cognition. Applications of research findings to educational and real world contexts are emphasized.

EPY 4190 Introduction to Behavior Analysis

CREDIT HOURS 3.0

DESCRIPTION Students will be introduced to the principles of behavior analysis as they apply to various settings. Students will learn the basics for identifying behavior, for determining variables controlling the behavior, for changing behavior, and for determining if a change in behavior is a result of an intervention or of some other variable.

EPY 4360 Learning and Development During Adolescence

CREDIT HOURS 3.0

DESCRIPTION The course provides a topical survey of the major transitions of adolescent development and their ecological contexts. In other words, this course will address (1) major physical, cognitive, and social transitions at the individual level, and (2) the contexts in which these transitions take place. For each topic covered, emphasis will be placed on the relationship between adolescent development and learning.

EPY 4810 Directed Readings and Research in Educational Psychology

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Students study selected areas. The directed readingor research may not extend beyond one term. (Repeatable).

EPY 4960 Seminar in Educational Psychology

CREDIT HOURS 3.0

PREREQUISITES EPY 2040, EPY 2050 or EDUC 2130

DESCRIPTION Topics will vary each time the course is taught (examples of possible topics include autobiographical memory, culture and cognition, metacognition, etc). Students will read and discuss primary source articles as well as chapters to gain a deeper understanding of the specific topic taught in any given term. Students will participate in class through discussions, presentations, writings, and special topic projects.

EPY 4970 Seminar in Adult Literacy

CREDIT HOURS 3.0

PREREQUISITES EPY 2040 and EPY 2050

DESCRIPTION The course is a seminar in about adult literacy. Students will learn about the prevalence of adult low literacy in the United States and around the world, how adult literacy is measured, how adult literacy instruction is provided, and other topics of interest related to adult literacy. Students will read and discuss primary source articles as well as chapters to gain a deeper understanding. Students will participate in class through discussions, presentations, writings, and special topic projects.

ENGL ENGLISH

ENGL 0999 Academic Writing

CREDIT HOURS 4.0

COREQUISITES Must be taken with ENGL 1101

DESCRIPTION (Formerly LSP 0081.) Prepares students for college-level writing by focusing on exposition, argument, and short research reports. Special emphasis is given to standard usage, sentence structure, essay development, and organization. Topics related to contemporary social and cultural issues provide a basis for discussion and writing.

ENGL 1101 English Composition I

CREDIT HOURS 3.0

DESCRIPTION A composition course designed to increase the student's ability to construct written prose of various kinds. Focuses on methods of organization, analysis, research skills, and the production of short argumentative and expository essays; readings consider issues of contemporary social and cultural concern. Passing grade is C.

ENGL 1102 English Composition II

CREDIT HOURS 3.0

PREREQUISITES ENGL 1101 with grade of C or higher

DESCRIPTION A composition course designed to develop writing skills beyond the levels of proficiency required by English 1101. Stresses critical reading and writing and incorporates a variety of more advanced research methods; readings will be drawn from a wide variety of literary texts. Passing grade is C.

ENGL 1103 Advanced English Composition

CREDIT HOURS 3.0

PREREQUISITES admission by permission of department or Honors Program

DESCRIPTION A passing grade is C. This course is designed to develop students' ability to construct written texts on a sophisticated level. It emphasizes critical reading and writing of various sources and incorporates advanced research methods. In addition, it emphasizes advanced rhetorical issues, including invention strategies, arrangement, selecting and analyzing evidence, and developing appropriate style.

ENGL 2110 World Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION A survey of important works of world literature.

ENGL 2120 British Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION Historical survey of literature from the British Isles, with consideration of literary genres, conventions, and modes. Issues such as language change, periodization, canon formation, national identity, and the interrelationships between literature and other elements of culture.

ENGL 2130 American Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION Historical survey of literature from the United States, with consideration of literary genres, conventions, and modes. Issues such as periodization, canon formation, national identity, and the interrelationships between literature and other elements of culture.

ENGL 2160 Studies in Popular Culture

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION Introduction to critical issues associated with the study of popular culture. Throughout the course, discussion of pop cultural texts (including television series, print ads, video games, web logs, and popular film and music) will be shaped by the critical methodologies exemplified in course readings. In the process, students will be encouraged to use these applications as models for their own work in selecting, analyzing, and critically reflecting on specific instances of popular culture.

ENGL 3040 Introduction to Literary Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION Materials, methods, and terminology used in the discipline of literary studies. Practice in effective critical writing and examination of the various critical theories available for interpretation and analysis. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 3050 Introduction to Rhetoric and Composition

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher, or equivalent

DESCRIPTION Introduces students to key terms, figures, and events in the global history of practicing and teaching rhetoric, with examination, through reading and critical writing, of the legacy of communication technologies from ancient to contemporary cultures. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 3080 Persuasion: History, Theory, Practice

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher.Introduces students to studies in analyzing written arguments, studying argumentation theories, and producing persuasive texts for specific audiences. Includes global readings from ancient to contemporary times.

ENGL 3090 Exposition: History, Theory, Practice

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to studies in analyzing expository genres, studying theories of expository writing, and producing nonfiction texts for specific audiences. Includes global readings from ancient to contemporary times.

ENGL 3100 Composition Studies: History, Theory, Practice

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to historic and current theories for composing and teaching writing, with emphasis on key figures and movements in the history of composition studies.

ENGL 3105 Practical Grammar

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Recognizing and describing sentence components, syntactical relationships, and other verbal patterns. Application of grammatical principles to editing problems and literary analysis.

ENGL 3110 Technical Writing

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Intensive study of scientific and technical style; practice at various formats, including reports, proposals, instructional manuals, and professional papers.

ENGL 3115 Multimodal Composition

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with Grade of C or higher

DESCRIPTION Introduces students to the theory and production of digital media and document design using multiple modes of communication. Includes reading, analyzing, and creating multimodal productions that relate to the history and practice of composition in our current cultural moment.

ENGL 3120 Digital Writing & Publishing

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Introduces students to the study and practice of digital writing, design and publishing through the use of new media, web 2.0, and mobile technologies. Includes new media theory and explores how we write, publish, and interact with others.

ENGL 3125 Digital Media Studies

CREDIT HOURS 3.0

DESCRIPTION Foundations for understanding contemporary computational media and network culture through case studies, project work, and critical readings. Nonmajor prerequisite: grade of C or higher in Eng 1102 or 1103. May be repeated for credit if topic varies.

ENGL 3130 Business Writing

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Advanced composition applied to business writing techniques and problems.

ENGL 3135 Visual Rhetoric

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher.Introduces students to visual communication practices and digital culture. Includes theory, analysis, and production of visual media genres such as digital documentary, built/virtual environments, digital archives, and graphic narratives.

ENGL 3140 Editing for Publication

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Skills and resources needed for preparing unpublished documents for publication. May include academic publishing, textual editing, and commercial applications.

ENGL 3150A Introduction to Creative Writing – Poetry

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2110, ENGL 2120 or ENGL 2130 with grade of C or higher. Introduction to the writing of poetry for the novice writer; practice in styles, points of view, and structure.

ENGL 3150B Introduction to Creative Writing – Fiction

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2110, ENGL 2120 or ENGL 2130 with grade of C or higher. Introduction to the writing of fiction for the novice writer; practice in styles, points of view, and structure.

ENGL 3160 Narrative Techniques

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150B with grade of C or higher

DESCRIPTION For the student with a special interest in short fiction. Studies in character development, story, plot, and point of view; critiques of professional and student work.

ENGL 3170 Poetic Techniques

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150A with grade of C or higher

DESCRIPTION For the student with a special interest in poetry. Studies in figurative language, symbol, metrics, and various poetic forms; critiques of professional and student work.

ENGL 3180A Contemporary Poetry

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 or ENGL 2130 with grade of C or higher. Study of important voices in contemporary American and English poetry, with discussion of current literary climates.

ENGL 3180B Contemporary Fiction Craft

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150B and ENGL 2120 or ENGL 2130 with grades of C or higher

DESCRIPTION Study of fiction technique through the reading and analysis of contemporary fiction. Designed for fiction writers.

ENGL 3190 Language Analysis for Teachers of English

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Exploration of the basic components of language, language variation, and practical applications of linguistics to spoken and written texts in literature and composition.

ENGL 3200 Introduction to the English Language

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140 or ENGL 3040 with grade of C or higher. Language theories as a basis for understanding language characteristics, development, variation and change, attitudes, and uses. Application to literature, rhetoric, and language arts.

ENGL 3210 Advanced Grammar

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140 or ENGL 3040 with grade of C or higher. Readings in various areas of language study; focus on syntax of modern English grammar. Especially recommended for those who expect to teach secondary English.

ENGL 3220 History of the English Language

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140 or ENGL 3040 with grade of C or higher. Development of the structure and history of the English language: Indo-European, Old English, Middle English, Early Modern English, and Present Day English. Students must learn IPA for phonological study. Attention will also be given to the morphology, syntax, social and regional variations, and semantics of English.

ENGL 3230 History of Literary Criticism I

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140 or ENGL 3040 with grade of C or higher. Critical and theoretical perspectives on literature, art, and culture from Plato to the New Criticism.

ENGL 3240 History of Literary Criticism II

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140 or ENGL 3040 with grade of C or higher. Critical and theoretical perspectives on literature, art, and culture from Saussure to the present.

ENGL 3250 Topics in Contemporary Theory

CREDIT HOURS 3.0

DESCRIPTION Nonmajor prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Systematic and focused study of one or more recent critical theories that influence the study of literature, language, and culture. Individual courses will vary in focus.

ENGL 3260 Theories of Popular Culture

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Theories of mass cultural and their practical applications to the analysis of cultural production. May include such phenomena as popular fiction, the built environment, and the popular media.

ENGL 3266 British-American Culture Seminar II

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES British and American Cultures Program concentration, or consent of English or History program advisor

DESCRIPTION (Same as HIST 4961.) Analyzes literary and/or historical themes from the perspectives of American and British authors, historical figures, and literatures. Offered by the English and History Departments.

ENGL 3270 American Culture Seminar

CREDIT HOURS 3.0

PREREQUISITES British and American Cultures Program concentration, or consent of English or History program advisor

DESCRIPTION Focuses on one or more American regional cultures from either a literary or historical perspective to offer definitions of "Americanness" or American myths.

ENGL 3275 Literature and Culture of the American South

CREDIT HOURS 3.0

PREREQUISITES British and American Cultures Program concentration, or consent of English or History program advisor

DESCRIPTION A selection of writing from the South from colonial times through the twentieth century. The purpose of the course is to examine the region through the vision of its authors.

ENGL 3280 English Drama

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Topics to be announced. Dramatic literature selected from the beginnings of English drama through the twentieth century. Courses may focus on topics such as medieval drama, the Elizabethan and Jacobean stage, Restoration drama, radio drama, or postmodern theatre. May be repeated for credit if topic varies.

ENGL 3290 English Fiction

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Topics to be announced. Fiction selected from the beginnings of the English novel or short story through the twentieth century. Focus on such areas as eighteenth-century novels, nineteenth-century novels, or modern novels. May be repeated for credit if topic varies.

ENGL 3300 Medieval English Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. English literature from the Anglo-Saxon period through the fifteenth century with focus on selected genres and authors such as the Gawain Poet, the Wakefield Master, Julian of Norwich, and William Langland.

ENGL 3400 Sixteenth-Century English Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by such authors as More, Wyatt, Sidney, Spenser, Marlowe, and Shakespeare.

ENGL 3410 Early and Middle Seventeenth-Century English Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by such authors as Lanyer, Donne, Johnson, Bacon, Herbert, Marvell, and Milton.

ENGL 3500 Restoration and Earlier Eighteenth-Century English Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by such authors as Dryden, Swift, Pope, and Lady Mary Wortley Montague.

ENGL 3510 Later Eighteenth-Century English Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by such authors as Johnson, Boswell, Burney, Goldsmith, and Gray.

ENGL 3600 Early British Romantic Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Works by such authors as Wollstonecraft, Equiano, Blake, Burns, William Wordsworth, Barbauld, and Coleridge.

ENGL 3605 Late British Romantic Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Works by such authors as Byron, Mary Prince, Hemans, Dorothy Wordsworth, Shelley, DeQuincey, and Keats.

ENGL 3610 Victorian Poetry and Nineteenth-Century Non-Fiction

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by authors such as Tennyson, Browning, Arnold, Christina Rossetti, the Pre-Raphaelites, DeQuincey, Gaskell, Carlyle, Newman, Wilde, and others.

ENGL 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

ENGL 3700 English Literature: 1900-1945

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by writers from Great Britain, Ireland, and other English-speaking nations. Writers such as Yeats, Joyce, Mansfield, West, Eliot, Auden, and Woolf; issues such as modernism, imperialism, and women's suffrage.

ENGL 3710 English Literature: 1945-Present

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by writers from Great Britain, Ireland, and other English-speaking nations. Writers such as Larkin, Lessing, Rushdie, Pinter, Stoppard, Walcott, and Churchill; issues such as postmodernism and responses to political violence.

ENGL 3720 Twentieth-Century English Poetry

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works by poets such as Yeats, H.D., Eliot, Auden, Thomas, Smith, Plath, Larkin, and Heaney.

ENGL 3800 Early American Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Investigation of writers such as Bradford, Bradstreet, Mather, Edwards, Franklin, Freneau, Wheatley, and Murray; focus on literary, historical, theological, and cultural traditions.

ENGL 3810 American Literature: 1820-1865

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Emphasis on writers such as Poe, Fuller, Emerson, Thoreau, Hawthorne, Melville, Douglass, Dickinson, and Whitman.

ENGL 3820 American Literature: 1865-1914

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Emphasis on writers such as Chesnutt, Twain, James, Wharton, Crane, Dreiser, Chopin, Dunbar, and Adams.

ENGL 3830 American Literature: 1914-1945

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Emphasis on writers such as Frost, Stein, Anderson, Hemingway, Eliot, Stevens, Cather, Faulkner, Wright, Fitzgerald, Toomer, and Hurston.

ENGL 3840 American Literature: 1945-Present

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Emphasis on writers such as Bellow, Momaday, Ellison, Welty, Miller, Albee, Bishop, Rich, Morrison, and Roethke.

ENGL 3850 American Poetry

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Topics to be announced. Poetry selected from the colonial period through the twentieth century. May concentrate on poetry from specific periods or of specific types or themes. May be repeated for credit if topic varies.

ENGL 3860 American Drama

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Selected plays and theatre history, primarily from the twentieth century, including works from such playwrights as O'Neill, Glaspell, Williams, Miller, Albee, Hansberry, Fornes, Wilson, Mamet, and Shepard.

ENGL 3870 American Fiction

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Topics to be announced. The novel or short fiction selected from the colonial period through the twentieth century. Individual courses may focus on specific periods or specific types or themes. May be repeated for credit if topic varies.

ENGL 3880 American Non-fiction Prose

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2130 with grade of C or higher. Such genres as the essay, biography, letters, diaries, and travel literature; selected writers from the colonial period through the present. Individual courses may focus on specific periods or specific types or themes.

ENGL 3890 Contemporary American Ethnic Literatures

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 or ENGL 2130 with grade of C or higher. Study of contemporary American ethnic literatures, including works by African-American, Asian-American, Hispanic-American, and Native American writers. Global Perspectives Course.

ENGL 3900 Irish Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Selected works of literature in English and in English translation from Irish, from the eleventh to the twentieth centuries. Emphases will vary; focus on writers such as Swift, Wilde, Yeats, Joyce, Lady Gregory, Kavanagh, Heaney, and Boland.

ENGL 3910 The Tradition of Children's and Young Adults' Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Origin and history of children's and young adult literature; analysis of literary forms and themes; reading and discussion of critical analyses of genre.

ENGL 3920 Southern Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Intellectual and literary achievement of the South from 1607 to the present, including works by such authors as Jefferson, Longstreet, Chopin, Faulkner, Welty, Hurston, Warren, O'Connor, and Gaines.

ENGL 3930 Modern Drama

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Selected works from 1850 to the present, including but not limited to plays from Great Britain, the Continent, and the United States. Global Perspectives Course.

ENGL 3940 Postcolonial Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. (Depending on topic, may be crosslisted with African- American Studies as AAS 4970.) Literature in English from former and current members of the British Commonwealth, such as Australia, Canada, India, Nigeria, and South Africa; consideration of cultural and political issues. May be repeated for credit if topic varies. Global Perspectives Course.

ENGL 3950 African-American Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. (Same as AAS 3880.) Major writers from the eighteenth century to the present. Includes such authors as Equiano, DuBois, Hughes, Petry, Baldwin, Hansberry, Ellison, and Walker.

ENGL 3955 Language in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. (Same as AAS 3955.) A sociolinguistic study of the characteristics that define and connote the varieties of African-American English: origins, currents of change, functions of functions of language identity, styles, and modes of discourse.

ENGL 3960 African-American Literature by Women

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3960 and WGSS 3960.) Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. A survey of literature from the eighteenth century to the present. Includes such authors as Wilson, Wheatley, Larsen, Hurston, Dove, Hansberry, and Morrison.

ENGL 3965 African Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Survey of literature of the North, East, West, Central, and Southern Africa. Includes such writers as Achebe, Soyinka, Emecheta, Sembene, Mahfouz, Ngugi, Adichie, Gordimer, and Coetzee. Target: English and AAS majors. Global Perspectives Course.

ENGL 3970 Caribbean Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. (Same as AAS 4890.) Survey of literature of the English-speaking or Commonwealth Caribbean. Includes such writers as Prince, Brathwaite, Kincaid, Naipaul, and Walcott. Global Perspectives Course.

ENGL 3980 Women's Literature I

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Selected works by women writers befoRE 1800, such as Julian of Norwich, Christine de Pisan, Elizabeth I, Margaret Sidney, Behn, Burney, Wollstonecraft, and Austen.

ENGL 3990 Women's Literature II

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Selected works by women writers after 1800. Multicultural and inclusive in scope; may include Mary Shelley, the Brontes, Dickinson, Cather, Woolf, Emecheta, Hurston, Morrison, and Esquivel.

ENGL 3995 Feminist Literary Criticism

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3995.) Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. Critical approaches to the varieties of feminist thinking that influence studies of language, literature, and culture. Topics and writers may range from the medieval period to the present. Multicultural perspectives on issues of gender, race, and class emphasized.

ENGL 4000 Jewish Literature

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120, ENGL 2130, ENGL 2140, or ENGL 3040 with grade of C or higher. A survey of one or more branches of Jewish literature, (e.g. Yiddish, Hebrew, Ladino, American, British, or German), in English translation where necessary. May be comparative (e.g. Black and Jewish Literatures in the United States). Topics may vary. For English majors and/or students minoring in Jewish Studies. Global Perspectives Course.

ENGL 4100 Study of a Single Author

CREDIT HOURS 3.0

DESCRIPTION Topics and non-major prerequisite to be announced. Concentrated study of a single author such as Dryden, Wordsworth, Austen, Hawthorne, Joyce, Faulkner, or Morrison. May be repeated for credit if topic varies.

ENGL 4110 Chaucer

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. A selection of Chaucer's works, including Troilus and Criseyde and The Canterbury Tales.

ENGL 4130 Shakespeare, Earlier Works

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works from the first half of Shakespeare's career, such as Romeo and Juliet, Much Ado About Nothing, Richard III, The Merchant of Venice, Hamlet, and early poems.

ENGL 4140 Shakespeare, Later Works

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. Selected works from the second half of Shakespeare's career, such as Twelfth Night, Othello, King Lear, Macbeth, Anthony and Cleopatra, and later poems. A student may take ENGL 4140 without having taken ENGL 4130.

ENGL 4150 Milton

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 2120 with grade of C or higher. A selection of Milton's works, including Paradise Lost, other poetry, and selected prose.

ENGL 4201 Engl 4201 Special Topics in American Literature

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue, or specialized subject related to American literature. A variety of courses is offered; courses may focus on topics as varied as science and race in nineteenth-century American culture, or literature of World War I. May be repeated for credit if topic varies.

ENGL 4202 Engl 4202 Special Topics in British Literature

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue or specialized subject related to British literature. A variety of courses is offered; courses may focus on topics as varied as the sonnet, mythology, or literature of Northern Ireland. May be repeated for credit if topic varies.

ENGL 4203 Engl 4203 Special Topics in Rhetoric and Composition

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue, or specialized subject related to Rhetoric and Composition. A variety of courses is offered; courses may focus on topics as varied as propaganda or literacy. May be repeated for credit if topic varies.

ENGL 4204 Engl 4204 Special Topics: Literature, Criticism, and Theory

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue, or specialized subject related to literature, criticism, or theory. A variety of courses is offered; courses may focus on topics as varied as the graphic novel, ecocriticism, or literature in translation. May be repeated for credit if topic varies.

ENGL 4205 Special Topics in Creative Writing

CREDIT HOURS 3.0

DESCRIPTION Topics and prerequisites to be announced. Focused study of a problem, question, issue, or specialized subject related to creative writing. A variety of courses is offered; may be repeated for credit if topic varies.

ENGL 4206 Teaching in English Studies

CREDIT HOURS 3.0

PREREQUISITES Engl 2120, 2130, 2140, or 3040 with grade of C or higher

DESCRIPTION This course gives students a foundation in the philosophy and practice of teaching English Studies in secondary education or in other educational settings where literacy is taught. Course materials and activities will explore the teaching profession through the study of scholarly and popular texts which explicitly address teaching and will focus on the specific challenges and opportunities associated with teaching a particular specialty within the field of English studies.

ENGL 4300 Senior Seminar: Literary Studies-CTW

CREDIT HOURS 3.0

PREREQUISITES Majors must have completed at least twelve semester hours of upper-division English course work before registering

DESCRIPTION Limited to 15 students. For English majors only. Opportunity for advanced research and completion of a project. Each seminar focuses on a problem, question, issue, or specialized subject. Topics vary. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 4310A Senior Seminar: Workshop in Poetry-CTW

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150A and ENGL 3170 with grades of C or higher

DESCRIPTION For English majors only. Majors must have completed at least twelve semester hours of upper-division English coursework before registering. Writing and critique of student work at an advanced level. (Limited to 15 students.) Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 4310B Senior Seminar: Workshop in Fiction-CTW

CREDIT HOURS 3.0

PREREQUISITES ENGL 3150B, ENGL 3160, and ENGL 3180B with grades of C or higher

DESCRIPTION For English majors only. Majors must have completed at least twelve semester hours of upper-division English coursework before registering. Writing and critique of student work at an advanced level. (Limited to 15 students.) Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 4320 Senior Seminar in Rhetoric & Composition

CREDIT HOURS 3.0

PREREQUISITES ENGL 2150 or ENGL 3050 with grade of C or higher, and at least twelve hours of upper-division courses in rhetoric and advanced composition and technical and professional writing

DESCRIPTION Limited to 15 students. For English majors only. Opportunity for advanced research and completion of a project in rhetoric or composition. Topics vary. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 4330 Senior Seminar: Secondary English Education-CTW

CREDIT HOURS 3.0

PREREQUISITES twelve hours upper-division English prior to registration

DESCRIPTION English majors only. Opportunity for advanced research and completion of a project. Each seminar examines a set of texts in relationship to effective pedagogical strategies. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all English majors.

ENGL 4400 Graduation with Distinction Project

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of department; information available upon request

DESCRIPTION

ENGL 4500 Internship

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Non-major prerequisite: consent of the department; information available on request. Strongly recommended for those wishing to pursue a career in writing or editing. Field experience in writing, editing, and research. This course may include a Signature Experience component.

ENGL 4510 Grant and Proposal Writing

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Study and practice in grant and proposal writing in business and organizational settings.

ENGL 4521 Archival Research Methods

CREDIT HOURS 3.0

DESCRIPTION Non-major prerequisite: ENGL 1102 or ENGL 1103 with grade of C or higher. Cross listed with ENGL 6521. Introduces students to archival research methods through the study of print and digital primary resources. Includes study of methodologies, methods, material conditions of archival collections, researcher positionality, and the cultural contexts of production and collection of primary materials.

ENGL 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

ENGL 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION Prerequisites:ENGL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor. Writing or production of honors thesis or project. This course may include a Signature Experience component.

ENGL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

ENI ENTREPRENEURSHIP MINOR

ENI 3101 Entrepreneurial Thinking for Startups

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS CSP 1, 2, 6, 7

DESCRIPTION An end-to-end overview into the philosophy, attitudes, perceptions, behaviors, concepts, theories, methods, tools, and techniques to effectively think and act entrepreneurially. The focus is on new entrepreneurial ventures and how startups differ from existing businesses and challenges that entrepreneurs face when innovating under conditions of high uncertainty. The course explores a disciplined approach to discovering unmet customer needs, designing compelling value propositions, and pitching these to customers and investors. Students engage in team activities and a team field study project that establishes a relationship with a local startup and/or Atlanta's startup ecosystem – startup accelerators, development programs, incubators, networking groups, and funding.

ENI 3102 The Startup Venture

CREDIT HOURS 3.0

PREREQUISITES ENI 3101

REQUIREMENTS CSP 1, 2, 6, 7

DESCRIPTION Once authentic demand has been discovered (ENI 3101), the entrepreneur must create a product/service that will profitably meet that demand. This course introduces the concepts, theories, methods, tools, and techniques to effectively turn a verified value proposition into a product/service that customers' want and that will drive requisite revenue streams for the venture. Students learn a disciplined approach to capturing and prioritizing the customers' desired outcomes and then iterating through business model designs, solution designs, prototypes, and testing cycles until a business model for the new product/service is validated. The course also explores entrepreneurial leadership as well as startup funding opportunities and practices.

ENI 3103 Commercializing the Startup

CREDIT HOURS 3.0

PREREQUISITES ENI 3101

REQUIREMENTS CSP 1, 2, 6, 7

DESCRIPTION Introduces students to the concepts, theories, methods etc., to commercialize a validated business model (ENI 3101). Students learn how to use various traction strategies to reach customers and ramp up revenue streams, and find the best position alignment between a startup's solution and the target market. The course also introduces students to the venture capital funding process, the players involved in this process, strategies for raising money for a startup, capitalization tables, negotiating tactics, letters of intent, and more. Students also learn more about the Georgia funding community. Students engage in team activities while in class and student teams create a mock startup that takes them through the steps in the startup journey – particularly the channel traction testing process.

ENI 4100 From Startup to Growth Company

CREDIT HOURS 3.0

PREREQUISITES ENI 3101 and ENI 3102 and ENI 3103

REQUIREMENTS CSP 1, 2, 6, 7

DESCRIPTION This course focuses on the company-building phase of the startup lifecycle. Once a startup has validated traction for its business model, it is set to make the transition to an early stage growth company. This transition is replete with often formidable challenges. The course examines the decisions, often difficult, that founders are required to make and the resulting trade-offs that they must accept in this transition. Decisions with regard to gearing up for and financing rapid growth, changes in company governance, intellectual property licensing, patents and trademarks, growth strategy, competitive response and replication, building business operations, strategic marketing, staffing, financial and risk management, and exit strategies are some of the issues dealt with in the course.

EPRS 4900 Methods of Research in Human Learning and Development-CTW

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to research in human learning and development, with instruction in the basic concepts, epistemologies, and methods used in such research. Objectives for the course include developing capacities to read, summarize, organize, critique, and design research. This course has been identified as a "Critical Thinking Through Writing (CTW)" course.

EXC EXCEPTIONAL CHILDREN

EXC 1001 Elementary American Sign Language I

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to understand and use American Sign Language grammar, signs, fingerspelling and nonmanual markers at the basic level. Students receive an orientation to Deaf culture and explore the Georgia Performance Standards (GPS) for ASL.

EXC 1002 Elementary American Sign Language II

CREDIT HOURS 3.0

PREREQUISITES EXC 1001 with a grade of "C" or higher

DESCRIPTION This course prepares students to understand and use American Sign Language grammar, signs, fingerspelling and nonmanual markers at the Intermediate level. Students receive an orientation to Deaf culture and explore the Georgia Performance Standards (GPS) for ASL.

EXC 2001 Intermediate American Sign Language I

CREDIT HOURS 3.0

PREREQUISITES EXC 1001 with a grade of "C" or higher and EXC 1002 with a grade of "B" or higher

DESCRIPTION This course prepares students to understand and use the grammar, signs, fingerspelling, and classifier system of ASL at the Intermediate Plus level. Students refine expressive and receptive skills and engage in extended discourse.

EXC 2002 Intermediate American Sign Language II

CREDIT HOURS 3.0

PREREQUISITES EXC 1001 with a grade of "C" or higher; EXC 1002 with a grade of "B" or higher; and EXC 2001 with a grade of "B" or higher

DESCRIPTION This course continues the study of ASL, Deaf Culture, deaf literature and poetry, and extended discourse at the advanced intermediate level. Is surveys the skills associated with the ASL GACE.

EXC 3560 Observation and Assessment of Infants, Toddlers, and Preschoolers

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education and EDUC 2300; or permission of the instructor

DESCRIPTION This course provides an in-depth examination of models, methods and instruments used in the assessment process with infants, toddlers and preschool children. Content includes play based assessment, test construction, legal issues and legislative requirements, standardized instruments, observational techniques and other informal evaluation approaches.

EXC 4010 Characteristics of Students with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course provides a study of the historical and legal treatment and actions, identification, classification, eligibility, and the unique characterics of individuals with disabilities who require accommodations and adaptations throughout their life cycles. The course includes knowledge of all areas of exceptionalities with particular emphasis on those individuals with mild behavior learning disabilites. The course includes an analysis of individuals across classification categories (i.e., students with mild disabilities) as well as an in depth review of all areas of exceptionalities per Georgia House Bill 671.

EXC 4020 Characteristics and Instructional Strategies for Students with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide the student with an overview of the identification, classification, eligibility, and the unique characteristics of individuals with disabilities who require accommodations and adaptations throughout their life cycle. The course will focus on basic instructional strategies used to teach these individuals. The course includes an analysis of individuals across classification categories as well as an in depth review of all areas of exceptionalities per Georgia House Bill 671.

EXC 4350 Orientation to Deafness

CREDIT HOURS 3.0

DESCRIPTION This course is an overview of the field of deafness. Topics include psychosocial aspects of deafness, educational settings, modes of communication, technology, vocational opportunities, social-emotional development, and needs of the deaf and hard of hearing population with multiple disabilities. EXC 4350 will be cross-listed with EXC 6350.

EXC 4365 Audiological Considerations

CREDIT HOURS 3.0

DESCRIPTION An introduction to the types and causes of hearing loss, orientation to hearing testing, and characteristics and needs of individuals with hearing loss. EXC 4365 will be cross-listed with EXC 6360.

EXC 4370 American Sign Language and Deaf Culture I

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to understand and use American Sign Language grammar, signs, finger spelling, and non-manual markers at the survival level. Students receive an orientation to and experience with deaf culture. (Taught with EXC 6370).

EXC 4380 American Sign Language and Deaf Culture II

CREDIT HOURS 3.0

PREREQUISITES EXC 4370 or a survival rating on the Signed Communication Proficiency Interview

DESCRIPTION This course prepares students to understand and use the grammar, signs, finger spelling, and non-manual markers of American Sign Language at the intermediate level. Students increase their understanding of deaf culture and community options. (Taught with EXC 6380).

EXC 4390 Reading and Writing Instruction for Deaf/Hard of Hearing

CREDIT HOURS 3.0

PREREQUISITES Consent of the Instructor

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION The purpose of this course is to provide students with techniques and strategies for assessing and teaching reading written language skills to students with hearing losses. Assessment, lesson planning, and effective instruction are addressed. This course is cross-listed with EXC 7390.

EXC 4400 Methods of Teaching Students Who Are Deaf/Hard of Hearing

CREDIT HOURS 3.0

PREREQUISITES consent of the instructor

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION The purpose of this course is to provide students with techniques and strategies for assessing and teaching students who are deaf/hard of hearing whether in resource, self-contained, or inclusive settings. Lesson planning, classroom management, curriculum, and effective instruction are addressed. This course is cross-listed with EXC 7400.

EXC 4430 Auditory and Speech Development in Students Who Are Deaf/Hard of Hearing

CREDIT HOURS 3.0

PREREQUISITES consent of the instructor

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION The purpose of this course is to prepare teachers of students who are deaf/hard of hearing to provide appropriate assessment and intervention to enhance speech and listening skills in clinical and classroom contexts. This course is cross-listed with EXC 7430.

EXC 4460 Language Development in Students Who Are Deaf/Hard of Hearing

CREDIT HOURS 3.0

PREREQUISITES Consent of Instructor

REQUIREMENTS A minimum grade of "B" (not a "B-") is required for this course

DESCRIPTION Students learn to evaluate, plan for, and teach the English language to students with hearing losses. Study covers analytic/syntax-based and synthetic/pragmatic-based models as well as ASL/ESL approaches. This course is cross-listed with EXC 7360.

EXC 4500 Environmental and Medical Issues for Children Birth to Five

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education and KH 2360

DESCRIPTION This course emphasizes developmental and psychological issues of children with medical needs and their caregivers. Teacher candidates will learn to function as part of a health care team. The impact of medical conditions on family concerns, resources, and priorities will be examined. Topics include health protection and health promotion, infectious diseases, chronic illnesses, nutrition plans, and feeding strategies.

EXC 4520 Methods for Teaching Infants and Toddlers with Disabilities

CREDIT HOURS 4.0

PREREQUISITES Admitted to Teacher Education and EXC 4020; or permission of instructor

COREQUISITES BRFV 4380

DESCRIPTION This course is designed to provide the knowledge and skills necessary to be effective professionals in providing early intervention services for families, infants, and toddlers with disabilities and those at-risk for developmental delays. Emphasis is placed on parent-professional collaboration and interagency/interdisciplinary planning and design of family-directed, culturally sensitive individual family service plans (IFSP). The course includes an overview of a variety of curriculum models and instructional strategies for use in intervention practice (Includes field experience).

EXC 4530 Methods for Teaching PreKindergarten and Kindergarten Children with Disabilities

CREDIT HOURS 4.0

PREREQUISITES Admitted to Teacher Education and EXC 4020; or permission of instructor

COREQUISITES BRFV 4390

DESCRIPTION This course is designed to provide teacher candidates with the practical skills and techniques for working with preschool children with disabilities and their families with respect to cultural and linguistic differences in a variety of settings. Content includes curriculum models, intervention strategies, service delivery models, and design of family-directed, culturally sensitive individual education plans (IEP) (Includes field experience).

EXC 4560 Educational Evaluation of Students with Disabilities

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION This course is the study of the process of gathering information regarding the individual strengths and needs of students with disabilities. It introduces both formal and informal evaluation procedures used in special education settings. Students select and administer both formal and informal assessment instruments and use the data from these assessments for eligibility decision making, instructional planning, and progress monitoring. Limitations of assessment tools related to test bias and cultural and linguistic concerns are addressed in the areas of test selection, administration, and interpretation of test results. Technology that facilitates the assessment process is used throughout the course.

EXC 4570 Individual and Classroom Management

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION The course is designed to promote skill development in the use of empiracally validated methodology on the formation of interventions and effective management strategies for individuals as well as groups across a variety of learning environments. Participants develop an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interactions, active engagement in learning, and self motivation. A case study approach is used to promote reflection, evaluation, synthesis, and application of principles learned.

EXC 4580 Instructional Methods for Students with Behavior Learning Disabilities

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION This course focuses on the fundamental elements of design, implementation, and evaluation of individualized programs based on educationally relevant characteristics of students with mild behavioral and learning disabilities. Research- based strategies and materials for instruction and technology use in the areas of reading, math, and written language are described and demonstrated with an emphasis on explicit teaching approaches.

EXC 4590 Functional and Social Methods for Students with Behavior Learning Disabilities

CREDIT HOURS 3.0

PREREQUISITES EXC 4010 or EXC 4020

DESCRIPTION This course focuses on the development, implementation, and evaluation of strategies and methods to promote the acquisition of critical functional life skills in students with mild disabilities. A major focus is the use of integrated thematic instruction which embeds functional skills in the content area. Adaptive behaviors and strong determination of students' success in various contexts are also included.

EXC 4600 Infusing Co-teaching Strategies across the Content Areas

CREDIT HOURS 3.0

DESCRIPTION Instructional models for both special and general education teachers have significantly changed over the last decade as greater numbers of students with disabilities are served in inclusive co-taught classrooms. In this course, students will examine consultative strategies, cooperative teaching techniques, and other culturally-responsive methods that have been designed to foster student performance in diverse inclusive settings. The primary focus of the course is on the development of the collaborative and technical skills of co-teaching across the content areas. EXC 4600 will be cross-listed with EXC 6600.

EXC 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students gain practical experiences in the school and classroom during the week of preplanning and the first week of school. While assisting in the classroom, students learn effective procedures for beginning the school year. This course may include a Signature Experience component.

EXC 4661 Practicum I: Special Education General Education: Consultative

CREDIT HOURS 3.0

PREREQUISITES admission to BLD program;

DESCRIPTION Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required for this course. This field-based experience is the first of two required practica for students seeking initial licensure in special education general education curriculum: consultative. This practicum provides students with an opportunity to develop and practice skills in delivering instruction and assessment with students who have mild disabliities. The student completes the requirements for this practicum with a supervising teacher in a public school setting. The placement requires 15-20 hours per week in classroom settings working with students with behavior learning disabilities. This course may include a Signature Experience component.

EXC 4671 Educational Partnerships and Practicum II: Special Education General Curriculum: Consultative

CREDIT HOURS 3.0

PREREQUISITES EXC 4570, EXC 4580, EXC 4590, and EXC 4661 with a grade of B or higher

DESCRIPTION This is the second of two required practica for students preparing for initial licensure in special education general education curriculum: consultative. This course includes the study of family systems and parenting perspectives, effective communication, and models of collaboration. Students are placed in public school settings for the entire school day during the semester of their practicum. Various means of collaboration within the school setting are discussed as well as roles and responsibilities of school personnel in consultation, collaboration, and teamwork during the required seminars. Learners demonstrate an understanding of the importance of collaboration in specific special education activities such as pre-referral teams, assessment, IEP/ITP meetings, and consultation with general education teachers regarding strategies for working with students with disabilities. This course may include a Signature Experience component.

EXC 4820 American Sign Language Visual Resources Lab A

CREDIT HOURS 1.0

PREREQUISITES EXC 1002

DESCRIPTION The purpose of this course is to involve students in the further development of their American Sign Language skills to meet the Deaf Education sign language requirement. The course is an unsupervised, independent, and individualized lab to give students more active practice.

EXC 4830 American Sign Language Visual Resources Lab B

CREDIT HOURS 1.0

PREREQUISITES EXC 1002

DESCRIPTION The purpose of this course is to involve students in the further development of their American Sign Language skills to meet the Deaf Education sign language requirement. The course is an unsupervised, independent, and individualized lab to give students more active practice.

EXC 4840 American Sign Language Visual Resources Lab C

CREDIT HOURS 1.0

PREREQUISITES EXC 1002

DESCRIPTION The purpose of this course is to involve students in the further development of their American Sign Language skills to meet the Deaf Education sign language requirement. The course is an unsupervised, independent, and individualized lab to give students more active practice.

EXC 4920 Practicum I: Deaf/Hard of Hearing

CREDIT HOURS 3.0

PREREQUISITES Consent of the Program Coordinator

DESCRIPTION This intensive practicum course provides opportunity for initial in-depth experiences with deaf and hard of hearing students. This course is cross-listed with EXC 7920.

EXC 4940 Student Teaching: Deaf/Hard of Hearing

CREDIT HOURS 9.0

PREREQUISITES Consent of the Program Coordinator

REQUIREMENTS A minimum grade of B is required for the course

DESCRIPTION This course is the final capstone student teaching course that provides opportunity for in-depth experiences with deaf and hard of hearing students in the field. This course is cross-listed with EXC 7940.

FILM 1010 Film Aesthetics and Analysis

CREDIT HOURS 3.0

DESCRIPTION Introduction to the cinematic techniques and themes utilized by film directors from around the world. Lectures, screenings, and discussions.

FILM 2600 Radio/TV New Media History

CREDIT HOURS 3.0

DESCRIPTION An overview of the history of radio, television and new entertainment media in the cultural contexts in which they emerged and have evolved into the 21st century. Discusses the local, national, and international media environments that influenced broadcasting media forms and charts aesthetic, audience, production, regulatory, industrial and technological developments and the social meanings and debates provoked by programming.

FILM 2700 History of the Motion Pictures

CREDIT HOURS 3.0

DESCRIPTION Historical and critical survey of the evolution of motion pictures as an art form and as a distinctive medium of communication. Lectures, screenings, and discussions.

FILM 2800 Film 2800 Introduction to Media Studies

CREDIT HOURS 3.0

DESCRIPTION Hours: 3.0 An overview of how industrial, regulatory, economic, and cultural forces interact in the production, distribution and reception of media texts. Considers the ideological and institutional structures that impact our experience of cultural forms.

FILM 2900 The Language of Film Through Production

CREDIT HOURS 3.0

DESCRIPTION Introduction to time-based media production and analysis. Media production activities, lecture, screening and discussion. 3.0 credit hours.

FILM 3000 Lighting Design for Theatre, Film, and Television

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as JOUR 3000 and THEA 3000.) Principles, processes, and aesthetics of lighting design for the theatre, film, and television. Lectures, discussions, and design practica aid students in the development of a lighting plot. Production crew work required.

FILM 3115 Screenwriting & Visualization for the Short Film/video

CREDIT HOURS 4.0

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Students will develop fiction scripts and/or non-fiction/documentary proposal documents for short film/video projects. Narrative and rhetorical strategies will be explored through characterization, structure, conflict and dialog/voice-over. Course provides an in-depth experience for students intending to make a short film or video in subsequent production courses from the script or proposal developed in the course.

FILM 3155 Digital Cinematography

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION A comprehensive introduction to cinematography. The course covers framing and lighting for different film and electronic imaging formats. Out of class collaboration is required. Student must bear all additional costs for productions during the semester.

FILM 3300 Dramatic Writing for Stage and Screen

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. (Same as THEA 3300.) Basic principles of generating creative concepts, writing in dialogue form, dramatic structure, characterization, and using page formats for both play and screenplay. Students will write short pieces in both forms.

FILM 4000 Acting and Directing

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Acting and Directing for the Camera. An in-depth exploration of approaches to performance for the actor and director of film and television production. Extensive out of class collaboration is required.

FILM 4120 Production I

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Two lecture and two laboratory hours per week. Introduction to film-style, digital video production with an emphasis on story development, basic editing technique and dynamic camerawork as a means to develop directorial vision. Students will produce short fiction, non-fiction and experimental projects. (Special authorization required. See degree requirements).

FILM 4125 Community-Based Media Production

CREDIT HOURS 4.0

PREREQUISITES FILM 4120 with grade of C or higher

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two lab hours. Seminar combines service learning and advanced digital video production to preserve stories of overlooked local communities. (Special authorization required. See degree requirements).

FILM 4130 Production II

CREDIT HOURS 4.0

PREREQUISITES FILM 4120 with grade of C or higher

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two laboratory hours per week. Advanced course in film-style, digital video and/or film production with additional focus on advanced story development, directing, lighting and sound. Students will pre-produce, produce and/or post-produce fiction, non-fiction and/or experimental projects. (Special authorization required. See degree requirements).

FILM 4135 Modes of Film and Digital Production

CREDIT HOURS 4.0

PREREQUISITES FILM 4120 with grade of C or higher

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. In-depth investigation into various modes and methods of film and digital production, including fiction, documentary, experimental, personal narrative, web video, interactive media, directing, cinematography, post-production, and sound design. May be repeated once if topic varies.

FILM 4140 Serial TV Production

CREDIT HOURS 4.0

PREREQUISITES FILM 4120

DESCRIPTION Only students who have met the Film major Eligibility Requirements may enroll in this course without department approval. All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment. The creative, technical and managerial process of developing serialized entertainment for television as it propagates the Internet, both as audio-visual entertainment and audience response data. Students will learn the development, production, post-production, dissemination and analytic stages of contemporary New Media television practice by working in teams to produce a serial or episodic internet-based TV show. Extensive collaborative production required.

FILM 4145 Digital Editing Prerequisite: Film 4120

CREDIT HOURS 4.0

DESCRIPTION Only students who have met the Film major Eligibility Requirements may enroll in this course without department approval. All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment. An exploration of editing media through the manipulation of images and sound.

FILM 4150 Documentary Production

CREDIT HOURS 4.0

PREREQUISITES FILM 4120 with grade of B or higher

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two lab hours. Advanced documentary digital video production with a focus on a variety of formal approaches to non-fiction filmmaking. (Film majors only: special authorization required. See degree requirements).

FILM 4155 Producing Emerging Media

CREDIT HOURS 4.0

PREREQUISITES FILM 4120 with a grade of B or higher

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Two lecture and two laboratory hours. Students analyze and produce new media and then create a series of new and emerging media products. Students learn to use new forms of distribution and master promotional tools to build an audience for their work. Film majors only.

FILM 4156 Media Entrepreneurship

CREDIT HOURS 4.0

PREREQUISITES FILM 4120

DESCRIPTION Only students who have met the Film major Eligibility Requirements may enroll in this course without department approval. All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment. Students will develop or continue to develop a media concept, business or technology through an intensive semester long curriculum structured as an incubator/accelerator. This class will study the convergence of media producer and media entrepreneur while students create at the intersection of media, business and technology and culminate with a final presentation of the student⊠s pitch and prototype to media industry professionals.

FILM 4157 Cross-Media Design Prerequisite: Film 4120

CREDIT HOURS 4.0

DESCRIPTION Only students who have met the Film major Eligibility Requirements may enroll in this course without department approval. All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment. Design multimedia stories from the ground up in which movies, video games, web sites, smart phone applications, comic books, and other media are equal partners and all elements of a complete story.

FILM 4158 New Media Production

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film major eligibility requirements may enroll in this course without department approval

REQUIREMENTS All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment

DESCRIPTION An exploration of the production visual and audio assets for Internet transmission and interactive media experience, using techniques and forms that best utilize the evolving aesthetics of the digital and interactive media cultures of the moment. New concepts of interactive storytelling in documentary and/or fiction, and for the visualization of characters and their settings will blend cinematic aesthetics with other aesthetic systems.

FILM 4159 Computational Media

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film major eligibility requirements may enroll in this course without department approval

REQUIREMENTS All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment.

DESCRIPTION An introduction to the production of creative components of interactive and digital media derived from code and computation that is at the forefront of new forms of personal and public expression. Popular culture in the form of games, websites, interactive television, interactive animation and digital art use computational media, and will be the genres that students will produce.

FILM 4165 Special Production Topics

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES Consent of Instructor

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Supervised experience in individual projects developed out of the student's professional or vocational interests and responsibilities. There is a fee associated with this course that must be paid on enrollment in the course. May be repeated once if topic varies.

FILM 4170 American Film History I

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Discussion of the structural, aesthetic, and social factors that shaped American film from its inception through the classic studio period.

FILM 4180 International Cinemas

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An examination of a specific major international film industry or movement and its contributions to world cinema. Films will be studied in their immediate cultural and larger historical and critical contexts. May be repeated once if topic varies.

FILM 4185 Global Media and Culture

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Critically examines the ideological, cultural, economic, social, political and industrial dimension of media globalization, drawing on examples from diverse geographical and cultural locations, and reviews the main theoretical debates shaping contemporary conversations about globalization, media and culture. 3.0 credit hours. Global Perspectives Course.

FILM 4190 US Independent Film History

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION An examination of the industrial, socio-cultural and formal-aesthetic characteristics of independently produced, distributed and/or exhibited American films. This course also addresses the validity and usefulness of the "independent" label within the present media context.

FILM 4200 Television Analysis

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Examination of contemporary television's formal-aesthetic traits as well as its shifting position as a cultural, social, political and industrial force. Exploration of how television is being transformed as it converges with other digital technologies.

FILM 4210 Critical History of Radio and Television

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION History of television and its origins in radio, focusing on the medium as a technology, an industry, a site of gender and racial representation, a component of American social history, and a cultural forum.

FILM 4240 Documentary Studies

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. The history of non-fiction film and production.

FILM 4250 Producing for Television and Film

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Role of the producer in television and film. Refinement of skills in developing program ideas, supervising production, and financing projects.

FILM 4260 Adapting Literature to Film

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION A study of how one medium is transformed into another based on a close reading of both. Adaptation theory will be included, as well as a consideration of the interim screenplay and the film production process where possible.

FILM 4280 Authors and Genres

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Study of genre theory as applied to specific genres such as western, melodrama, comedy, and detective film. May be repeated once if topic varies.

FILM 4310 Feature Screenwriting I

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Principles of writing the full-length screenplay for feature film. Preparation for and writing of the first half of the screenplay. The second half will be completed in the sequence course, FILM 4320: Feature Screenwriting II.

FILM 4320 Feature Screenwriting II

CREDIT HOURS 3.0

PREREQUISITES FILM 4310 with grade of C or higher

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Principles of writing the full-length screenplay for feature film, including contest competitions and marketing. Writing and revising the second half of the screenplay begun in FILM 4310: Feature Screenwriting I.

FILM 4361 Sound Design

CREDIT HOURS 4.0

PREREQUISITES FILM 4120; only students who have met the Film major eligibility requirements may enroll in this course without department approval

REQUIREMENTS All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment.

DESCRIPTION The expressive aesthetics of motion picture sound, its technology and methods of production will provide students the foundations for creating soundtracks for their own films in progress, or for films already completed. Extensive lab time is required. Students must be able to work collaboratively to produce studio and field recordings.

FILM 4365 Experimental Media Production

CREDIT HOURS 4.0

PREREQUISITES FILM 4120; only students who have met the Film major eligibility requirements may enroll in this course without department approval

REQUIREMENTS All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment

DESCRIPTION An advanced production course that explores highly-personal avant-garde and experimental media making by any means necessary, including but not limited to: experimental documentary and fiction, found footage/cameraless filmmaking, new media, web video, mobile media, video art, installation, etc.

FILM 4370 Visual Effects for Film

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION This course will explore concepts of visual effects for film, television and games. These concepts will be applied to practical exercises where student will learn to manipulate media through compositing and 2-D animation.

FILM 4375 Music Video Production

CREDIT HOURS 4.0

PREREQUISITES FILM 4120; only students who have met the Film major eligibility requirements may enroll in this course without department approval

REQUIREMENTS All 3000-4000 level Film/Video courses require students to have a minimum GPA of 2.5 to FILM Area F courses prior to enrollment.

DESCRIPTION This advanced course explores the history and developing aesthetics of music video through hands-on production exercises and projects. Participants learn about, analyze, and discuss the variety of modes in which musicians promote themselves, express their worldviews, and tell stories through the music video medium.

FILM 4650 Media Theory

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Theoretical writing about television and other media from a cultural studies perspective. Critical Thinking Through Writing Course.

FILM 4750 Film Theory and Criticism-CTW

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Film form and techniques; theoretical and critical writing about film; screenings. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all film majors.

FILM 4760 African Americans in Film

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as AAS 4900.) Mainstream Hollywood representation of African-Americans and the alternative film portrayals by African-American producers.

FILM 4765 Gender in Film and Television

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Examines representations of gender in film and media from a variety of analytical perspectives as a way to understand social relations and cultural practices.

FILM 4770 Race and Representation

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Race as theory and method of representation across media and cultural spheres. Emphasis on close analysis of formal and social construction of racial meanings in national and international contexts. May be repeated once if content varies.

FILM 4780 Special Topics

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. May be repeated once if topic varies.

FILM 4800 Media Industries

CREDIT HOURS 3.0

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Technological, economic, historical, political, and social forces that shape the film, television, and media industries.

FILM 4810 Media and Popular Culture

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (For Film majors only.)(Same as JOUR 4810.) Examination of mediated popular culture forms from a variety of analytical perspectives as a way to understand social structures and everyday practices. Emphasis on dominant cultural and subcultural readings of artifacts produced by the media.

FILM 4840 Computer Graphic Imaging

CREDIT HOURS 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as CSC 4840 and GRD 4840.) Study the theories, techniques and tools for creating 3D graphics content. Topics include 3D modeling, camera, lighting, materials, texture mapping, physics based modeling, basic animation, and rendering techniques (such as tracing and radiosity).

FILM 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings and research preparatory to honors thesis or project. This course may include a Signature Experience component.

FILM 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES FILM 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

FILM 4890 Special Projects

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES Nine hours major credit and consent of instructor

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Individually designed project in the area of film utilizing on-campus and/or field resources. May be repeated for a maximum of nine hours.

FILM 4910 Senior Seminar in Film-CTW

CREDIT HOURS 3.0

PREREQUISITES Senior class standing

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. An in-depth examination of the relationship between media authors and audiences, resulting in a significant research/creative project. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all film majors.

FILM 4915 Special Production Project

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Supervised experience in individual projects developed out of the student's professional or vocational interests and responsibilities. There is a fee associated with this course that must be paid on enrollment in the course.

FILM 4960 American Film History II

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION American film from the post-classical period to the present. Discussion of the semiotics, aesthetics, economics and politics of Hollywood and independent cinema.

FILM 4980 Internship

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES eligibility criteria may be obtained from Department of Communication Internship Coordinator

DESCRIPTION Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. Representative field experiences in film and video. This course may include a Signature Experience component.

FILM 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

FILM 4999 Directed Readings

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Only students who have met the Film and Video Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION

FI 3010 Consumer Finance

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION (This course may not be counted for degree credit by students seeking the B.B.A. degree.) This is a survey course in consumer and personal finance. Topics include goal setting, budgeting, purchasing, and insurance/investment analysis. The course is "practical" as opposed to "theoretical" in content and is presented from the consumer's point of view. The purpose of the course is to allow students to learn to apply finance decision techniques to everyday life.

FI 3300 Corporation Finance

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106

COREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION B.B.A. students may not register for this course until ECON 2105, and ECON 2106, and ACCCT 2102 are passed with degree credit, CSP 1, 2, 6. This is an introductory course in the financial management of nonfinancial corporations and the role of interest rates and capital markets in the economy. Topics include the structure and analysis of financial statements, time value of money calculations (using financial calculators), stock and bond valuation, financial forecasting, valuation of income-producing physical assets, determination of the cost of capital and the profitability of proposed investments in fixed assets, risk-return tradeoffs that must be considered in using financial leverage, and methods used in obtaining funds from the various capital markets. This course is taught mainly through lectures and class discussions of textual materials and problems.

FI 4000 Fundamentals of Valuation

CREDIT HOURS 6.0

PREREQUISITES FI 3300, and MATH 1070 and BCOM 3950 and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course develops core competencies that all finance majors should possess. Topics include foreign exchange markets, interest rate risk, term structure theory, introductory option pricing, future markets, valuation, and modern portfolio theory. Quantitative methods examined in conjunction with each topic.

FI 4020 Financial Analysis and Introduction to Loan Structuring-CTW

CREDIT HOURS 3.0

PREREQUISITES FI 3300

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course satisfies critical thinking through writing requirements. Students intensively examine financial statements and business characteristics to learn the information content of financial statements. Applications focus on how they can be used to identify the pattern of funds need for a business and the best financing vehicle to meet that need. The primary tools of analysis are financial statement construction, cash flow statements, financial ratios, common-sized statements, cash budgets, proforma statements, sustainable growth rates, and cost-volume- profit analysis. Students evaluate the needs of a variety of companies that differ with respect to type, industry, profitability, growth, seasonality, cyclicality, and degree of distress. The primary teaching method is case analysis, and a significant course objective is development of communication skills.

FI 4040 Foundations in International Finance

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course exposes students to foreign exchange risk and develops their understanding of institutional realities encountered by the financial manager in a global economic environment. Activities of currency arbitrage, hedging, and speculation are examined in light of exchange rate regimes, eurocurrency markets, the balance of payments, mechanics of foreign exchange conditions in international finance, and international trade activities. Global Perspectives Course.

FI 4080 Financial Modeling

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6

DESCRIPTION This course presents the tools necessary to build advanced Excel spreadsheets for financial decision making. Topics include financial statement modeling, firm valuation, portfolio construction, risk measurement, term structure modeling and option valuation. The spreadsheets created in this course will feature Visual Basic Applications, pivot tables, regression analysis, matrix operations, solver and goal seek.

FI 4200 Introduction to Derivative Markets

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course introduces students to derivative instruments, which are contracts whose values derive from prices of underlying assets and goods such as equities, currencies, debt, and commodities. The main focus is on the valuation and application of the principal derivative building blocks including futures and forward contracts, options, and swaps. Coverage is given to the market structure and to how these products are specifically used by corporations and financial institutions for controlling financial market risks. The course keeps abreast of global developments and new product innovations.

FI 4210 Portfolio Management Practicum

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES FI 4000

REQUIREMENTS CSP 1, 2, 6

DESCRIPTION Registration is subject to instructor approval. Students meet weekly to manage an all equity security portfolio. Financial decision making is emphasized through use of quantitative and relative valuation models. Topics include sources of investment information, financial statement analysis, determination of cash flows, equity valuation, technical analysis, behavioral finance, investment policy statement, sector allocation, risk, and performance attribution. Effective presentation and persuasion skills emphasized. First semester Bloomberg certification is part of evaluation criteria. Second semester Series 65 and CFA Ethics Self-Test are part of evaluation criteria. Students are expected to repeat this course for a total of 3 hours credit.

FI 4240 Global Portfolio Management

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Using FI 4000 as a base, this course explores the practical aspects of investment valuation and portfolio management in a global framework. The focus is on market microstructure, framework, bond-equity-portolio management, and overall asset allocation. Practical aspects of portolio management are introduced through lectures and class discussions of journal articles and of cases.

FI 4260 Hedge Funds, Mutual Funds, and Trading Strategies

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This is an advanced undergraduate elective course on investment funds including hedge funds, mutual funds, and exchange-traded funds (ETFs). The course will cover their organizational forms, performance, and risk-return characteristics. The course will consider many of the trading strategies employed by funds such as long-short equity, merger arbitrage, relative value arbitrage, and convertible arbitrage. Students will gain skills in designing and proposing risk-appropriate trading strategies to meet client needs. The course will also reflect ongoing developments and changes in markets, demographics, legal environment, regulations, and technology.

FI 4300 Advanced Corporate Finance

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course develops a framework for analyzing corporate investment and financial decisions facing financial managers and introduces students to the tools to make such decisions. Students are introduced to the central issues in capital structure and dividend policy decisions and the interaction between financing and investment decisions. Techniques are introduced for evaluating strategic investments in technology, mergers and acquisitions, corporate restruc- turings and research and development. They also form the basis for the valuation of firms in traditional and new-technology industries and security offerings such as initial public offerings. A variety of pedagogical vehicles are used including problem solving, case studies, lectures, and group projects.

FI 4320 Corporate Financial Decision Making

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6

DESCRIPTION This course uses a combination of lectures, case analyses, class discussion, and projects to develop the ability and skills necessary to devise and implement strategic financial decisions within the firm. Students will learn how to bridge the conceptual foundations and the practice of finance to create and execute value-enhancing strategies under realistic scenarios. Specific topics may include the estimation of divisional cost of capital, project analysis, and firm valuation. The course will also cover selected topics such as incentive alignment, corporate governance, and financial restructuring based on current relevance and innovation in the field.

FI 4389 Directed Readings in Finance

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES FI 4000 and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

FI 4391 Field Studies in Finance

CREDIT HOURS 1.0 TO 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Prerequisite; FI 4000 and consent of instructor. The field study is a supervised, business-site learning experience that provides students the opportunity to learn and apply finance skills in a professional setting. Participating students are expected to perform business- related tasks for a designated number of hours each week, to attend educational lectures and seminars, and to submit assignments, projects and term papers. Participating students will be selected through a competitive review. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

FI 4400 Financial Institutions

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course examines the major financial management issues confronting depository financial service firms (commercial banks and bank holding companies, savings organizations, credit unions). Specific topics include the economics of intermediation; forces affecting change;legal/regulatory influences; profitability analysis; and management of various risk areas such as interest rate risk, liquidity risk, and capital management. One area not covered is loan analysis since the topic is treated in great depth in FI 4020. Classroom instruction includes lecture, discussion, and cases.

FI 4420 The Financial System

CREDIT HOURS 3.0

PREREQUISITES FI 4000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This is a macro-finance course, focusing on the broad issue of funds flows through the entire economy. The objective is to provide students with an understanding of the characteristics of the major financial markets and financial instruments, the identity and nature of the major players in those markets, the forces influencing how funds flow through the worldwide system, and the role of interest rates in the process. While the course does address the role of the Federal Reserve in the financial system, monetary theory and policy are not covered.

FOLK 3000 American Folklore

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Regional character of the United States, illustrated by a variety of folklore genres from each region, including legends, songs, customs, arts, and crafts.

FOLK 3100 Folklore and Literature

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Literary aspects of folklore relevant to the English major, including oral literature genres (especially the folktale and ballad) and analysis of the uses of folklore in literary works.

FOLK 4000 Georgia Folklife

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION European-American, African-American, and Native American traditions of the southeastern United States with concentration on Georgia, illustrated by materials from the Georgia Folklore Archives.

FOLK 4020 America’s Folk Crafts

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Traditional hand skills of North American folk-culture regions including folk arts, crafts, architecture, food-ways and preindustrial technology, their Old World sources, and display in folk museums.

FOLK 4050 Global Ceramic Traditions

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Cross-listed with FOLK 6050. An international survey of folk pottery from prehistory to today, combining material folklore study, art history, and cultural geography to explore continuity and change in hand-based technologies, societal uses and meanings of traditional clay products and aesthetics and creativity in each group's tradition.

FOLK 4100 British Folk Culture

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION The oral, musical, customary, and material traditions of England, Scotland, and Wales, including their regional variation and reflection of major historical currents.

FOLK 4110 Irish Folk Culture

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 or ENGL 1103 with grade of C or higher

DESCRIPTION Traditional culture from the Celts to the present, including saga literature, farmsteads and houses, music, singing, storytelling, and supernatural beliefs.

FORL FOREIGN LANGUAGE

FORL 2101 Introduction to Language

CREDIT HOURS 3.0

DESCRIPTION (Same as AL 2101.) A non-technical introduction to issues pertaining to language and languages, including language structure, first and second language acquisition, language variation (regional and social), and language change.

FORL 2102 Languages of the World

CREDIT HOURS 3.0

DESCRIPTION (Same as AL 2102.) Survey of the world's languages and an introduction to the variety of linguistic phenomena found in different languages.

FORL 3021 Introduction to Linguistics

CREDIT HOURS 3.0

DESCRIPTION (Same as AL 3021.) An introduction to the major areas of linguistics: phonetics, phonology, morphology, syntax, semantics, historical linguistics, and sociolinguistics.

FORL 3022 Foundations of Second Language Teaching

CREDIT HOURS 3.0

DESCRIPTION Introduction to theories of second language teaching. Topics covered include language acquisition, learner characteristics, learning styles and strategies, proficiency guidelines and standards, second language curricula at various levels, and lesson planning.

FORL 3041 Introduction to Second Language Acquisition

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 3041.) Introduction to processes of acquiring a second (foreign or additional) language. Compares the experiences of young children, adolescents, and adult-age language learners.

FORL 3300 World Literature in Translation

CREDIT HOURS 3.0

DESCRIPTION This course will promote a critical understanding of texts pertaining to various literary traditions, increasing student acquaintance with contemporary narratives of international background. The course will include a brief review of the national context of each of these literary works and position each text within the greater context of world literature. Global Perspectives Course.

FORL 4011 Phonetics and Phonology

CREDIT HOURS 3.0

PREREQUISITES FORL 3021 or AL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4011.) The description and classification of the sounds of human language; patterns of their occurrence and rules governing their use in various languages; emphasis on phonology in a generative framework.

FORL 4012 Morphology and Syntax

CREDIT HOURS 3.0

PREREQUISITES FORL 3021 or AL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4012.) Introduction to the basic concepts of syntax, including work classes, constituents, case systems, word order, and grammatical relations. Emphasis on comparison of syntax of a wide variety of languages.

FORL 4021 Foreign Language Educators and Technology

CREDIT HOURS 3.0

DESCRIPTION Introduction to the selection and use of technology resources in the Pre-K-12 classroom with special emphasis on foreign language instruction. Students learn how to integrate appropriate technologies into their classroom instruction in order to enhance pupil learning, language performance and cultural understandings. Students design, plan and produce educational materials using technology hardware and software, utilizing authentic websites and related material in their foreign language.

FORL 4025 Methods and Materials for Teaching Foreign Languages, P-8

CREDIT HOURS 3.0

DESCRIPTION Knowledge of learner characteristics, foreign language curricula and standards, content reinforcement, unit and lesson planning, coordination of materials and technology, and techniques for effective lesson implementation for grade levels P-8.

FORL 4026 Methods and Materials for Teaching Foreign Languages, 9-12

CREDIT HOURS 3.0

DESCRIPTION Knowledge of learner characteristics, foreign language curricula and standards, content reinforcement, unit and lesson planning, coordination of materials and technology, and techniques of effective lesson implementation for grade levels 9-12.

FORL 4027 Methods and Materials for Teaching Latin: P-12

CREDIT HOURS 3.0

DESCRIPTION Methodologies for teaching Latin in P-12; lesson planning, teaching culture, and classroom techniques; goals of a Latin curriculum year by year. Syntax and the natural method of reading Latin.

FORL 4030 (TE) Practicum in Foreign Language Education

CREDIT HOURS 3.0

PREREQUISITES FORL 4025 or FORL 4026 with grade of C or higher, or equivalent

DESCRIPTION Observation, lesson planning, and supervised micro-teaching with a variety of instructional techniques in grades P-8 and 9-12. Application of instructional and curricular theories; systemic analysis of decision-making processes in instruction. This course may include a Signature Experience component.

FORL 4060 (TE) Internship in Foreign Language Education

CREDIT HOURS 12.0

PREREQUISITES consent of instructor

DESCRIPTION Full-time teaching in elementary, middle, or high school under the supervision of a university supervisor with guidance from an on-site mentor. For provisionally certified teachers. This course may include a Signature Experience component.

FORL 4061 (TE) Student Teaching in Foreign Languages

CREDIT HOURS 4.0

PREREQUISITES completion of all other course in teacher education, and passing score on departmental language proficiency examination

DESCRIPTION Observation and teaching during the entire school day under the guidance of a selected classroom teacher. This course may include a Signature Experience component.

FORL 4062 (TE) Student Teaching in Foreign Language

CREDIT HOURS 4.0

PREREQUISITES completion of all other courses in teacher education, and passing score on departmental language proficiency examination

DESCRIPTION Observation and teaching during the entire school day under the guidance of a selected classroom teacher. This course may include a Signature Experience component.

FORL 4063 (TE) Student Teaching in Foreign Language

CREDIT HOURS 4.0

PREREQUISITES completion of all other courses in teacher education, and passing score on the departmental language proficiency examination

DESCRIPTION Observation and teaching during the entire school day under the guidance of a selected classroom teacher. This course may include a Signature Experience component.

FORL 4111 Semantics and Pragmatics in Linguistic Theory

CREDIT HOURS 3.0

PREREQUISITES FORL 3021 or AL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4111.) Broad range of topics in semantics, the study of how language communicates meaning, and in pragmatics, the study of how language is used to accomplish a speaker's intention.

FORL 4121 Historical Linguistics

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4121.) Comprehensive introduction to historical and comparative linguistics with a focus on causes and mechanisms of language change over time.

FORL 4131 Bilingualism

CREDIT HOURS 3.0

PREREQUISITES AL 3021 or FORL 3021 with grade of C or higher, or equivalent

DESCRIPTION (Same as AL 4131.) Comprehensive introduction to the phenomena, role, and function of bilingualism in the contemporary world with special emphasis on North America.

FREN FRENCH

FREN 1001 Elementary French I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of French.

FREN 1002 Elementary French II

CREDIT HOURS 3.0

PREREQUISITES FREN 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of French.

FREN 2001 Intermediate French I

CREDIT HOURS 3.0

PREREQUISITES FREN 1002 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

FREN 2002 Intermediate French II

CREDIT HOURS 3.0

PREREQUISITES FREN 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through the use of audio and video materials as well as literary and nonliterary texts.

FREN 3010 French Pronunciation

CREDIT HOURS 1.0

PREREQUISITES FREN 2001 with grade of C or higher, or equivalent

DESCRIPTION Basic rules of French pronunciation; introduction to phonetic transcription of French.

FREN 3013 Intensive Grammar Review

CREDIT HOURS 3.0

PREREQUISITES FREN 2002 with grade of C or higher, or equivalent

DESCRIPTION Intensive review and in-depth analysis of grammatical structures.

FREN 3023 Advanced Conversation and Composition

CREDIT HOURS 3.0

PREREQUISITES FREN 2002 with grade of C or higher, or equivalent

DESCRIPTION Development of oral fluency, vocabulary building, and practice in the patterns of idiomatic French; correct expression, style, and organization in expository writing.

FREN 3033 Introduction to the Analysis of Literary Texts-CTW

CREDIT HOURS 3.0

PREREQUISITES FREN 2002 with grade of C or higher, or equivalent

DESCRIPTION Introduction to the analysis of literary texts in various genres, with emphasis on the continuing development of reading, writing, and speaking skills. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all French majors. Global Perspectives Course.

FREN 3395 Study Abroad

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. Global Perspectives Course.

FREN 3396 Study Abroad

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs.This course may include a Signature Experience component. Global Perspectives Course.

FREN 3397 Study Abroad

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

FREN 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

FREN 4033 French for International Business I

CREDIT HOURS 3.0

PREREQUISITES French 3013, French 3023, and French 3033 with grades of C or higher, or consent of the instructor

DESCRIPTION Discussion of current business and economic issues in French-speaking countries with an emphasis on strategy, international marketing and entrepreneurship. 3.000 credit hours. Crosslisted with French 6108.

FREN 4043 French for International Business II

CREDIT HOURS 3.0

PREREQUISITES French 3013, French 3023, and French 3033 with grades of C or higher, or consent of the instructor

DESCRIPTION Discussion of current economic issues in French-speaking countries as well as in the European Union and of business issues with an emphasis on professional communication and international job search. 3.000 credit hours. Cross listed with French 6109.

FREN 4053 Advanced Grammar and Translation

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Advanced grammar, expansion of vocabulary, and introduction to comparative stylistics through translation of both literary and non-literary texts.

FREN 4063 Practicum in French

CREDIT HOURS 3.0

PREREQUISITES senior standing and consent of instructor

DESCRIPTION Directed work in special projects; field experience; internship. This course may include a Signature Experience component.

FREN 4103 History of French Civilization-CTW

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Social, political, intellectual, and artistic developments from the Middle Ages through the nineteenth century. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all French majors. Global Perspectives Course.

FREN 4113 Special Topics in French and Francophone Culture and Civilization

CREDIT HOURS 3.0

PREREQUISITES completion of at least three, 3000-level courses with a grade of C or higher, or consent of instructor

DESCRIPTION Study of trends or movements in the culture and civilization of France and francophone areas and countries. Topics may cover various historical periods and may include the study of such aspects of a civilization or culture as politics, education, media, religion, the arts and popular culture. May be repeated if topics vary. Counts toward French minor or major or as an upper-division elective.

FREN 4123 Contemporary France-CTW

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Social, artistic, and intellectual developments as reflected in current French texts. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all French majors. Global Perspectives Course.

FREN 4203 Medieval and Renaissance French Literature

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Early development of the principal literary forms in poetry and prose; influence of humanistic thought on major authors of the sixteenth century; special emphasis on Rabelais, the Pleiade, and Montaigne. Global Perspectives Course.

FREN 4303 French Literature of the Classical Period

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4403 French Literature of the Enlightenment

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Rise and development of the "philosophical" movement and of pre-romanticism. Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4414 Special Topics in French Literature

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Study of particular authors, genres, schools, or topics not covered in regular courses. May be repeated if topics vary.

FREN 4503 French Romanticism, Realism, and Symbolism

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Principal trends of the nineteenth century. Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4613 French Literature of the Twentieth Century I

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Major literary trends through 1945. Representative readings by important authors in various genres. Global Perspectives Course.

FREN 4623 French Literature of the Twentieth Century II

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Major literary trends since 1945. Representative readings by major authors in various genres. Global Perspectives Course.

FREN 4633 Francophone Literature

CREDIT HOURS 3.0

PREREQUISITES FREN 3013, FREN 3023, and FREN 3033 with grades of C or higher

DESCRIPTION Major literary works from Francophone cultures beyond France. Representative readings from major and emerging writers in various genres. Global Perspectives Course.

FREN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

FREN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES FREN 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or the production of honors thesis or project. This course may include a Signature Experience component.

FREN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Completion of at least two 3000-level French courses with a grade of C or higher and consent of the instructor

DESCRIPTION For French majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

FREN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GEOG 1101 Introduction to Human Geography

CREDIT HOURS 3.0

DESCRIPTION Introductory regional geography focusing on the ways in which cultural groups around the world utilize and modify their landscapes and environments.

GEOG 1112 Introduction to Weather and Climate

CREDIT HOURS 4.0

DESCRIPTION Three lecture and two laboratory hours a week. Spatial processes governing weather and climate, and the relationship between climate systems and the distribution of vegetation types. Successful completion of Geography 1112 and 1113 satisfies natural sciences core requirement for non-science majors.

GEOG 1113 Introduction to Landforms

CREDIT HOURS 4.0

DESCRIPTION Three lecture and two laboratory hours a week. Introduction to landforms, their origin, development, and spatial distribution. Successful completion of Geography 1112 and 1113 satisfies natural sciences core requirement for non-science majors.

GEOG 2206 Introductory Mapping and Geographic Information Science

CREDIT HOURS 4.0

DESCRIPTION Basic principles and methods of mapping and map use. Introduction to the field of geographic information science for the analysis and display of geographic data.

GEOG 4050 Natural Enviornment of Georiga

CREDIT HOURS 4.0

DESCRIPTION Georgia is a state with great a diversity of natural communities, in large part because of the many different landscapes present in the state. Through readings, discussions, tests, field outings, projects and in-class exercises, students will become familiar with the principles involved in the structure and function of Georgia's dwindling, but diverse, ecosystems. There will be an emphasis on plant communities and the physical environment, but animal communities and landscape management strategies will also be covered. Locations, diversity, and plant indicator species (especially trees) will be examined in the classroom and in the field, and experiential learning is emphasized.

GEOG 4097 Topics in Geographical Sciences

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION One to three lecture hours a week. Detailed presentation of a selected topic in geographical sciences. May be repeated for credit for a maximum of six credit hours if topic is different.

GEOG 4402 Geography of Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4400.) An overview of the physical, economic, and cultural geography of Africa, including North Africa. Emphasis on relationships between Africa's resources, both human and physical, and the development process.

GEOG 4404 Geography of East Asia

CREDIT HOURS 4.0

DESCRIPTION Examination of physical and human geographic components of East Asian regional development, from Singapore through Korea. Topics include cultural framework, utilization of resources to support population growth and migration, environmental degradation, agricultural transformation, and urban impacts of rapid modernization. Global Perspectives Course.

GEOG 4420 Urban Environments

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112 and GEOG 1113 strongly encouraged

DESCRIPTION This course will introduce students to the processes that characterize urban environments, including the social and physical process of urbanization, urban streams and water supplies, urban climates, pollution issues, urban soils, urban ecosystems, and the interpretation and analysis of the urban environment through remote sensing and the use of GIS (Geographic Information Systems).

GEOG 4515 Qualitative Methods in Geography

CREDIT HOURS 4.0

DESCRIPTION This course provides the theoretical knowledge and practical skills required to carry out qualitative research in geography. It focuses on the need and merits of qualitative research, the "how to" of various qualitative research methods, and issues related to ethics, the research-researched relationship, and positionality.

GEOG 4518 Digital Cartography

CREDIT HOURS 4.0

DESCRIPTION An introduction to the principles, methods, theory, and practices of contemporary digital cartography.

GEOG 4520 Quantitative Spatial Analysis

CREDIT HOURS 4.0

PREREQUISITES MATH 1070 with grade of C or higher, or consent of instructor

DESCRIPTION Techniques of spatial analysis of geographic data; emphasis on sampling, measurements, and pattern analysis of points, lines, and areas on maps.

GEOG 4530 Introduction to Remote Sensing

CREDIT HOURS 4.0

PREREQUISITES six hours of natural science laboratory sequence or consent of instructor

DESCRIPTION (Same as GEOL 4530.) Three lecture and two laboratory hours per week. A survey of remote sensing technology, aerial photograph and satellite image interpretation and digital processing, and applications in engineering and environmental sciences.

GEOG 4532 Geographic Information Systems

CREDIT HOURS 4.0

DESCRIPTION Fundamental concepts and applications of raster and vector- based GIS emphasizing analysis of digital spatial data through applied methods.

GEOG 4534 Advanced Geographic Information Systems

CREDIT HOURS 4.0

PREREQUISITES GEOG 4532 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced GIS concepts relating to spatial database creation and on-line distribution.

GEOG 4538 Urban Health Geographic Information Systems

CREDIT HOURS 4.0

DESCRIPTION The course is an upper-level undergraduate course to graduate level course developed to introduce students to measurement and analysis associated with spatial patterns of diseases. This course is proposed to address contemporary diseases of public health importance and present the quantitative skills that can be used in understanding how spatial patterns arise and what they imply for intervention. Objectives of the courses: (1) examine patterns of disease in place and time; (2) apply geospatial technologies and methods in public health; (3) examine diffusion of disease; and (4) conduct spatial epidemiological studies of selected infectious and noninfectious diseases. By the end of the course, students will gain hands-on experience with a variety of methods and GIS tools useful for the spatial analysis of medical data. Prerequsite: Getting Started with GIS a 9-hour free web course provided by ESRI (http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&CourseID=1911) Cities Perspectives Course.

GEOG 4550 Field School in Geography

CREDIT HOURS 4.0 TO 8.0

DESCRIPTION Development of fieldwork skills in both physical and human geography, including project design, data collection, and analysis and presentation. Fieldwork projects are designed to aid in the development of future research projects, including senior papers, practicums, and theses. Extensive travel required. This course may include a Signature Experience component.

GEOG 4640 Geomorphology

CREDIT HOURS 4.0

PREREQUISITES GEOG 1113 or GEOL 1122K with grade of C or higher, or consent of instructor

DESCRIPTION (Same as GEOL 4640.) Three lecture hours and two laboratory hours a week. Classification and analysis of landforms using theoretical and quantitative approaches; emphasis upon surface processes in various environments.

GEOG 4642 Advanced Weather and Climate

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112 with grade of B or higher, or consent of instructor

DESCRIPTION Dynamic elements of weather and climate, systems of climate, classification and the regional distribution of climatic types; relationship between climatic systems and the distribution of soil and vegetation types.

GEOG 4644 Environmental Conservation

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K, GEOL 1122K, GEOG 1112, or GEOG 1113 with grade of B or higher, or consent of instructor

DESCRIPTION (Same as GEOL 4644.) Social and policy perspectives of natural resource management; development of the American conservation movement, federal land policy, and significant environmental legislation; analysis of local and global environmental issues.

GEOG 4646 Water Resources Management

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112, GEOG 1113, or GEOL 1112K, or consent of instructor

DESCRIPTION General characteristics of water resources; principles and methodology, planning procedures, political, socioeconomic, and legal aspects of water resources management.

GEOG 4648 Biogeography

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112 and BIOL 1108K with grades of B or higher, or consent of instructor

DESCRIPTION Spatial variations, processes, and environmental constraints influencing the distribution of life.

GEOG 4650 Applied Hydrology

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112, GEOG 1113, or GEOL 1112K with grade of C or higher, or consent of instructor

DESCRIPTION (Same as GEOL 4650.) Three lecture and two laboratory hours per week. Applications of principles of hydrology to urban development, flood forecasting, agriculture and forestry, and water resources management; statistical and modeling techniques in hydrology.

GEOG 4760 Cultural Geography

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Geographic factors underlying diffusion and analysis of distribution of material and non-material culture elements.

GEOG 4762 Economic Geography

CREDIT HOURS 4.0

DESCRIPTION Systematic examination of the changing world economic system including traditional and modern agriculture, manufacturing, and service activity in both developing and developed areas. Global Perspectives Course.

GEOG 4764 Urban Geography CTW

CREDIT HOURS 4.0

DESCRIPTION Comparative study of the location, function, and internal spatial structure of urban areas. Special attention given to the impact of transportation, residential, commercial, and industrial activity on the changing form of cities and suburbs. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all geography majors. Cities Perspectives Course.

GEOG 4768 Metropolitan Atlanta

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4320 and SOCI 4279.) Interdisciplinary perspective focusing on social, historical, and geographic processes that have shaped the Atlanta region. Cities Perspectives Course.

GEOG 4774 Contemporary Urban Theory and Issues

CREDIT HOURS 3.0

DESCRIPTION An examination of urban geographical theory as a framework for understanding contemporary cities in the United States. Cities Perspectives Course.

GEOG 4778 Political Geography

CREDIT HOURS 3.0

DESCRIPTION The impact of geographical factors such as nationalism, the state and territory, ideology, and colonialism/imperialism on global political geography. Followed by a brief introduction to the political geography of the United States. Global Perspectives Course.

GEOG 4782 Environmental Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher

DESCRIPTION (Same as PSYC 4520.) Introduction to environmental psychology focusing on the relations between individuals and their natural and built environments. Topics include cognitive mapping of physical space, stress, crowding, and the applications of psychology to alleviating environmental problems.

GEOG 4784 Climatic Change CTW

CREDIT HOURS 4.0

PREREQUISITES GEOG 1112 with grade of C or higher, or consent of instructor

DESCRIPTION An assessment of the understanding of many aspects of recent climatic change. The focus is on how human activities can cause climatic change as well as how humans and ecosystems can be affected by those changes. Specific topics will include technical aspects of climatic observations and modeling, actual and potential impacts of climatic change on human and natural systems, and climatic-change influences on public policy. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all geography majors.

GEOG 4830 Senior Seminar CTW

CREDIT HOURS 4.0

PREREQUISITES GEOG 2204, GEOG 4518, GEOG 4520, and GEOG 4522 with grades of C or higher

DESCRIPTION Philosophical foundations of geography, and traditional and contemporary research skills. Data acquisition and processing, analysis, writing, and presentation of research findings. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all geography majors.

GEOG 4832 Geography Internship

CREDIT HOURS 3.0

PREREQUISITES advanced standing, and approval of sponsoring faculty advisor and of department chair

DESCRIPTION Academic training and professional experience through short-term internships at public or private agencies. Paper required. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

GEOG 4834 Applied Research in GIS

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Applied GIS research that demonstrates the ability of the student to apply GIS knowledge to real-world situations. This course may include a Signature Experience component.

GEOG 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

GEOG 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES GEOG 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

GEOG 4995 Directed Readings B.I.S.

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GEOL 1121K Introductory Geosciences I

CREDIT HOURS 4.0

DESCRIPTION Three lecture and three laboratory hours a week. Broad view of the earth emphasizing internal processes including minerals, rocks and the rock cycle, the structure of the earth's interior, plate tectonics, earthquakes, and volcanism.

GEOL 1122K Introductory Geosciences II

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K

DESCRIPTION Three lecture and three laboratory hours a week. Broad view of the earth emphasizing external processes including sedimentary environments, the hydrological cycle, the origin of geological environments, geological dating methods, and an overview of the fossil record through geological time.

GEOL 2001 Geologic Resources and the Environment

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours a week. The origin, distribution, and consequences of consuming the Earth's resources (metallic, non-metallic, soil, and groundwater). Topics include fossil fuels, nuclear energy, alternative energy sources, uses of minerals, waste disposal, and contaminants in the environment.

GEOL 3002 Introduction to Earth Materials

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K with grade of C or higher

DESCRIPTION Three lecture and three laboratory hours a week, plus field trips. Fundamentals of crystallography and mineralogy; classification, identification, and origin of the common rock-forming minerals and rocks.

GEOL 4003 Aqueous Geochemistry

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K, MATH 2212, and CHEM 1212K

DESCRIPTION (Same as GEOG 4680.) Four lecture hours a week. Theoretical aspects of aquatic chemistry with applications to natural water systems. Major topics include thermodynamic theory, sorption systematics, oxidation-reduction reactions, mineral-water interaction, and isotope geochemistry applied to hydrogeology.

GEOL 4005 Geology of Georgia

CREDIT HOURS 3.0

PREREQUISITES GEOL 1121K, or equivalent, or consent of instructor

DESCRIPTION Geology of Georgia, a study of the influence of geology and geologic history on biology and biodiversity, is an intense field trip-based laboratory science course designed for science majors and minors and for outdoor enthusiasts and nature lovers who have a natural science background.

GEOL 4006 Sedimentology and Stratigraphy CTW

CREDIT HOURS 4.0

PREREQUISITES GEOL 4015 with grade of C or higher or consent of instructor

DESCRIPTION Properties of sediments; origin, classification, and description of sedimentary rocks; principles of stratigraphy; analysis of sedimentary facies and environments of deposition. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all geology majors. Three lecture and three laboratory hours a week, plus field trips.

GEOL 4007 Hydrogeology

CREDIT HOURS 4.0

PREREQUISITES GEOL 1122K and MATH 2212

DESCRIPTION Four lecture hours a week. Overview of the principles of hydrogeology and their application, including the hydrological cycle, geology of groundwater occurrence, mathematical development of flow equations, surface-groundwater interaction, flow to wells, and advection-dispersion theory.

GEOL 4011 Principles of Paleontology

CREDIT HOURS 4.0

PREREQUISITES GEOL 1122K with grade of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. An introduction to the principles of paleontology including taphonomy, taxonomy, evolution, and extinction by examination of the fossil record. Study of commonly preserved organisms and their use in paleoecology, paleoenvironmental reconstruction, biostratigraphic correlation, and conservation paleobiology will be stressed as well.

GEOL 4013 Structural Geology

CREDIT HOURS 4.0

PREREQUISITES GEOL 4015

DESCRIPTION Introduction to the principles of structural geology including theories and methods of analysis of stress, strain, rheology, fractures, folding, faulting, foliation, and lineation. The study of geologic maps and cross sections. Three lecture and three laboratory hours a week.

GEOL 4015 Crystallography and Optical Mineralogy

CREDIT HOURS 4.0

PREREQUISITES CHEM 1211k with grade of C or higher, or concurrent registration

DESCRIPTION Principles of crystallography and optical mineralogy. Laboratory study of minerals using the polarizing microscope. Three lecture and three laboratory hours a week.

GEOL 4016 Igneous and Metamorphic Petrology

CREDIT HOURS 4.0

DESCRIPTION Prerequisite or corequisite: GEOL 4015 with grade of C or higher. Three lecture and three laboratory hours a week. Nature, distribution, and origin of igneous and metamorphic rocks in relation to tectonic setting and experimental studies. Laboratory study of igneous and metamorphic rocks in hand specimen and thin section.

GEOL 4017 Environmental Geology

CREDIT HOURS 4.0

PREREQUISITES GEOL 1121K and CHEM 1211K

DESCRIPTION Four lecture hours per week. Application of geological and geochemical concepts to the study of Earth's near surface environment. Topics may include water supply and pollution, global warming, ozone depletion, soil contamination, natural disasters, mineral resources, environmental management, and selected regulations. Quantitative treatment of population growth and water resources. Global Perspectives Course.

GEOL 4023 Terrestrial Sediments

CREDIT HOURS 3.0

PREREQUISITES GEOL 4006 with grade of C or higher or consent of instructor

DESCRIPTION Three lecture hours a week. Weathering, transport, deposition, and diagenesis of continental sediments. Selected examples of fluvial, lacustrine, volcaniclastic, and/or eolian sedimentation and facies models. Stable and radiogenic isotopes and geochronology in continental sediment. Sedimentary, mineralogical, and geochemical records of tectonics and paleoclimate.

GEOL 4030 X-Ray Methods and Techniques

CREDIT HOURS 4.0

DESCRIPTION Prerequisite GEOL 4015 or consent of instructor. This course describes the theory and use of x-ray diffraction and x-ray fluorescence methods for the Geosciences primarily although the theory is applicable to other natural sciences. Topics covered include: generation of x-rays, diffraction, identification of minerals and crystalline materials, theory and use of x-ray fluorescence in major and trace elemental measurements. Laboratory provides hands-on experience with sample preparation, data gathering and synthesis. By the end of this course, it is the instructorâ⊠⊠s hope that all students will be able to conduct independent, unsupervised analytical research using GSUâ⊠⊠s X-ray labs and equipment. The 6000 level course will feature term project and oral presentation.

GEOL 4042 Evironmental Instrumentations

CREDIT HOURS 3.0

PREREQUISITES CHEM 1212K or MATH 2212

DESCRIPTION Theoretical and practical aspects of instrumentations used for modern-day analysis of environmental samples (water, soils, sediments, biological tissues, etc.) including the basis for each analysis, limitations, and potential sources of errors. Examples of topics to be covered are tools of environmental methods (chemicals, apparatus, and units of calculations), quality assurance and quality control protocol and procedures (QA/QC), spectrochemical methods (UV/VIS spectrophotometry, Atomic Absorption-AA- and flame emission spectrometry, inductively coupled plasma spectrometry-ICP-MS- and laser ablation), separations techniques (Gas and liquid chromatography, field flow fractionation, electrophoresis) as well as surface area analysis and microscopy (scanning and transmission) and an introduction to electronic.

GEOL 4095 Seminar in Geological Sciences

CREDIT HOURS 1.0

PREREQUISITES at least 12 hours in geology

DESCRIPTION One lecture hour per week. Current research topics in geological sciences. May be repeated once.

GEOL 4097 Topics in Geological Sciences

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION One to three lecture hours a week. Detailed presentation of a selected topic in geological sciences. May be repeated for credit for a maximum of six credit hours if topic is different.

GEOL 4098 Independent Research in Geological Sciences

CREDIT HOURS 3.0

PREREQUISITES prior approval of a written program of the proposed work and consent of instructor

DESCRIPTION Six laboratory hours a week. It is normal for the research to span more than one semester.

GEOL 4120 Basic Field Geology

CREDIT HOURS 3.0

PREREQUISITES Completion of a core-curriculum science sequence and consent of instructor

DESCRIPTION Nine hours a day, six days a week, for three weeks. Introduction to field geology in the Rocky Mountains of Montana, with emphasis on basic concepts and field methods. Construction of simple geologic maps, cross sections, and stratigraphic columns, using topographic maps and aerial photographs in the field. Includes a seven-day excursion to geologically interesting areas of the U.S. Northwest. Open to teachers and students majoring in Geography, Anthropology, Biology, Environmental Science, or others who are seeking a geological field experience. This course may include a Signature Experience component.

GEOL 4121 Advanced Field Geology

CREDIT HOURS 3.0

DESCRIPTION Prequisites: GEOL 4006 and GEOL 4013 with grades of C or higher, GEOL 4120 or concurrently, and consent of instructor. Nine hours a day, six days a week for three weeks. Intensive geologic mapping and interpretation in the Rocky Mountains of Montana, with particular emphasis on complexly deformed areas. Includes mapping in folded and faulted sedimentary rocks, intrusive and volcanic igneous rocks, and high-grade metamorphic basement terrain. Construction of multiple cross sections for complex structures and advanced interpretation of geologic history of complex areas. Involves extensive, rough, off-trail hiking. This course may include a Signature Experience component.

GEOL 4123 Geoinformatics

CREDIT HOURS 4.0

DESCRIPTION Fundamentals of geoscience knowledge representation applying semantic web languages of OWL, RDF, and RDFS. Design and development of spatial and process ontologies in geosciences.

GEOL 4530 Introduction to Remote Sensing

CREDIT HOURS 4.0

PREREQUISITES Six hours of natural science laboratory sequence, or consent of instructor

DESCRIPTION (Same as GEOG 4530.) Three lecture and two laboratory hours a week. A survey of remote sensing technology, aerial photograph and satellite image interpretation and digital processing, and applications in engineering and environmental sciences.

GEOL 4830 Senior Seminar CTW

CREDIT HOURS 4.0

PREREQUISITES at least 17 hours of geology at the 4000 level, including GEOL 4006, GEOL 4013, GEOL 4095, or consent of instructor

DESCRIPTION Philosophical foundations of geology, contemporary problems and issues, and synthesis of geological concepts. Intended to serve as a capstone to the undergraduate geology curriculum. Emphasis on reading of original literature and classic texts, and on written arguments. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all geology majors.

GEOL 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis project. This course may include a Signature Experience component.

GEOL 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES GEOL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

GEOL 4995 Directed Readings B.I.S.

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GRMN 1001 Elementary German I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading and writing; acquisition of grammatical structures. Not open to native speakers of German.

GRMN 1002 Elementary German II

CREDIT HOURS 3.0

PREREQUISITES GRMN 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of German.

GRMN 2001 Intermediate German I

CREDIT HOURS 3.0

PREREQUISITES GRMN 1002 with grade of C or higher, or equivalent

DESCRIPTION Continued development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

GRMN 2002 Intermediate German II

CREDIT HOURS 3.0

PREREQUISITES GRMN 2001 with grade of C or higher, or equivalent

DESCRIPTION Continued development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

GRMN 3301 Advanced German I-CTW

CREDIT HOURS 3.0

PREREQUISITES GRMN 2002 with grade of C or higher, or equivalent

DESCRIPTION An advanced language skills course, designed to bring students to the level of "Zertifikat Deutsch als Fremdsprache." Emphasis on improvement of skills in the spoken language. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all German majors.

GRMN 3302 Advanced German II – Practical Conversation

CREDIT HOURS 3.0

PREREQUISITES GRMN 3301 with grade of C or higher

DESCRIPTION An advanced language course with emphasis on improvement of skills in the spoken language. Development of oral communication skills and vocabulary building through practical scenarios on topics relating to everyday situations and professional life.

GRMN 3311 Introduction to Reading German Literature

CREDIT HOURS 3.0

PREREQUISITES GRMN 2002 with grade of C or higher

DESCRIPTION A bridge course designed to help students acquire the reading skills required to comprehend and analyze increasingly complex literary texts. Global Perspectives Course.

GRMN 3313 Introduction to German Cultural Studies

CREDIT HOURS 3.0

PREREQUISITES GRMN 3311 with a grade of C or higher

DESCRIPTION A bridge course designed to help students acquire the interpretive skills required to comprehend and analyze increasingly complex cultural texts. Global Perspectives Course.

GRMN 3395 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

GRMN 3396 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

GRMN 3397 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION German language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

GRMN 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of the instructor and Honors Program director

DESCRIPTION Discussion and reading on selected topics.

GRMN 4401 History of the German Language

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 with grade of C or higher

DESCRIPTION An introduction to basic linguistics and the historical development of German.

GRMN 4402 Advanced Grammar: Morphology and Syntax-CTW

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 with grade of C or higher

DESCRIPTION A review and analysis of the most difficult parts of German grammar for the advanced student. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all German majors.

GRMN 4411 Survey of German Literature

CREDIT HOURS 3.0

PREREQUISITES GRMN 3311 or GRMN 3313 with grade of C or higher

DESCRIPTION A careful reading of selected texts representative of major writers and movements in German literature. Global Perspectives Course.

GRMN 4413 Introduction to German Film

CREDIT HOURS 3.0

PREREQUISITES GRMN 3313 with grade of C or higher

DESCRIPTION A careful reading of selected films representative of major directors and movements in German cinema. Global Perspectives Course.

GRMN 4414 Topics in German Literature

CREDIT HOURS 3.0

PREREQUISITES GRMN 4411 or GRMN 4413 with grade of C or higher

DESCRIPTION Extended study of a single author, theme, or time in the history of German literature. May be repeated for credit if topic varies.

GRMN 4421 Introduction to German Civilization

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 or GRMN 3313 with grade of C or higher

DESCRIPTION Social, philosophical, artistic, and literary movements and the individuals who have contributed to the formation of present-day Germany; further development of conversational skills. Global Perspectives Course.

GRMN 4422 Contemporary Germany

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 or GRMN 3313 with grade of C or higher

DESCRIPTION Social, political, and economic issues as reflected in current German texts. Global Perspectives Course.

GRMN 4431 German for International Business I

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 or GRMN 3313 with grade of C or higher

DESCRIPTION Business vocabulary and correspondence. Protocol of business environment. Reading and analysis of commercial texts. Global Perspectives Course.

GRMN 4432 German for International Business II

CREDIT HOURS 3.0

PREREQUISITES GRMN 4431 with grade of C or higher

DESCRIPTION Readings in the foreign language of current materials related to business and trade structures, issues, and procedures. Global Perspectives Course.

GRMN 4435 Techniques of Translation

CREDIT HOURS 3.0

PREREQUISITES GRMN 3302 with a grade of C or higher or equivalent, or consent of instructor

DESCRIPTION Expansion of vocabulary and introduction to comparative stylistics through translations, mainly from German into English, of both literary and non-literary texts.

GRMN 4465 Practicum in German

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Directed work in special project; field experience; internships. This course may include a Signature Experience component.

GRMN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

GRMN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES GRMN 4870, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

GRMN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Completion of at least two 3000-level German courses with a grade of C or higher and consent of the instructor

DESCRIPTION For German majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

GRMN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

GERO 2000 Introduction to Gerontology

CREDIT HOURS 3.0

DESCRIPTION This course is an interdisciplinary and multidisciplinary introductory course for undergraduates interested in learning about human aging. Drawing on diverse perspectives including sociology, psychology, political science, biology and health professions, this class identifies basic components of human aging in the United States. 3 Credit Hours.

GERO 3124 GERO 3124/SOCI 3124-Diversity and Aging

CREDIT HOURS 3.0

DESCRIPTION This course examines aging as a social process and focuses on the influence of ethnicity and race, as well as other key social relations in shaping the life course. We will define and examine diversity and disparity and consider many of the socio-cultural factors that give rise to differences across the life course and in later life. 3:00 Credit Hours, crosslisted with SOCI 3124; Target Group: All undergraduate students, Gero and Soci undergraduate majors.

GERO 4110 Aging Policy and Services

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4110.) Aging policy, services and programs emphasizing legislation, funding, planning, the aging network, and the long-term care system.

GERO 4116 Aging and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4116.) An introduction to processes and problems of aging for individuals and society with a focus on social relationships, aging in families, caregiving, retirement, and age politics.

GERO 4119 Global Aging and Families

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4119.) This is an upper division undergraduate course designed to introduce population aging at a global level in a global perspective. The course utilizes macro-sociological approaches to explain how demographic changes, global economic transformations, and social policies influence aging experiences, processes, and families in different regions of the world. It also combines micro-sociological approaches to examine how families are changing in roles and responsibilities as well as in forms and structures because of population aging in a global context, informing students how aging is not just a personal issue but is affected by gender, race, ethnicity, class, as well as national boundaries. Global Perspectives Course.

GERO 4122 Death, Dying and Loss

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4122.) The process of death and dying, including the social roles of the dying person, the family, and those of the hospital and institutional staff; the social factors influencing death; social functions of bereavement; and problems in coping created by medical technology and longevity.

GERO 4130 Ties that Bind: Family,Intimacy,and Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 4130.) This course examines older adults' family lives and intimate relationships in social, historical and demographic context. Emphasis is placed on understanding in the type, nature, content and meaning of relationships, and on identifying influential factors, including, for example, gender, race, ethnicity, class, sexual orientation, and health status.

GERO 4200 Health and the Older Adult

CREDIT HOURS 3.0

DESCRIPTION (Same as SNHP 4200.) This course provides an introduction to physiological aging and the health status of older people and is designed for non-health professionals who work with older adults. Normal aging processes, age-related changes, and associated health promotion activities will be discussed. Information on the assessment and implications of alterations in functional health states, drug use, and referral sources are included.

GERO 4475 Communication and Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as SPCH 4475.) This course provides a broad overview of the ways in which communication affects, and is affected by, the aging process and introduces students to theory and research in the area of communication and aging.

GERO 4500 Anthropology of Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as ANTH 4500.) Anthropological approach to the aging process in western and non-western societies.

GERO 4610 Psychology of Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as PSYC 4610.) Psychological contributions to the understanding, prevention, and treatment of normal and abnormal changes of later life.

GERO 4700 Special Topics in Gerontology

CREDIT HOURS 3.0

DESCRIPTION This course provides an in-depth study of a topic in gerontology that is not currently included in the curriculum. May be repeated if topic differs.

GERO 4800 Directed Study in Gerontology

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION This course supervised by a gerontology faculty member allows students to gain knowledge and skills in a particular area of gerontology through independent study.

GERO 4910 Gerontology Internship

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES grade of C or higher in all gerontology courses

DESCRIPTION A structured and supervised work experience in the field of aging designed to teach students about current issues of policy and practice and enhance their career development. In consultation with faculty and staff advisors, students plan the internship in accordance with their experience, areas of interest, and individual goals. This course may include a Signature Experience component.

GRD GRAPHIC DESIGN

GRD 3000 Introduction to Graphic Design

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with grades of C or higher

DESCRIPTION Introduction to concepts and practices of graphic design through combining of type and images; introduction to Macintosh-based graphics software; graphics presentation techniques. Lab Fee $20.00. 3.000 Credit hours.

GRD 3150 Introduction to Typography

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with grades of C or higher

DESCRIPTION Must be taken concurrently with GRD 3000 (Fall) or GRD 3200 (Spring). Aesthetics and legibility of type through applied design. Specifying type, type terminology, type as compositional element, cultural considerations of type and image. Introduction to drawing and page layout software. Lab Fee $20.00. 3.000 Credit hours.

GRD 3200 Intermediate Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3000 with grade of C or higher

DESCRIPTION Student must have completed or be currently enrolled in GRD 3150 in order to enroll in this course. Continued development of conceptual and traditional/digital media skills including art direction, image-making, and specialized problem areas.

FEES $20.00. 3.000 credit hours

GRD 3300 Illustration: Concepts through Images

CREDIT HOURS 3.0

PREREQUISITES GRD 3000 with grade of C or higher

DESCRIPTION Traditional and experimental illustrative techniques with digital and non-digital media; applications to advertising, editorial design, corporate, collateral, and design specializations.

FEES $20.00

GRD 3400 Graphic Design Survey

CREDIT HOURS 3.0

DESCRIPTION Not for Graphic Design majors. Communicating effectively with type and images; creative problem solving; organizing information; using computers and traditional media to create print and digital graphics. Emphasizes integration with other disciplines.

GRD 3910 History of Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher and consent of instructor

DESCRIPTION Survey of aesthetic, cultural, and technological influences on written and printed media including sources of modern design.

GRD 4000 Selected Topics in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES consent of graphic design coordinator or instructor

DESCRIPTION Selected Topics for Graphic Design art majors. May be repeated for a maximum of six credit hours.

FEES $20.00

GRD 4020 Advanced Typographic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design area coordinator or instructor

DESCRIPTION Advanced concepts in typographic design within a studio problem-solving format; advanced digital techniques, formal, and experimental applications of typography.

FEES $20.00

GRD 4100 Print and Editorial Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Advanced editorial design concepts within a studio problem-solving format; print and electronic publishing applications, identity, and format design; art direction and image-making of material with issue orientation and/or controversial content.

FEES $20.00

GRD 4150 Collateral Design for Print Applications

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher and consent of graphic design coordinator or instructor

DESCRIPTION Advanced graphic concepts in print collateral applications; annual report design; identity and logotype; brochures and mailers; original visual concepts through image-making; digital techniques; pre-press and print production principles.

FEES $20.00

GRD 4200 Corporate Identity Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Advanced design concepts applied to corporate and/or institutional contexts; presented in studio problem- solving format; logotype and identity design; design systems; print technology, strategic communications, and system applications.

FEES $20.00

GRD 4250 Graphic Design in Popular Culture

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Chronology of popular culture through graphic design from the late nineteenth through the twentieth century; presented in a studio problem-solving format; sociological and cultural impact of design and design technology.

FEES $20.00

GRD 4300 Internship in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 4020, GRD 4100, and GRD 4310 with grades of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Specialized field training allowing practical professional experience with major design firms, advertising agencies, and corporations. This course may include a Signature Experience component.

FEES $20.00

GRD 4310 Multimedia Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Exploration of multimedia, interactive concepts, and nonlinear view editing technologies presented in studio problem-solving format; work on creative teams. Includes research-based proposals, contextual meaning, and production scheduling.

FEES $20.00

GRD 4350 Graphic Design through Advertising

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Applications of graphic design in advertising in a studio problem-solving format; collaboration and art direction on creative teams; visual marketing concepts; campaign development, copywriting; development of presentation skills.

FEES $20.00

GRD 4400 Design for Film and Television

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Design of motion graphics for film and broadcast applications; traditional and digital presentation techniques; demonstrations and/or practical experience on various broadcast and film systems; professional practices; contemporary use of typography and digital systems including audio.

FEES $20.00

GRD 4450 Professional Practices in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, or concurrently, and consent of graphic design coordinator or instructor

DESCRIPTION Practical client-based professional experiences; field trips; presentation techniques; implementation of projects through supervision of printing process or appropriate media; principles unique to the business of graphic design.

FEES $20.00

GRD 4550 Specialized Applications of Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Specialized and alternative applications of graphic designs in a studio format; identity through packaging; point of purchase design; signage and display.

FEES $20.00

GRD 4600 Senior Workshop in Graphic Design

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Advanced exploration of multimedia including illustrative and photographic animation, interactivity, internet applications, and strategic communication. Professional practices in digital media.

FEES $20.00

GRD 4840 Computer Graphic Imaging

CREDIT HOURS 3.0

PREREQUISITES ART 1020 and ART 1030 or ART 1050 with grades of C or higher

DESCRIPTION (Same as CSC 4840 and FILM 4840.) Study the theories, techniques and tools for creating 3D graphics content. Topics include 3D modeling, camera, lighting, materials, texture mapping, physics based modeling, basic animation, and rendering techniques (such as tracing and radiosity).

GRD 4950 Graphic Design Portfolio-CTW

CREDIT HOURS 3.0

PREREQUISITES GRD 3200 with grade of C or higher, and consent of graphic design coordinator or instructor

DESCRIPTION Preparation of final professional portfolio; consolidation and revision of previous projects; addition of projects reflecting student's specialized interests; self-promotion; presentation; interviewing; the language of graphic design in the context of the fine arts. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Graphic Design majors.

GRD 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES consent of instructor and of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

GRKA 1001 Elementary Ancient Greek I

CREDIT HOURS 3.0

DESCRIPTION Basic syntactical structures with particular emphasis on the verb. Reading of ancient Greek selections that illustrate the grammatical structures studied.

GRKA 1002 Elementary Ancient Greek II

CREDIT HOURS 3.0

PREREQUISITES GRKA 1001 with grade of C or higher, or equivalent

DESCRIPTION Basic syntactical structures with particular emphasis on the verb. Reading of ancient Greek selections that illustrate the grammatical structures studied.

GRKM 1001 Elementary Modern Greek I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Greek.

GRKM 1002 Elementary Modern Greek II

CREDIT HOURS 3.0

PREREQUISITES GRKM 1001with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Greek.

GRKM 2001 Intermediate Modern Greek I

CREDIT HOURS 3.0

PREREQUISITES GRKM 1002 with grade of C or higher, or equivalent

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Greek.

GRKM 2002 Intermediate Modern Greek II

CREDIT HOURS 3.0

PREREQUISITES GRKM 2001with grade of C or higher, or equivalent

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Greek.

GSU 1010 New Student Orientation

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Three lecture hours a week. Introduction to the academic life of the university; interdisciplinary study of urban Atlanta and the Georgia State community; introduction to the academic demands, learning resources, and rules and procedures of the institution.

GSU 1050 Survival Skills for College

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Two class hours and one lab hour per week. Designed to help students improve their academic skills to survive the college experience. Special attention will be given to the academic, social, family, work, career, and personal issues that affect students' success. This class is appropriate for students with less than a 2.0 cumulative Georgia State GPA. (Formerly AcF 1050.).

HA 3900 Introduction to the U.S. Health Care System

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Prequisite: None. This course introduces and describes the health care system in the United States. Students learn how the system devel- oped, how health care services in the U.S. are organized and financed, and the key problems facing the health care sector.

HA 3910 Health Policy in the United States: An Introduction

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course introduces and describes health policy in the United States. Students learn about health policy at the federal, state, and local levels and how health policy is developed for hospitals, employers, HMOs, and other health services organizations. Key policy issues facing the health care sector are discussed.

HA 3970 Health Information Systems

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION The course provides a broad overview of the critical role of information systems in the health sector and its strategic importance to health management. While hardware, software, and Internet applications will be discussed, the focus is on the use of information systems throughout the whole health care sector, including health systems, hospitals, medical practices, and businesses. This course is appropriate for students interested in health informatics, computers, business, and health sciences.

HA 4389 Directed Readings in Health Administration

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

HBRB HEBREW - BIBLICAL

HBRB 1001 Elementary Biblical Hebrew I

CREDIT HOURS 3.0

DESCRIPTION The course teaches the language of Hebrew utilized in the Bible; the student will achieve the ability to read and understand liturgy passages and be familiar with the noun/verb structure of original texts. Students do not need to know Modern Hebrew to take his course.

HBRB 1002 Elementary Biblical Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRB 1001 with grade of C or higher, or equivalent

DESCRIPTION The course teaches the language of Hebrew utilized in the Bible; the student will achieve the ability to read and understand liturgy passages and be familiar with the noun/verb structure of original texts. Students do not need to know Modern Hebrew to take this course.

HBRB 2001 Intermediate Biblical Hebrew I

CREDIT HOURS 3.0

PREREQUISITES HBRB 1002 with grade of C or higher, or consent of instructor

DESCRIPTION Continued exploration of more complex texts, including the Old Testament and Mishnah; further development of grammatical structures.

HBRB 2002 Intermediate Biblical Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRB 2001 with grade of C or higher, or consent of instructor

DESCRIPTION Continued exploration of more complex texts, including the Old Testament and Mishnah; further development of grammatical structures.

HBRB 3100 Texts in Biblical Hebrew

CREDIT HOURS 3.0

PREREQUISITES HBRB 1001 and HBRB 1002 with grades of C or higher, or demonstrate equivalent proficiency

DESCRIPTION This course will allow students to apply their knowledge gained in HBRB 1001 and HBRB 1002.

HBRM HEBREW - MODERN

HBRM 1001 Elementary Modern Hebrew I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Hebrew.

HBRM 1002 Elementary Modern Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRM 1101 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Hebrew.

HBRM 2001 Intermediate Modern Hebrew I

CREDIT HOURS 3.0

PREREQUISITES HBRM 1102 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Not open to native speakers of Hebrew.

HBRM 2002 Intermediate Modern Hebrew II

CREDIT HOURS 3.0

PREREQUISITES HBRM 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Not open to native speakers of Hebrew.

HBRM 4890 Independent Study in Modern Hebrew

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Consent of instructor

DESCRIPTION Advanced reading course in Modern Hebrew tailored to subject interests of students.

HBRM 4999 Directed Readings in Modern Hebrew

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES HBRM 2002 with grade of B or higher, permission of instructor

DESCRIPTION Advanced reading course tailored to subject interests of students.

HIST 1111 Survey of World History to 1500

CREDIT HOURS 3.0

DESCRIPTION A survey of world history to early modern times.

HIST 1112 Survey of World History since 1500

CREDIT HOURS 3.0

DESCRIPTION A survey of world history from early modern times to the present.

HIST 1140 Introduction to African and African-American History

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 1140.) African history and culture, the coming of Africans to the Americas, and the development of African-American culture.

HIST 2110 Survey of United States History

CREDIT HOURS 3.0

DESCRIPTION A thematic survey of U.S. history to the present.

HIST 3000 Introduction to Historical Studies-CTW

CREDIT HOURS 4.0

DESCRIPTION (History majors should take History 3000 as the first course among their upper-division selections.) The nature of historical knowledge and analysis, historical resources in Atlanta-area research libraries and archives, and exercises in historical writing and thinking. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all History majors.

HIST 3200 North America before 1800

CREDIT HOURS 4.0

DESCRIPTION Development of Native American cultures before European contact; cultural interactions among Native Americans, Africans, and Europeans during conquest and colonization; emergence of United States of America as dominant economic and political force in North America.

HIST 3210 United States in the Nineteenth Century

CREDIT HOURS 4.0

DESCRIPTION Major developments in United States history from 1800 to 1900, including the growth of political parties and the changing role of the presidency; sectionalism and the Civil War and Reconstruction; immigration, economic expansion, and the American response to industrialization; changes in American social classes and American life.

HIST 3220 United States in the Twentieth Century

CREDIT HOURS 4.0

DESCRIPTION Major developments in the United States from 1900 to the present.

HIST 3230 American Environmental History

CREDIT HOURS 4.0

DESCRIPTION History of interactions with the natural world from the 17th through the 20th century, focusing on the US and its global influence. Explores the history of nature's effects on culture and economy, the history of people's activities on their environments, conceptions of nature, and environmental politics. Topics include urban growth, pollution, colonialism, natural resource issues, the history of parks and wild lands, and global environmental problems.

HIST 3240 History of Sports and Leisure

CREDIT HOURS 3.0

DESCRIPTION Examines diverse examples of sports and leisure in human history, with special focus on their relationship to industrialization, nation-building, and empire.

HIST 3250 Religion in American Life

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION This course will explore the history of religion in the United States from the early colonial period to the present.

HIST 3260 The Harlem Renaissance

CREDIT HOURS 3.0

DESCRIPTION Harlem became the epicenter of Black America in the 1920s and 1930s. This course explores the historical social, political, and economic forces that set the stage for the emergence of this dynamic urban community and the contributions by writers, artists, journalists, folklorists, political leaders, organizations, and working class African Americans.

HIST 3270 History of the 1970s and 1980s

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION From the persistence of post-1960s radical politics to the media revolution represented by MTV to the fall of the Soviet Union, the 1970s and 1980s have had profound effects on the way we experience the world today. This class will challenge students to rethink what we know/remember about these two decades from a broader, deeper, historical perspective. As a 3000-level survey, the class will consider many approaches to the history of these decades, including political, social, military, economic, cultural, and intellectual history.

HIST 3300 History of Capitalism

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION This course examines the intellectual, cultural and social history of capitalism from the eighteenth century to the present. Readings include texts written by historians, economists, sociologists, and social and political theorists; topics range from the emergence of free market economics, the formation of social classes, the rise of the corporation, the cultural impact of consumerism, and the global reach of capitalism in the twentieth and twenty-first centuries.

HIST 3400 History of Sex

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Sex has a history. Topics may vary, but include the theory and history of sexuality, the science of sexual difference, and the social and cultural ramifications of ⊠sexual revolution⊠, the historical dimensions of population management and ⊠family planning⊠, as well as sex as identity, metaphor, and ideology.

HIST 3410 History of Food

CREDIT HOURS 4.0

DESCRIPTION What does soup have to do with labor rights in 16th-century France. Why did the ancient Romans legislate how many chickens could be served at a dinner party. How did Chicago change the American farming landscape. This course examines the ways that people have used food to engage with their social worlds and debate issues such as health, industrialization, and power structures. Looking at the way food has been produced and consumed, the course considers a wide range of topics, including: the history of cookbooks, public eating and restaurants, agriculture from its origins to ⊠urban farms," hunger, food taboos, networks of food production, disordered eating, and modern food movements.

HIST 3500 The Ancient Mediterranean

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 3110.) Political, cultural, religious, economic, and social developments of the Ancient Near East, Greece, and Rome and their influence on Western Civilization.

HIST 3505 Classical and Early Modern Western Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3855 and POLS 3530.) A survey of the historical writings in political thought from Plato to Machiavelli. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena. 3.000 credit hours.

HIST 3510 Medieval Mediterranean/Islamic World

CREDIT HOURS 4.0

DESCRIPTION Overview of the history of the Medieval Mediterranean World, from the fall of the Roman Empire to the rise of the Atlantic World (500-1500). Topics will include the origins and spread of Islam, cross-cultural contacts around the Mediterranean, the Crusades, and the other examples of Islamic/Christian/Jewish interaction.

HIST 3515 North Africa and the World to 1800

CREDIT HOURS 4.0

DESCRIPTION Political, economic, cultural and social history of North Africa and its interactions with the Mediterranean world, Sub-Saharan Africa and the broader world system. Examines the history of the Berbers alongside the history of Arab and European influences in the region from Roman times to 1800.

HIST 3520 Early Modern Europe, 1500-1789

CREDIT HOURS 4.0

DESCRIPTION Transition from medieval to modern Europe; special attention to the Northern Renaissance, the Protestant and Catholic Reformations; the emergence of a competitive state system; the evolution of nation states; gender roles and the pre-industrial economy; and the conceptual revolution in science and philosophy.

HIST 3525 Modern Western Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3540 and PHIL 3855.) A survey of the historical writings in political thought from Hobbes to Marx. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena. 3.000 credit hours.

HIST 3530 Europe Since 1789

CREDIT HOURS 4.0

DESCRIPTION Society and politics since the age of enlightenment; special attention to revolution, reaction and reform; class, gender and industrial capitalism; imperialism and nationalism; democracy, fascism, and communism; economic integration: citizenship, immigration, and new social movements.

HIST 3540 Film and the Holocaust

CREDIT HOURS 4.0

DESCRIPTION Explores the history of intersections among feature and documentary films and the Holocaust, with an emphasis on the ways filmmakers have interpreted and represented the causes, events, consequences, and recollections of the mass murder of European Jews and other groups during World War II.

HIST 3600 The Modern Caribbean

CREDIT HOURS 4.0

DESCRIPTION This undergraduate course introduces students to conceptual, comparative, and integrative issues of Caribbean History by exploring abolition of slavery in the nineteenth century, nationalist movements and revolutions, post-colonial regimes, American involvement in the region, and immigration in the 20th century. Students will examine how the comparative legacies of colonialism, slavery, abolition, indentured labor, and independence influenced the regions, contemporary culture and society. Special emphasis will be placed on issues related to politics, race and gender relations, cultural and intellectual production of national identity, and immigration, particularly in Cuba, Haiti, and Jamaica. There are no prerequisites for this course.

HIST 3605 Oceans in World History

CREDIT HOURS 4.0

DESCRIPTION This course explores oceans in world history from antiquity to the present. It examines how people came into contact with one another by sea and the maritime movement of ideas, goods, institutions, and social systems, as well as animals, plants, and diseases. We will consider waterways as sites of connection and dispersal, movement and regulation, oppression and empowerment, and division and solidarity. Topics include voyaging and exploration, cross-cultural encounters and transformations, commercial and religious networks, forced and voluntary migrations, state building and social movements, regional and global integration, as well as ships and navigation, navies and naval power, piracy and pilgrimage, and maritime law and literature. HIST 1111, HIST 1112, or another globally-oriented survey is recommended.

HIST 3610 Pacific World

CREDIT HOURS 4.0

DESCRIPTION Histories of pacific peoples and cultures from their early navigation and settlements to the colonial and postcolonial eras of the 19th and 20th centuries. We will develop an understanding of major themes in the historical analysis of Pacific History: migration and navigation of island peoples, cross cultural contracts, social organizations, ethnic Diasporas, ecological and biological crises, integration into Western colonial and global capitalist economies, nation building, struggles for sovereignty and identity, legacies of colonialism and tourism.

HIST 3615 The Indian Ocean World

CREDIT HOURS 4.0

DESCRIPTION The purpose of this course is to introduce undergraduate students to the Indian Ocean world, a geographical zone running from East Africa to China and consisting of regions bordering the ocean's body of water. The Ocean has been a highway of commercial and cultural exchanges since the ancient times. This course introduces students to the history of maritime Asia (since the fifteenth century) and allows them to study empires, trade, and cultures in monsoons Asia and their role in the world economy from non-Western and non-Eurocentric perspectives.

HIST 3620 The Atlantic World: Encounters, Empires, Diasporas, Revolutions

CREDIT HOURS 4.0

DESCRIPTION The Atlantic World as a space of cross-cultural contact, empire and nation-building, diasporas, and revolutions since the fifteenth century; transatlantic encounters in Africa, Europe, and the Americas; conquest, colonialism, and creolization; slavery, emancipation, and capitalism; indigenous survival, subaltern resistance, and popular religion; Atlantic world legacies in cultural and political identities.

HIST 3625 War in Europe and America Since 1500

CREDIT HOURS 4.0

DESCRIPTION Warfare and military institutions as they relate to social, economic, political, and technological developments.

HIST 3630 The United States and the World

CREDIT HOURS 4.0

DESCRIPTION Examines the place of the United States in world history from pre-colonial times to the present, emphasizing that the world shaped the United States at least as much as the United States shaped the world. Topics include the Americans in the formation of the Atlantic and Pacific worlds, transatlantic revolutions and nation-building, slavery and the slave trade, settler colonialism and frontier expansionism, emancipation and modern state formation, industrialization and high imperialism, the world wars and the rise of the U.S. as a global hegemony, the Cold War and decolonization, and recent challenges to U.S. global power. Global Perspectives Course.

HIST 3635 Media, Technology, and Popular Culture

CREDIT HOURS 4.0

DESCRIPTION Examines evolution of communication technologies from the rise of printing in early modern Europe through the foundation of American media, and the globalization of mass media in the twentieth century. Topics include nationalism and the public sphere; media constructions of race, gender, and sexuality; legal and regulatory issues; and the changing aesthetics of print, film, television, and new media.

HIST 3640 Piracy from Ancient to Modern Times

CREDIT HOURS 4.0

DESCRIPTION This course examines the history of piracy from the ancient Egyptians to present-day piracy off Somalia and the Straits of Malacca. Particular attention to the ?Golden Age of Piracy. in the West from 1640 to 1730 is complemented by the study of piracy in a range of times and places. This comparative approach presents piracy as a series of complex social, political, and economic interactions, asking how transformations in piracy reveal larger patterns of change and continuity in world history. The course also examines how the study of pirates and piracy as a contemporary cultural phenomenon in films and other media can help us to understand how modern and contemporary culture claims and re-presents history.

HIST 3650 Africa and the world

CREDIT HOURS 4.0

DESCRIPTION This interdisciplinary course explores the long and extensive international history of Africa, focusing on its relations with other civilizations and regions of the world, from medieval times to the present. The weekly inter-related and inter-woven topics will include Medieval African Kingdoms and the Trans-Saharan Trade; the Indian Ocean Trade; European colonialism; Africa, the World Wars and the Cold War; African relations with the US, Western Europe and the former USSR; China and India in Africa; the UN and other global IGOs/NGOs in Africa; Africa and the global economy; globalization and Africa; and Africa and the African Diaspora in the Americas.

HIST 3660 20th Century World History

CREDIT HOURS 4.0

DESCRIPTION A global historical survey of the political, social, economic, and cultural events that defined and shaped the 20th century. Particular emphasis inludes European imperialism, First World War, rise of totalitarian regimes, Second World War, Cold War, decolonization and the rise of nation-states, genocides and civil wars, revolutions in Asia, Africa and Latin America, Middle East conflict, fall of the Soviet bloc, social and intellectual movements, scientific and technological breakthroughs, and globalization. Global Perspectives Course.

HIST 3665 History of Ideas about Race

CREDIT HOURS 4.0

DESCRIPTION An interdisciplinary, comparative history of ideas about race, ethnicity, and human variation from the 17th century to the present, with emphasis on the social interactions, historical contexts, and social conflicts that produced those ideas. "Race" is primarily a Western historical construction, but the course also compares race with other systems for defining natural or in-born differences, such as ethnicity, religion, caste, or class. It also provides an insight into how the subjects of racial regimes viewed or challenged them from the inside. Global Perspectives Course.

HIST 3670 Teaching World History

CREDIT HOURS 4.0

DESCRIPTION Introduces students to the pedagogy of world history, initiates an exploration of the framework established by the State of Georgia in the performance standards and the College Board's guidelines for AP World History. Allows students to investigate ways of teaching world history in sophisticated and intellectually rigorous ways both inside and outside the classroom. Global Perspectives Course.

HIST 3680 Modern Jewish History

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION This course offers an intensive survey of the major currents in Jewish history from the year 1500 to the late twentieth century. Focusing upon the many different societies in which Jews have lived, the course explores Jewish responses to the political, economic, and cultural challenges of modernity. Topics to be covered include the political emancipation of European Jews, Jews experience in Muslim nations, Jewish engagement with socialism and capitalism, immigration, Zionism, the Holocaust, and American Jewish cultural production (including music, film, and television). No prior background in Judaism or Jewish history is expected.

HIST 3690 Honors Readings

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION

HIST 3700 China and Japan to 1600

CREDIT HOURS 4.0

DESCRIPTION Origins and development of two ancient civilizations, with emphasis upon traditional thought, cultures, institutions, and change.

HIST 3710 China and Japan since 1600

CREDIT HOURS 4.0

DESCRIPTION East Asia in modern transformation from 1600 to the present, emphasizing pre-nineteenth century prosperity, nineteenth-century crises, and twentieth-century change.

HIST 3715 Modern Japan

CREDIT HOURS 4.0

DESCRIPTION This course explores the history of Japan during the modern period, from late 1500s through the present. Special attention will be paid to the development of Japanese national identity in local, regional and global contexts. Primary and secondary sources, including writing and other media, will allow students to understand and appreciate Japan s transformation from relative isolation to a major regional and global power in the twentieth century.

HIST 3720 Colonial Latin America

CREDIT HOURS 4.0

DESCRIPTION Spain's and Portugal's conquests and settlements in the Western hemisphere; the organization and collapse of their colonial systems.

HIST 3730 Latin America since 1810

CREDIT HOURS 4.0

DESCRIPTION Political, economic, and social developments of the major countries, such as Mexico, Argentina, Brazil, and Chile.

HIST 3740 Mexico

CREDIT HOURS 4.0

DESCRIPTION This course explores the history of Mexico and its people from the time before the Spanish arrived to the present day. Focusing on culture, everyday life, and the borderlands, it gives a thorough introduction to the United States closest Latin American neighbor. The class is designed to work for students from a wide variety of majors for whom an understanding of Mexico would be useful.

HIST 3780 Middle East 600-1800

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4110.) Political, cultural, social, and economic developments in the lands from Spain to Central Asia since the rise of Islam.

HIST 3790 The Middle East since 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4120.) Political, cultural, social, and economic developments from Morocco to Iran, including imperialism, nationalism, independence, and religious revival.

HIST 3795 The Rise and Fall of the Ottoman Empire, 1300-1922

CREDIT HOURS 4.0

DESCRIPTION Explores the six hundred year history of the Ottoman Empire and its roles in bridging the Medieval and Modern eras in world, Middle Eastern, and Mediterranean/European history. Examines social institutions, economic dynamics, and modernization in the Ottoman Empire, as well as a rival political and social order in Persia, the Safavid Empire. Brings a detailed look at a crucial series of processes that ultimately helped to create the Modern Middle East after World War One.

HIST 3800 South Asia to 1757

CREDIT HOURS 4.0

DESCRIPTION Political, cultural, social, and economic developments in the Indian subcontinent from prehistoric times to the era of British hegemony.

HIST 3810 Modern India

CREDIT HOURS 4.0

DESCRIPTION This course familiarizes students with the political, social, economic and cultural dynamics of modern India from the beginning of colonialism in 1757 to the present day. We will explore some major issues and themes that have shaped the politico-economic culture of the subcontinent in modern times and continue to influence the present-day life. This course tracks the trajectory of colonialism in India (late 18th and 19th centuries) and of the anti-colonial movement spearheaded by the Indian National Congress (late 19th to mid-20th centuries). Problems and issues of post-colonial India and the political and economic aspirations of the nation states of India, Pakistan, and Bangladesh in the late 20th and early 21st centuries will be analyzed from the perspectives of globalization and the changing balance of power in the contemporary world. We will also frequently read and discuss extracts from primary sources/documents.

HIST 3820 Southeast Asia

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION This course introduces students to Southeast Asia as a region, exploring the major cultural, political, and economic aspects of its development. Students may explore how the events in Southeast Asia compare and contrast with larger global transformations, as evidenced in the closely linked Indian Ocean and larger Islamic or East Asian worlds. Among the themes possibly covered in the course (depending on the professor): 18th and early 19th Century Southeast Asia and Imperialism; Nationalism; Migrations from South Asia, Middle East and the Americas; Decolonization; the Cold War, and Contemporary Southeast Asia. 3-4 credit hours.

HIST 3900 Human Rights in Historical Perspective

CREDIT HOURS 4.0

DESCRIPTION Exploration of the historical development of human rights as contested ideal, movement, and institution. Topics may include premodern origins of human rights, modern struggles for the recognition of human rights, and historic and recent controversies around the legitimacy of human rights. May be repeated if topic varies.

HIST 4100 Philosophy of History

CREDIT HOURS 3.0

DESCRIPTION What is history. How do we understand and represent the past. How does historical inquiry relate to a given society and culture. Western thinkers have asked these questions time and again since the Enlightenment; this course will examine the most important arguments and issues in the philosophy of history. Key topics will include: the validity of grand historical narratives of history; the rise of scientific history and historical positivism; historicism and its critique; and postmodern reflections on history.

HIST 4200 American Culture and Ideas

CREDIT HOURS 4.0

DESCRIPTION This course will explore the history of American culture and ideas through books, essays, films, novels, and more.

HIST 4215 Space and Place in American History

CREDIT HOURS 4.0

DESCRIPTION Explores the history, design, and meaning of ordinary places and buildings in the U.S. from houses and resorts to skyscrapers and factories. Topics include theories of "high" culture and "low;" the history of architecture and real estate; and methodologies from history, geography, anthropology, and sociology for mapping power, conceiving of landscape as history, and understanding space as a commodity. Students will learn to use the built environment as evidence of larger historical trends, including social, economic, and political struggle.

HIST 4220 The American City

CREDIT HOURS 4.0

DESCRIPTION Origins and growth of American cities from the colonial period to the present; economic, political, and cultural developments; the process of urbanization; and the influence of urbanism on the American experience.

HIST 4225 Immigrants in America

CREDIT HOURS 4.0

DESCRIPTION The history of immigration and the creation of "ethnic" identity in the United States from European contact to the present. The course will explore the relationship between the changing economic, social, legal, cultural, and political conditions of immigration in different historical periods and will examine the ways in which immigrant and native-born Americans have continuously renegotiated and evolved notions of ethnicity, race, and American citizenship.

HIST 4230 Foreign Relations of the United States

CREDIT HOURS 4.0

DESCRIPTION Legacy of the colonial era, problems of a new nation, expansion and evolution of America as a great power, New Deal diplomacy, the United States in World War II, the "Cold War," and the "American Empire.".

HIST 4240 American Labor and Working Class

CREDIT HOURS 4.0

DESCRIPTION Includes an examination of working class culture, labor and politics, trade union leadership, government and philosophy, and contemporary labor problems.

HIST 4245 The United States in the 1960s

CREDIT HOURS 4.0

DESCRIPTION A social and cultural history of the U.S. in the 1960s, with special attention to the civil rights, peace, and women's movements; the counterculture; race, gender, and electoral politics; the New Left and radical politics; the lasting influence of the 1960s on late 20th-century U.S. politics and culture.

HIST 4250 Women in America

CREDIT HOURS 4.0

DESCRIPTION (Same as WGSS 4440.) Issues involving American women from the seventeenth century to the present. Topics include women's changing economic role, the family, religion, race and ethnicity, and the struggle for legal and political equality.

HIST 4255 U.S. Civil War and Reconstruction

CREDIT HOURS 4.0

DESCRIPTION Survey of the American Civil War era, including causes of the war, the war itself, Reconstruction, and the war's commemoration from the 1860s to the present.

HIST 4260 African-American Women

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4660.) Examination of the varied history of African-American women. Centered in the tradition of race and gender protest; how women have generationally developed agendas and forums around social justice reform; exploration of themes, individuals, and collective action, revealing the impact of race, class, and gender on the lives of African-American women.

HIST 4270 Topics in African American History

CREDIT HOURS 4.0

DESCRIPTION Advanced studies in African American history; topics vary according to instructor. May be repeated if the topic differs.

HIST 4280 Enslavement and Resistance in North America

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4600.) Examines the character of chattel slavery and racial oppression in Colonial America and in the United States and insurgent responses to it by the captive and "free" population of African descent in North America.

HIST 4290 Enslavement in the Americas

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4620.) Comparative examination of systems of captivity and forced labor in the western hemisphere and the social development and popular responses of captive Africans to these systems. Emphasis on the continuities of African culture and the unique adaptation of culture and social organization in each country. The nature of resistance and the process of eliminating the system of captivity.

HIST 4300 The American South

CREDIT HOURS 4.0

DESCRIPTION History of the South from the early nineteenth century to the present, emphasizing the changes in the region and important issues such as the growth of southern sectionalism in the 1820s and the impact of urbanization and civil rights in the twentieth century.

HIST 4310 Georgia

CREDIT HOURS 4.0

DESCRIPTION History of Georgia from pre-colonial times to the present, including Native American cultures and strategies; colonization; Georgia in the new republic; slavery and antebellum development; Civil War and Reconstruction; the New South era; the civil rights movement; the emergence of modern Georgia. Of particular significance to teachers and prospective teachers in elementary and secondary education.

HIST 4320 Metropolitan Atlanta

CREDIT HOURS 3.0

DESCRIPTION (Same as GEOG 4768 and SOCI 4279.) Interdisciplinary perspective focusing on social, historical, and geographic processes which have shaped the Atlanta region.

HIST 4325 Introduction to Public History and Historic Preservation

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION This course is designed to provide the student with an understanding of the theory and practice of Public History and Historic Preservation. The course will cover a variety of topics including museum studies, material culture, the application of National Register criteria, historic interpretation, oral history, local history and preservation at the local, state and federal levels. The class will include field trips to areas sites, local museums and historic neighborhoods.

HIST 4330 Oral History

CREDIT HOURS 4.0

DESCRIPTION Comprehensive introduction to oral history, its evolution, methodological and theoretical concerns, interviewing techniques, and applications.

HIST 4340 Administration and Use of Historical Archives

CREDIT HOURS 3.0

DESCRIPTION Creation, preservation, and use of historical records which includes the study of archival principles and techniques; practical experience in the university and local, federal, and state archival depositories.

HIST 4345 Case Study in International Preservation

CREDIT HOURS 4.0

DESCRIPTION The study of preservation and conservation programs and processes in foreign countries, through lectures, readings, and site visits. Comparison of preservation and public history as it is practiced in foreign programs with the approaches taken in the United States. Field trips abroad are required. May be repeated for credit if topics vary.

HIST 4350 Film and History

CREDIT HOURS 4.0

DESCRIPTION (Same as FILM 4350.) Explores multiple interactions between cinema and the past, how film produces history, and how history can be examined through film.

HIST 4400 The History of the American West

CREDIT HOURS 4.0

DESCRIPTION History of the American west from the 17th through the 20th century, from the establishment of the French and Algonquin fur trade empire in the Great Lakes region through the US conquest and settlement of the trans-Mississippi west. Particular attention will be paid to the meeting of different peoples on the frontier borderlands, and the economic, social, and environmental consequences of their interaction.

HIST 4430 American Jewish History

CREDIT HOURS 4.0

DESCRIPTION This course surveys the Jewish experience in the United States, examining the religious, cultural, political, and economic activities of American Jews from the colonial period to the present. Students will explore the ways Jewish tradition has been adapted in America, what the relationship of American Jews has been to other Americans, and how American Jewish identities have been created from modern Jews' dual impulses for integration and distinctiveness. The course will include a significant examination of issues of regional identity, with particular focus upon the Southern Jewish experience. We will explore Jewish relationships with black and white gentile southerners, as well as southern Jews' embrace of southern culture and southern identity. This course will also familiarize students with the excellent resources on Atlanta Jewish history available at local archives.

HIST 4450 History of Crime in America

CREDIT HOURS 4.0

DESCRIPTION An examination of crime from the colonial period to the present. Specific topics include piracy in the eighteenth-century Atlantic world, outlaws in the U.S. West after the Civil War, the Mafia during the twentieth century. Emphasis on the relation between crime, capitalism, the state, and race.

HIST 4460 Bills of Rights

CREDIT HOURS 4.0

DESCRIPTION The Bill of Rights is central to the American constitutional experience. This course examines the historical origins of rights claims in Anglo-American law and the intellectual problem of how best to balance authority and liberty that accompanied revolutionary thinking. It also appraises the development of rights consciousness and the Bill of Rights throughout American history, from the anti-slavery movement to the Civil Rights struggle to the War on Terror.

HIST 4470 U.S. Legal and Constitutional History

CREDIT HOURS 4.0

DESCRIPTION The Founders' world was one vastly different from our own, but they produced a Constitution revered as timeless and immutable. This course examines the political and social world of George Washington, Alexander Hamilton, James Madison and other Founders. We will also critically examine the intellectual, political, and cultural origins of the Constitution, the Founders intentions, and the process of Ratification. The Course will examine the Founders Constitution in its operation up through the constitutional crisis precipitated by secession and the Civil War.

HIST 4480 Special Topics in History, Northumbria

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Advanced studies in history at University of Northumbria in Newcastle; topics vary according to instructor. May be repeated if topic differs. Restricted to students in the GSU-Northumbria Exchange Program in British and American Cultural Studies.

HIST 4490 Topics in American History

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Advanced studies in American history; topics vary according to instructor. May be repeated if topic differs.

HIST 4510 Origins and Collapse Ancient Near Eastern Societies

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4140.) History of Egypt, Mesopotamia, Iran, the Levant, Anatolia and Central Asia from 3500 BCE to 323 BCE. Areas of exploration will include the origins of the state; the development of Egyptian and Mesopotamian kingship; the collapses of the Early and late Bronze Age; human environment interactions; nomads and settled societies; Mesopotamian literature; women's legal status; the Hittite Empire; daily life in an Egyptian village; the invention of the alphabet; Assyrian imperial terrorism; the rise of monotheism; the Persian empire.

HIST 4520 Ancient Persia, Greece, and Rome

CREDIT HOURS 4.0

DESCRIPTION (Same as MES 4150.) History of Persia, Greece, and Rome from 1800 BCE to 500 CE. Areas of exploration will include Bronze Age Greece in Near Eastern context; the 12th century BCE "Catastrophe"; Archaic Greek religion; the polis; Greek drinking parties and politics; the Persian conquest; the rise of Zoroastrianism; Hellenic syncretism; Parthia and Rome as the heirs of Hellenism; the metropolitan Roman empire; disease and demography in Late Antiquity; and the rise of Christianity.

HIST 4530 Religion and Society in Early Modern Europe

CREDIT HOURS 4.0

DESCRIPTION Political, intellectual, cultural, scientific, religious, economic, and military developments in Europe from ca. 1300 to ca. 1650. The development of humanistic studies, of print culture, of religious revolt, of the "nation-state," and the importance of the "global discovery" revolution.

HIST 4532 Crime, Law and Society in Early Modern Europe

CREDIT HOURS 4.0

DESCRIPTION Social and cultural history of crime in early modern Europe. Topics include witchcraft and heresy, the criminalization of sexuality and sexual taboos, poverty and vagrancy, the construction and subversion of social and gender norms, political rebellion, court procedures, torture and methods of punishment.

HIST 4540 Britain, Ireland, and the British Atlantic, 1485-1689

CREDIT HOURS 4.0

DESCRIPTION Transition from medieval to modern England; special attention to the medieval constitution; the Tudor system of governance; religious innovation and conflict; society, gender and the preindustrial economy; the political and conceptual revolutions of the seventeenth century.

HIST 4550 Britain, Ireland, and the British Empire since 1689

CREDIT HOURS 4.0

DESCRIPTION The intertwined histories of Britain, Ireland, and the British Empire and Commonwealth since the late seventeenth century; ascendancy of a British imperial state and spread of a global empire; emergence of metropolitan, colonial, and diasporan identities; interplay of gender, class, and race; impact of decolonization and globalization.

HIST 4570 France Since 1715

CREDIT HOURS 4.0

DESCRIPTION Considers major themes in French History since the eighteenth century. Topics include old regime society and politics; the Enlightenment; Revolution and Napoleon; class and gender in bourgeois society; nationalism, imperialism, fascism, and the world wars; decolonization; the European Union, new social movements, and immigration.

HIST 4575 German History to 1900

CREDIT HOURS 4.0

DESCRIPTION Considers major themes in German history to 1900. Topics include the Reformation, state formation, Baroque statecraft and the Thirty Years War, the mechanics of the Holy roman Empire, the German enlightenment of Romanticism, the consequences of the Napoleonic wars, the 1848 revolutions, national unification, industrialization, and German imperialism.

HIST 4580 German History since 1900

CREDIT HOURS 4.0

DESCRIPTION Intellectual, social, economic, cultural, and political history of Germany since 1900. Special attention to nationalism, effects of WWI, the Weimar Republic, Nazism and WWII, the divided Germanies and reunification. Themes include consumerism, the mass media, and relationships between state, society, and the individual.

HIST 4590 Russia to 1861

CREDIT HOURS 4.0

DESCRIPTION Steppe nomads, Vikings, Kievans, Byzantines, and Mongols; the tribute collecting hierarchy; the Muscovite God and the Tsar; peasant society; emergence of Russia as a Eurasian power; "Westernization" and opposition to it; the Great Reforms.

HIST 4600 Russia and the Soviet Union Since 1861

CREDIT HOURS 4.0

DESCRIPTION The challenge of the West and governmental and social reform; populism, socialism, and peasant tradition; the 1917 and "Stalin" Revolutions; emergence of the Soviet Union as a world power and the challenge to the West; de-Stalinization, "Stagnation," and Perestroika; Post-Soviet society.

HIST 4610 Modern Eastern Europe

CREDIT HOURS 4.0

DESCRIPTION East Central Europe and the Balkans in the nineteenth and twentieth centuries; peasant society and urban reformers; nationalism and wars of national hatred; imperialism within Europe; socialism, capitalism, and other myths.

HIST 4615 Scientific Revolutions

CREDIT HOURS 4.0

DESCRIPTION Examination of the histories of different scientific disciplines, their methodologies, practices, forms of knowledge and interrelations, integrating tranformations in the sciences with broader historical changes. Topics include the histories of scientific revolutions, the relationship between science and technology, the social and political uses of science, and criticisms of science.

HIST 4620 Europe: Culture and Ideas

CREDIT HOURS 4.0

DESCRIPTION Selected themes in European cultural and intellectual history; themes vary according to instructor.

HIST 4630 European Intellectual History I: From Medieval to Marx

CREDIT HOURS 4.0

DESCRIPTION Considers major themes in European intellectual history from the late medieval to the mid-19th century. Special focus on important thinkers, methods of intellectual history, and significant trends and movements.

HIST 4635 European Intellectual History II: From Marx to Postmodernism

CREDIT HOURS 4.0

DESCRIPTION Explores the social-cultural history of European thought from the late nineteenth century to the 1980s. Major topics/thinkers may include but are not limited to Marx and Marxism, Nietzsche, the turn-of-the-century avant-garde, Freud and Psychoanalysis, Modernism, Existentialism, Fascism, Second Wave Feminism, the counter culture, and postmodernism.

HIST 4640 The Holocaust

CREDIT HOURS 3.0

DESCRIPTION (Same as SOCI 3228.) Historical and social analysis of the mass deprivation and murder of Jews and other people under the policies and auspices of National Socialist Germany, 1933-1945.

HIST 4650 Gender and Sexuality in European History

CREDIT HOURS 4.0

DESCRIPTION (Same as WGSS 4650.) Explores changing views of men's and women's roles in society, politics, and the economy. Topics include changing ideas about masculinity and femininity; the evolution in ideas about sex and sexuality; the invention of homosexuality; and the "sexual revolution" of the twentieth century.

HIST 4690 Topics in European History

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Advanced studies in European history; topics vary according to instructor. May be repeated if the topic differs.

HIST 4730 History of Hati

CREDIT HOURS 4.0

DESCRIPTION This course studies the history of Haiti, both before and after independence, and highlights the key themes and events in the country's history. We will study the faltering beginnings of the colony under Spanish and then French control; the development of a lucrative economy based on slave labor and the export of agricultural commodities; the socio-racial hierarchy that this system produced; the world's only successful slave revolution; the development of the second independent country in the Americas; the development of Haitian Voodoo and the Creole language; the invasion of Haiti by the American Marines in the twentieth century; the rise of the Duvalier dictatorships; the rise of poverty and foreign aid; and the devastating earthquake in 2010.

HIST 4740 Latin American Revolutions

CREDIT HOURS 4.0

DESCRIPTION Socio-political and economic revolutions in Latin America with comparisons to other twentieth-century revolutions.

HIST 4745 Modern Cuba: History, Politics and Society

CREDIT HOURS 4.0

DESCRIPTION This course introduces students to the major factors that shaped Modern Cuba. Moving chronologically from the late nineteenth to the late twentieth century, the readings highlight the historical, political, cultural, and social transformations within the Cuban republic and the challenges of revolutionary society after 1959. Particular emphasis will be placed on political affairs, national identity, race and gender relations, and immigration. Daily reading, active class discussion, and written assignments, along with images and music, are designed to focus student inquiry and analysis of Cuba's complex history.

HIST 4750 Eastern Africa and the Horn of Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4765.) Social, political, cultural, and economic history of the region from the origins of the human race to the present, including ancient civilizations; Judaism, Christianity, and Islam; international trade; European colonialism; and independence.

HIST 4760 Central and Southern Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4760.) Social, political, cultural, and economic history of the region from the earliest times to the present, including indigenous African civilizations, European colonialism, African nationalism, and independence.

HIST 4770 Western Africa

CREDIT HOURS 4.0

DESCRIPTION (Same as AAS 4770.) Social, political, cultural, and economic history of Western Africa, dealing with the early civilizations, the coming of Islam, European colonialism, and independence.

HIST 4772 Women in Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4772 and WGSS 4772.) An examination of African women's roles in domestic production, their relationship to the state, and the effect of social change on women from the pre-colonial period to the contemporary era.

HIST 4774 African Rebellions

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4774.) An examination of African resistance in the colonial and post-colonial contexts.

HIST 4776 Africa and Hollywood: Myth, Romance, and Savage Imagery

CREDIT HOURS 4.0

DESCRIPTION This course explores the image of Africa projected into American mass culture through the vehicle of commercial films produced about Africa.

HIST 4805 The Middle East and the Americas

CREDIT HOURS 4.0

DESCRIPTION Relationship between the Middle East and the Americas. Explores the use of literature and mass media as well as the impact of the Cold War on present US/Middle East relations. Explores also questions of race, migration to the Americas and political Islam.

HIST 4815 Palestine and Modern Middle East

CREDIT HOURS 4.0

DESCRIPTION Social, economic, cultural and political history of Palestine and its relation to the larger Middle East. Starting from the expansion of European power in the nineteenth century at the expense of the Ottoman Empire, the course charts the developments in Palestine during the modern era. Explores history through the prism of violence, state formation, identity politics, nationalism and migration and its larger impact on the Middle East.

HIST 4820 Cross-Cultural Encounters in World History

CREDIT HOURS 4.0

DESCRIPTION Contexts, impulses, and implications of encounters among cultures/civilizations in world history; testing of theoretical models of cross-cultural interplay with specific case studies (e.g., the diffusion of Buddhism along the Silk Roads, the Mongol integration of Eurasia, and the ecological dimension of European imperialism); emphasis on exchanges both before and after 1500 AD.

HIST 4840 History of Global Urbanization

CREDIT HOURS 4.0

DESCRIPTION Origins of urbanization, regional trends in urban change throughout the world, the construction of a world-wide system of trade after the thirteenth century, the expansion of European cities and colonialism, the rise of the American city, trends in modern urbanization and globalization.

HIST 4845 The Body Politic

CREDIT HOURS 4.0

DESCRIPTION Examines how the human body and political communities have been mutually constructed from ancient to modern times. Presents uses of the body in ancient Chinese and Greek cosmologies, in medieval European theology and medicine, and in Enlightenment and early modern Confucian political formulations. Particular and comparative focus on modern bodies and body culture in rhetoric and practice of modern nation- and empire-building (e.g., Herbert Spencer, muscular Christianity, muscular Judaism, physical culture, calisthenics, and ideologies of national strength and health.) Explores development and use of theoretical literature linking bodies and society.

HIST 4850 Approaches to World History

CREDIT HOURS 4.0

DESCRIPTION Explores twentieth-century approaches to large-scale history. Examines the genesis and evolution of the study of world history and various world history approaches and methodologies including civilizations, world systems, dependency analysis, migration, and cross-cultural interactions, with an emphasis on the inter- and cross-disciplinary nature of the field.

HIST 4855 Transnational Social Movements in Historical Perspective

CREDIT HOURS 4.0

DESCRIPTION Exploration of the historical development and interplay of transnational social movements and advocacy networks since the eighteenth century. Topics may include, but are not limited to, abolitionism, anticolonialism, environmentalism, feminism, pacifism, Pan Africanism, and socialism. May be repeated if topics vary.

HIST 4860 Empires

CREDIT HOURS 4.0

DESCRIPTION Exploration of the historical experience of empires; topics may include pre-modern and early modern empires in Africa, Asia, Europe, and the Americas; economics and politics of modern imperialism; interactions between metropole and colonies; gender, race, culture, and empire: anticolonialism, decolonization, and imperial legacies in a postcolonial world. May be repeated if topics vary.

HIST 4870 Honors Thesis: Research

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

HIST 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES HIST 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

HIST 4885 Special Topics in Heritage Preservation

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Analysis of selected topics in public history or historic preservation such as cultural resource management historic site management, museum management or curatorial studies. May be repeated if topics differ.

HIST 4890 Topics in World History

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Advanced studies in the history of Africa, Asia, Latin America, or the Middle East; topics vary according to instructor. May be repeated if the topic differs.

HIST 4960 British American Culture Seminar I

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES British and American Cultures Program concentration, or permission of English or History program advisor

DESCRIPTION (Same as ENGL 3265.) Analyzes literary and historical themes from the perspectives of American and British authors, historical figures, and literatures. Offered by the English and History departments.

HIST 4961 British American Cultural Seminar II

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES British and American Cultures Program concentration, or permission of English or History program advisor

DESCRIPTION (Same as ENGL 3266.) Analyzes literary and historical themes from the perspectives of American and British authors, historical figures, and literatures. Offered by the English and History departments.

HIST 4970 Independent Study

CREDIT HOURS 4.0

PREREQUISITES HIST 3000 with grade of C or higher and at least five upper-division history courses

DESCRIPTION Consent of the department is required for non majors. By invitation only. For history majors with a grade point average of 3.5 or better in major courses and all course work. No more than four credit hours may be applied toward the major.

HIST 4975 Study Abroad

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES Consent of the department and the faculty leading the study abroad trip

DESCRIPTION Through international travel, students are given an opportunity to participate in on-site study of the historical, intellectual and cultural past of various societies. May be repeated for credit if topics vary. This course may include a Signature Experience component.

HIST 4980 Internship

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES consent of department

DESCRIPTION Through a prescribed field experience, students are given the opportunity to apply knowledge, theory, and understanding gained from courses. This course may include a Signature Experience component.

HIST 4990 Historical Research-CTW

CREDIT HOURS 4.0

PREREQUISITES HIST 3000 with grade of C or higher and at least four upper-division history courses, including at least two at the 4000-level

DESCRIPTION Varies in topic and theme. A specialist guides students in the design of individual research topics, the collection and analysis of evidence from primary sources, and composition of a coherent research paper with depth. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all History majors. This course may include a Signature Experience component.

HIST 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

HON HONORS

HON 1000 Honors Freshman Seminar

CREDIT HOURS 1.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Intensive investigation of a special topic related to instructor's area of expertise.

HON 2260 Honors Colloquium

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Presentation of various interdisciplinary topics in the humanities, the social sciences, the natural sciences, and business. May be repeated as readings vary.

HON 3260 Honors Colloquium

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Presentation of various interdisciplinary topics in the humanities, the social sciences, the natural sciences, and business. May be repeated as readings vary.

HON 3750 Honors Forum

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College

DESCRIPTION Readings from classics in the liberal arts supplemented by attendance at concerts, art museums and galleries, or theatrical performances. May be repeated as readings vary.

HON 4000 Honors Studies in Multicultural Diversity

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION On-site study of intellectual and cultural products of various societies. May be repeated as readings vary.

HON 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION Prerequisites:Good standing with the Honors College and consent of instructor. Readings or research preparatory to honors thesis or project.

HON 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES HON 4870, Good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project.

HADM HOSPITALITY ADMINISTRATION

HADM 3010 Perspectives in the Hospitality Industry

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course provides an overview of the historical evolution and development of the modern lodging, food service, travel and tourism, and other hospitality-related industries. Current situation and future trends of the hospitality enterprise system are examined in relation to career opportunities.

HADM 3310 Hotel Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course is designed to present an overview of the basic components of hotel operations; a historical view of the development of the hotel industry; and understanding of the functions of front and back of the house hotel operations; classifications of hotel products/services; and future trends in hotel development and operations.

HADM 3350 Meeting and Trade Show Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This is a survey course in meetings and trade show management which provides students with a broad overview of the basic structure of large meetings and trade show management. Subject matter includes the role of the corporate, association, and independent meeting planner. The course also includes an examination of trade show purposes, types of facilities, budgeting, contracting, scheduling, and organization structures. Industry trends, issues, and employment opportunities within the disciplines of meetings and trade shows are also covered.

HADM 3401 Principles of Food Production

CREDIT HOURS 2.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Students must concurrently enroll in HADM 3402, Food Production Lab. This is the lecture component of the introductory course in quantity food production. The principles of commerical and institutional food production, emphasizing the terminology, utensils, equipment,fundamental culinary procedures, sanitation and safety standards, standardized recipes, and recipe costing are covered.

HADM 3402 Food Production Lab

CREDIT HOURS 1.0

COREQUISITES HADM 3401

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Lab fee $75.00 (for products used in the course), fall and spring terms and $50.00 for summer terms. Students must concurently enroll in HADM 3401 (2) lecture section. This is a hands-on-food preparation lab where students will interact with and demonstrate the principles of quantity food production in a food production facility. Classes meet once a week for 14 weeks.

HADM 3420 Restaurant and Food Service Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course covers the history, organization, and development of modern food service concepts: industry demographics, impact of restaurants' location, menu design, business entities, franchising, service delivery systems, equipment selection, facility layout, and career demands. The food service industry includes not only commercial table service restaurants and fast food operations, but all public and private operations offering food service to a constituency that includes retail, contract feeding, military, education, health care, transportation, and recreation areas.

HADM 3490 Private Club Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course explores the operation and management of private city, country, and athletic clubs. Topics include the general manager concept, organizational structure of clubs, board of directors, membership requirements, equity and nonequity clubs, tax-exempt clubs and nontax-exempt clubs, duties and responsibilities of department heads in private clubs, governmental regulations, the future of clubs, and the relationship of private clubs to the hospitality industry.

HADM 3500 Beverage Management

CREDIT HOURS 3.0

PREREQUISITES Students must be 21 years of age

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6. Authorization of age is provided prior to registration.

DESCRIPTION The management of the purchasing, merchandising, control, pricing, cellar management and inventory control of wine is covered. Emphasis is given to management elements of wine purchasing and retail sales with a restaurant or hotel operations. Responsible alcohol consumption, legal liability and moral obligations pertaining to the sale and consumption of alcoholic beverages are covered. The course is designed to develop an appreciation of viticulture and oenology and instill a deeper knowledge of wines to pair with food. Wines are introduced in their historical context and viniculture and viticulture are explained. The course covers the world's twelve major grapes varieties country by country.

FEES Lab fee $60.00 (for products used in the course)

HADM 3600 Event Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This survey course provides an overview of different types of events including corporate, social, sporting, cultural and mega-events. Subject matter includes types of facilities, management roles, industry metrics, contract negotiations, risk and liabilities, sponsorship management, changing attendee demographics, current industry trends/issues and employment opportunities.

HADM 3720 Hospitality Law

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 6

DESCRIPTION This course examines federal, state and local laws applicable to the operation of food and lodging enterprises. The student also studies innkeeper-guest relationship and liability issues impacting ownership, management, and employees. Bailment, agency, and contracts are presented in the context of hospitality enterprises.

HADM 3750 Hospitality Human Resources Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course investigates the study of organizational behavior, selection and placement of personnel, role of supervision, performance appraisal, wage and salary administration, employee motivation, communication and training as they pertain to the establishment of an effective employee relations program in hospitality businesses.

HADM 3760 Hospitality Service Marketing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 or consent of instructor and BCOM 3950 and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course provides an introduction to service marketing and its application to the hospitality industry, including the application of basic marketing concepts and research methods. The course will also cover the design and delivery of a marketing plan for a hospitality business.

HADM 3800 Hospitality Quality Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION An examination of the issues and strategies of hospitality service where service is defined as, "a useful activity that does not produce a tangible product" but produces results for customers and, in come cases, actually changes customers; The concept of service and linkages to the functional areas of marketing, operations and human resources of hospitality businesses will be discussed. Different strategies for planning and implementing effective customer service will be covered including Six Sigma and utilizing Malcolm Baldrige Quality for Excellence criteria in a variety of hospitality settings including hotels, restaurants, foodservice operations, convention/meeting facilities, venues and clubs.

HADM 4100 Hospitality Financial Analysis

CREDIT HOURS 3.0

PREREQUISITES FI 3300 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION Lab fee $70.00 (includes a certification exam, Certification in Hospitality Industry Analytics). Internal systems for monitoring revenues and expenses, ratio analysis, break-even, and closing point are pre- sented as additional financial tools for the owner-manager. Other topics include labor costs analysis and scheduling techniques; the menu as a cost control and marketing tool; sales mix analysis; pricing theories and methodology; food and beverage purchasing; and inventory systems. The course also covers the Uniform System of Accounts for Restaurants and Small Hotels and Motels, financial reporting for opera- tional analysis, and proforma development.

HADM 4200 Venue and Facility Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course will focus on the principles and practices of facility and venue management. The course will provide an overview of managing a variety of venues including arenas, amphitheaters, auditoriums/theaters, convention centers, stadiums and special event facilities. Ownership and governance of facilities will be discussed including current funding approaches used in building and operating different types of venues. The major functional areas will be discussed in detail.

HADM 4300 Aviation Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1 ,2, 6

DESCRIPTION This course is designed to provide students with a foundation of information on airline management and airport management in what collectively will be referred to as "aviation management." The course will cover aviation history, laws and regulations impacting airlines and airports, security issues, technology including yield management principles applied to airline fares and career opportunities in this industry. Domestic and international airlines and airports will be covered.

HADM 4389 Directed Readings in Hospitality Administration

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

HADM 4400 Airline Management and Marking

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course focuses on airline business and marketing strategies as tied to airline operations. Key airline functional areas such as airline forecasting, pricing, scheduling, fleet planning, human and labor relations and financing will be included. The interaction between airline operations, business planning and marketing strategies is explored. International aviation will be explored as it relates to airline business and marketing plans.

HADM 4450 Airport Operations and Management

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP: 1.2.6. This course provides an overview of operations, management, planning and design of airports. It is designed to provide students with high-level familiarity with major parts of an airport. It also provides a context for understanding and expressing issues related to airports. Emphasis will be placed on understanding the management, operations and planning of an airport and economic constraints under which the industry operates.

HADM 4600 Hospitality European Experience

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP Word, PowerPoint

DESCRIPTION This course explores hospitality operations in European countries including hotels, restaurants, convention center, spas and resorts, casino operations and producers such as wineries and breweries. The focus of the course, held in conjunction with the European Hospitality Study Abroad trip, is a comparative analysis of this industry including economic impact, organizational stucture, market segmentation, human resource issues, service management and sustainable practices. Students will visit a variey of hospitality operations including time with management teams to discuss the specific operational details of the business. Comparative analyses will be involved between the European countries visited as well as with the hospitality industry in the United States.

HADM 4800 Hospitality Strategic Leadership-CTW

CREDIT HOURS 3.0

PREREQUISITES Completion of 12 semester hours in required HADM courses

DESCRIPTION This course satisfies critical thinking through writing requirements. The course integrates academic and practical experiences in the analysis of current external environmental conditions and internatl conditions focused on specific hospitality companies. The course focuses on assessment and analysis of leadership styles in decision-making, problem-solving, team-building and crisis management. Students analyze their own leadership skills through applied, experential learning.

HADM 4900 Hospitality Field Experience

CREDIT HOURS 0.0

PREREQUISITES Completion of 400 work units

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP: 1, 6. All hospitality majors, upon completion of 400 units of hospitality work experience and upon completion of the work-study portfolio, must register for HADM 4900. This course carries no hours credit, and there are no tuition fees involved. Grading is satisfactory/Unsatisfactory based on successful completion of the work-hour requirement and the portfolio which details work experiences and involves the students' self-critique of their skills and knowledge in preparation for a career in the hospitality industry.

HADM 4990 Hospitality Management Practicum

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Approval of school director

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is designed to provide hospitality students an opportunity to gain management experience in the industry work environment prior to graduation. This course also provides structured and controlled training programs where students are given limited management authority and responsibility. Application must be made and approved a minimum of one term in advance of internship. This course may include a Signature Experience component.

IEP 0300 TOEFL PREP Test of English for as a Foreign Language Test Preparation

CREDIT HOURS 2.0

COREQUISITES Level 3 or higher in the Intensive English Program (must be enrolled as a full-time or part-time IEP student)

DESCRIPTION In this course, students will learn about the types of questions they can expect to see in all sections of the current TOEFL exam. Class time will be spent identifying the types of responses needed for the various question types, answering questions under timed conditions, and most importantly, clarifying the relationship between the TOEFL tasks with the learning outcomes of the students' IEP courses.

IEP 0350 Special Topics in English Proficiency Test Preparation

CREDIT HOURS 3.0

DESCRIPTION The course develops students test taking skills for the TOEFL and/or IELTS examination.

IEP 0410 Oral Fluency I

CREDIT HOURS 3.0

DESCRIPTION Oral fluency for basic level non-native speakers of English; focus on vocabulary, grammar, and communicative activities.

IEP 0420 Oral Fluency II

CREDIT HOURS 3.0

DESCRIPTION Oral fluency for low-intermediate level non-native speakers of English; focus on vocabulary, grammar, and communicative abilities.

IEP 0510 Extensive Reading I

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for basic level non-native speakers of English.

IEP 0520 Extensive Reading II

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for low-intermediate level non-native speakers of English.

IEP 0530 Extensive Reading III

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for intermediate level non-native speakers of English.

IEP 0540 Extensive Reading IV

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for high-intermediate level non-native speakers of English.

IEP 0550 Extensive Reading V

CREDIT HOURS 3.0

DESCRIPTION Extensive reading of academic and non-academic literature for advanced level nonnative speakers of English.

IEP 0610 Introductory Structure and Writing I

CREDIT HOURS 6.0

DESCRIPTION English structure and writing for basic level non-native speakers of English.

IEP 0620 Introductory Structure and Writing II

CREDIT HOURS 6.0

DESCRIPTION English structure and writing for low-intermediate level non-native speakers of English.

IEP 0630 Structure and Composition III

CREDIT HOURS 6.0

DESCRIPTION Applied English structure in extensive writing for intermediate level non-native speakers of English.

IEP 0640 Structure and Composition IV

CREDIT HOURS 6.0

DESCRIPTION Applied English structure in extensive writing for high-intermediate level non-native speakers of English.

IEP 0650 Structure and Composition V

CREDIT HOURS 6.0

DESCRIPTION Applied English structure in extensive writing for for advanced level non-native speakers of English.

IEP 0710 Oral Communication for Academic Purposes I

CREDIT HOURS 3.0

DESCRIPTION Oral communication for basic level non-native speakers of English.

IEP 0720 Oral Communication for Academic Purposes II

CREDIT HOURS 3.0

DESCRIPTION Oral communication for low-intermediate level non-native speakers of English.

IEP 0730 Oral Communication for Academic Purposes III

CREDIT HOURS 3.0

DESCRIPTION Oral communication for intermediate level non-native speakers of English.

IEP 0740 Oral Communication for Academic Purposes IV

CREDIT HOURS 3.0

DESCRIPTION Oral communication for high-intermediate level non-native speakers of English.

IEP 0750 Oral Communication for Academic Purposes V

CREDIT HOURS 3.0

DESCRIPTION Oral communication for advanced level non-native speakers of English.

IEP 0810 Reading Skills I

CREDIT HOURS 3.0

DESCRIPTION Reading skills for basic level nonnative speakers of English.

IEP 0820 Reading Skills II

CREDIT HOURS 3.0

DESCRIPTION Reading skills for low-intermediate level nonnative speakers of English.

IEP 0830 Reading and Listening for Academic Purposes III

CREDIT HOURS 3.0

DESCRIPTION Reading and listening skills for intermediate level non-native speakers of English.

IEP 0840 Reading and Listening for Academic Purposes IV

CREDIT HOURS 3.0

DESCRIPTION Reading and listening skills for high-intermediate level non-native speakers of English.

IEP 0850 Reading and Listening for Academic Purposes V

CREDIT HOURS 3.0

DESCRIPTION Reading and listening skills for advanced level non-native speakers of English.

IEP 0930 Writing for University Exams III

CREDIT HOURS 3.0

DESCRIPTION Academic writing for intermediate level nonnative speakers of English.

IEP 0940 Writing for University Exams IV

CREDIT HOURS 3.0

DESCRIPTION Academic writing for high-intermediate level nonnative speakers of English.

IEP 0950 Writing for University Exams V

CREDIT HOURS 3.0

DESCRIPTION Academic writing for advanced level nonnative speakers of English.

ISCI 2001 Integrated Science I: Life/Earth Sciences

CREDIT HOURS 3.0

DESCRIPTION Students must be enrolled as Early Childhood Education majors. This is an inquiry-based content course designed to familiarize students with the fundamental concepts of biology and geology. Topics include life, biosphere, diversity, heredity, cells, ecosystems, Earth systems, lithosphere, hydrosphere, solar system, star charts, and weather. This course includes numerous hands-on activities.

ISCI 2002 Integrated Science II: The Physical Sciences

CREDIT HOURS 3.0

DESCRIPTION Examination of basic physical concepts, focusing on their applications in the areas of mechanics, electricity, heat, sound, light, matter, and energy. Laboratory exercises are integrated into the scheduled class periods to emphasize an experimental approach to learning. The course also includes examples of computer-based instruction in the classroom. The course focuses on the needs of Early Childhood Educators and also includes examples.

ID INTERIOR DESIGN

ID 3000 Drafting

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, AH 2000 and AH 1700 or AH 1750 or AH 1850 with grades of C or higher

DESCRIPTION Plan, elevation, section drawing including visualization, lettering, multiview paraline, and perspective projections are explored.

FEES $75.00

ID 3250 Computer-Aided Drafting and Design I

CREDIT HOURS 2.0

PREREQUISITES ID 3000 and ID 3300 with grades of C or higher or consent of instructor

DESCRIPTION

FEES $75.00

ID 3300 Interior Design: Theory

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, AH 2000 and AH 1700 or AH 1750 with grades of C or higher

DESCRIPTION Study and exploration of principles of color and design of the interior environment.

FEES $75.00

ID 3350 Interior Design: Materials

CREDIT HOURS 3.0

PREREQUISITES ID 3300 with grade of C or higher and consent of instructor

DESCRIPTION General overview and introduction to interior materials, their specific properties, and appropriate applications. Lab fee: $75.00. 3.000 Credit hours.

ID 3500 Interior Design: Spatial Organization

CREDIT HOURS 3.0

PREREQUISITES ID 3300 with grade of C or higher and consent of instructor

DESCRIPTION Organizing objects in space using architectural dimension and human factors. Lab fee: $75.00. 3.000 Credit hours.

ID 3600 Building Systems and Codes

CREDIT HOURS 2.0

PREREQUISITES ID 3000 and ID 3300 with grade of C or higher and consent of instructor

DESCRIPTION Comprehensive introduction to the basic elements of building construction, environmental building systems, and design and construction regulations. Lab fee: $75.00. 2.000 Credit hours.

ID 3910 History of Interior Design I

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, ART 1050, and AH 1700 or AH 1750 with grades of C or higher, or consent of instructor

DESCRIPTION Development of architecture, interiors, and the decorative arts. Global Perspectives Course.

ID 3920 History of Interior Design II

CREDIT HOURS 3.0

PREREQUISITES ID 3910 with grade of C or higher, or consent of instructor

DESCRIPTION Development of architecture, interiors, and the decorative arts. 3.000 Credit hours Global Perspectives Course.

ID 4000 Interior Design: Selected Topics

CREDIT HOURS 3.0

PREREQUISITES ID 3500 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced studio problems for interior design majors. May be repeated for a maximum of six credit hours.

ID 4100 Lighting Design

CREDIT HOURS 2.0

PREREQUISITES ID 3350, ID 3500, and ID 3600 with grades of C or higher

DESCRIPTION Comprehensive introduction to the application of effective lighting design to enhance and complement varied residential and non-residential interior design solutions.

FEES $75.00

ID 4200 Residential Design I

CREDIT HOURS 3.0

PREREQUISITES ID 3350, ID 3500, and ID 3600 with grades of C or higher

DESCRIPTION Design of residential interiors considering varied lifestyles, housing types, socio-economic conditions, and life stages.

FEES $75.00

ID 4300 Commercial Design I

CREDIT HOURS 3.0

PREREQUISITES ID 3350, ID 3500, and ID 3600 with grades of C or higher

DESCRIPTION Program development, functional analysis, and design of commercial environments.

FEES $75.00

ID 4350 Computer-Aided Drafting and Design II

CREDIT HOURS 2.0

PREREQUISITES ID 3250 with grade of C or higher or consent of instructor An introduction to computer-aided drafting techniques for creating three-dimensional interior spaces

DESCRIPTION

FEES $75.00

ID 4400 ID 4400 COMP-AIDED DRAFTING & DESIGN III Working Drawings

CREDIT HOURS 2.0

DESCRIPTION Prerequisites ID 4350 with grade of C or higher, or consent of instructor. Digital production of contract documents for interior construction. Lab Fee $75.00.

ID 4500 Directed Study

CREDIT HOURS 3.0

PREREQUISITES ID 3500 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced studio problems in interior design. May be repeated for a maximum of six credit hours.

ID 4800 Professional Practice for Interior Designers

CREDIT HOURS 2.0

PREREQUISITES ID 4200 with grade of C or higher

DESCRIPTION Legal, marketing, office and project management, ethics, and personnel issues in the professional practice.

ID 4930 Interior Design Internship

CREDIT HOURS 3.0

PREREQUISITES ID 4300 with grade of C or higher, and consent of program director

DESCRIPTION Professional experiences in interior design or related fields. May be repeated for a maximum of six credit hours. This course may include a Signature Experience component.

ID 4940 Interior Design Portfolio I

CREDIT HOURS 3.0

PREREQUISITES ID 4300 with grades of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. Extensive research and documentation required for final senior portfolio project. Committee review.

ID 4950 Interior Design Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES ID 4940 with grade of C or higher

DESCRIPTION Culminating experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Interior Design majors.

ID 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES consent of instructor and of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of six credit hours.

IB 3090 International Business Operations

CREDIT HOURS 3.0

PREREQUISITES BUSA 3000, and ECON 2105, and ECON 2106

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course builds on BUSA 3000 where students examine globalization of markets and are exposed to the macro environment of international business. Attention shifts in this course to the individual firm and the decisions it faces in internationalization. Both small, entrepreneurial firms as well as large multinational enterprises are examined. Topics addressed include: formulating an internationalization strategy, assessment of global market opportunities, foreign market entry modes, marketing strategies, and management of human resources and financial transactions. Challenges of doing business in emerging markets is a special topic. Global Perspectives Course.

IB 4020 International Trade Management

CREDIT HOURS 3.0

PREREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course covers basic international trade management. This includes the functions and responsibilities of export and import managers who are directly involved with planning and implementing international company policies designed to expand export/import activities. A secondary objective is to examine the public policy aspects of exporting and importing. Global Perspectives Course.

IB 4080 Legal Issues in International Business

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course addresses the business and legal issues of international trade and private commercial transactions and associated concerns. The course covers all types of international business transactions: import/export, distributorships, technology transfers, and foreign direct investment. The course also addresses the international regulation of trade and international dispute resolution. Students will learn practical strategies for negotiating international contracts, working with overseas agents and partners, protecting intellectual property rights, and managing cross-cultural, commercial, political, and other concerns in international transactions.

IB 4100 Introduction to International Entrepreneurship

CREDIT HOURS 3.0

PREREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3

DESCRIPTION Applied aspects of starting a business in the international environment. The course is composed of four modules: creativity, finance, import/export, and marketing. Students complete business plans and are exposed to practical aspects of new business startups. The issue of why some countries are more entrepreneurial than others is explored, with a comparison of national business systems from the perspective of initiating and expanding a business venture.

IB 4389 Directed Readings in International Business

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

IB 4391 International Business Field Study

CREDIT HOURS 3.0

PREREQUISITES Sucessful completion of BUSA 3000 and department approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course enables a student to participate in an international field study at a locally-based international consulate, chamber of commerce or other organizations. When the student satisfies the above requirements, he/she can apply to trhe department , during the normal registration period for the upcoming semester, by providing a written description of the proposed field study. The course is graded on a satisfactory/unsatisfactory basis. This course may include a Signature Experience component.

IB 4410 Study Abroad: Analysis of Regional International Business Practices

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES IB 3090 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course involves an analysis of the different factors affecting the practice of business in different regions of the world. Historical background, current internal reforms and trends in open-market economies, and the prevailing business climate in the country of focus are examined. An in-country experience is a required segment of the course. This course may be repeated for different world regions. This course may include a Signature Experience component.

IB 5000 MIB Energizer Orientation

CREDIT HOURS 0.0

PREREQUISITES None

REQUIREMENTS All MIB students must enroll in IB 5000 in their first semester of enrollment

DESCRIPTION This course is for zero credit, and there is no charge. It is graded on a Satisfactory/Unsatis- factory basis. The schedule will show online. The object-ives of the orientation program are: 1. To develop a sense of community and identify for the MIB students. 2. To begin the process of program planning and career planning, including intership details, community resources, mentor program. 3. To enhance cultural aware-ness through exercises and develop classroom skills through case study & team building exercises.

INTERNATIONAL EXCHANGE

No Related Courses.

ITAL 1001 Elementary Italian I

CREDIT HOURS 3.0

DESCRIPTION Comprehension, conversation, reading, and grammar. The use of the Language Laboratory is strongly recommended. Not open to native speakers of Italian.

ITAL 1002 Elementary Italian II

CREDIT HOURS 3.0

PREREQUISITES ITAL 1001 with grade of C or higher, or equivalent

DESCRIPTION Comprehension, conversation, reading, and grammar. The use of the Language Laboratory is strongly recommended. Not open to native speakers of Italian.

ITAL 2001 Intermediate Italian I

CREDIT HOURS 3.0

PREREQUISITES ITAL 1002 with grade of C or higher, or equivalent

DESCRIPTION Conversation, composition, expansion of the vocabulary, grammar review. The use of the Language Laboratory is strongly recommended.

ITAL 2002 Intermediate Italian II

CREDIT HOURS 3.0

PREREQUISITES ITAL 2001 with grade of C or higher, or equivalent

DESCRIPTION Active practice of major language skills with continued stress on vocabulary building through discussion of a variety of literary and non-literary readings.

ITAL 3301 Civilization

CREDIT HOURS 3.0

PREREQUISITES ITAL 2002 with grade of C or higher

DESCRIPTION Geographical and historical aspects of Italy. Discussions, reading, and writing on topics related to Italy's past and its present. Global Perspectives Course.

ITAL 3302 Advanced Composition and Conversation

CREDIT HOURS 3.0

PREREQUISITES ITAL 2002 with grade of C or higher

DESCRIPTION Grammar and its application in written and oral composition.

ITAL 3303 Understanding and Analyzing Italian Cultural Expression

CREDIT HOURS 3.0

PREREQUISITES ITAL 3301 or ITAL 3302 with grade of C or higher, or consent of instructor

DESCRIPTION Introduction to the reading and analysis of major generic expressions of italian culture (literature in prose and verse, film, opera, popular song, television and pop culture). Students will read and analyze in oral and written Italian at least one major work in each genre, building on and solidifying previously learned grammatical and idiomatic structures and concentrating on speaking, listening, reading and writing in a more complex and structured format. Global Perspectives Course.

ITAL 4033 Italian for International Business I

CREDIT HOURS 3.0

PREREQUISITES ITAL 3301 or ITAL 3302 and ITAL 3303 with grade of C or higher

DESCRIPTION Business vocabulary and correspondence. Protocol of Business environment. Reading and analysis of commercial texts. Global Perspectives Course.

ITAL 4043 Italian for International Business II

CREDIT HOURS 3.0

PREREQUISITES ITAL 4033 with grade of C or higher

DESCRIPTION Business vocabulary and correspondence. Protocol of Business environment. Reading and analysis of commercial texts. Global Perspectives Course.

ITAL 4414 Special Topics in Italian Literature

CREDIT HOURS 3.0

PREREQUISITES ITAL 3301, ITAL 3302 and ITAL 3303 with grades of C or higher, or consent of instructor

DESCRIPTION Study of particular authors, genres, schools or topics not covered in regular courses. May be repeated if topics vary.

ITAL 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Completion of at least two 3000-level Italian courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Italian majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

ITAL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

JAPN 1001 Elementary Japanese I

CREDIT HOURS 3.0

DESCRIPTION Elementary grammar, practice with simple conversational patterns, introduction to writing systems. Not open to native speakers of Japanese.

JAPN 1002 Elementary Japanese II

CREDIT HOURS 3.0

PREREQUISITES JAPN 1001 with grade of C or higher, or equivalent

DESCRIPTION Elementary grammar, practice with simple conversational patterns, introduction to writing systems. Not open to native speakers of Japanese.

JAPN 1101 Intensive Elementary Japanese

CREDIT HOURS 6.0

DESCRIPTION Intensive introduction to Japanese, with emphasis on communicative competence, equivalent to JAPN 1001 and JAPN 1002. Not open to native speakers of Japanese.

JAPN 2001 Intermediate Japanese I

CREDIT HOURS 3.0

PREREQUISITES JAPN 1002 or JAPN 1101 with grade of C or higher, or equivalent

DESCRIPTION Intermediate grammar; practice in conversation, composition, and reading.

JAPN 2002 Intermediate Japanese II

CREDIT HOURS 3.0

PREREQUISITES JAPN 2001 with grade of C or higher, or equivalent

DESCRIPTION Intermediate grammar; further practice in conversation, composition, and reading.

JAPN 2012 Intermediate Composition and Conversation

CREDIT HOURS 3.0

PREREQUISITES JAPN 2002 with grade of C or higher, or equivalent

DESCRIPTION Continued practice of oral and compositional skills, with an emphasis on presentation of personal viewpoints.

JAPN 3001 Advanced Japanese I

CREDIT HOURS 3.0

PREREQUISITES JAPN 2002 with grade of C or higher, or equivalent

DESCRIPTION Continued practice in conversation, composition and reading; expansion of vocabulary; further mastery of grammatical structures.

JAPN 3002 Advanced Japanese II

CREDIT HOURS 3.0

PREREQUISITES JAPN 3001 with grade of C or higher, or equivalent

DESCRIPTION Practice in all receptive and productive language skills; further vocabulary expansion; grammar review.

JAPN 3010 Listening and Pronunciation Clinic

CREDIT HOURS 3.0

PREREQUISITES JAPN 2002 with grade of C or higher

DESCRIPTION JAPN 3001 recommended. Analysis of differences between English and Japanese phonetic segments and rules; exercises to help students overcome their foreign accent in Japanese through use of recently developed audio-lingual materials.

JAPN 3011 Advanced Japanese III

CREDIT HOURS 3.0

PREREQUISITES JAPN 3002 with grade of C or higher

DESCRIPTION Advanced grammar and word formation; conversation and writing practice.

JAPN 3012 Advanced Japanese IV

CREDIT HOURS 3.0

PREREQUISITES JAPN 3011 with grade of C or higher

DESCRIPTION Advanced grammar and word formation; conversation and writing practice.

JAPN 3013 Intensive Grammar Review

CREDIT HOURS 3.0

PREREQUISITES JAPN 3002 with grade of C or higher

DESCRIPTION Review of syntax and morphology for those who have completed the first three years of Japanese. This course serves as a prerequisite (with a grade of B or higher) for an upper-level composition course.

JAPN 3081 Japanese Language and Society

CREDIT HOURS 3.0

PREREQUISITES JAPN 1002 with grade of C or higher

DESCRIPTION Grammar review with emphasis on the social origins of linguistic structures of Japanese. Global Perspectives Course.

JAPN 3082 Reading and Writing in Japanese I

CREDIT HOURS 3.0

PREREQUISITES JAPN 3001 with grade of C or higher, or consent of instructor

DESCRIPTION Three lectures and one supervised lab a week. Mastery of 250 Kanji and practice in Japanese word processing.

JAPN 3084 Business Japanese

CREDIT HOURS 3.0

PREREQUISITES JAPN 3001 with grade of C or higher

DESCRIPTION This course will aim at enhancing a student's ability to understand and apply the practical Japanese encountered in realistic business situations. Global Perspectives Course.

JAPN 4063 Practicum in Japanese

CREDIT HOURS 3.0

PREREQUISITES Senior standing and consent of instructor

DESCRIPTION Directed work in special projects; field experience; internship. This course may include a Signature Experience component.

JAPN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Completion of at least two 3000-level Japanese courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Asian Studies majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

JAPN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

JST 3000 Introduction to Jewish Studies

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3710.) A survey of Jewish experience since Biblical times, with special attention to the modern period (c. 1680-1945) and contemporary period (1945-present). Students synthesize material drawn from numerous disciplines, including film, history, literature, philosophy, religious studies, sociology, and women's studies. The course is facilitated by a lead teacher, with regular guest lectures by faculty and experts from different fields. Topics vary with faculty.

JST 3500 Jewish Studies Internship

CREDIT HOURS 3.0

DESCRIPTION Faculty-supervised internship. Placement to be determined in consultation with student. Possibilities include a synagogue, school, museum, theater, anti-defamation organization, civil/human rights organization, charitable fund, nursing home, film or book festival, community center, or periodical. This course may include a Signature Experience component.

JOUR JOURNALISM

JOUR 1000 Introduction to Mass Communication

CREDIT HOURS 3.0

DESCRIPTION Processes, uses, and effects of mass media in society. History, structure, and function of mass communication industries.

JOUR 1010 Media Writing

CREDIT HOURS 3.0

PREREQUISITES JOUR 1000 (or concurrently) and ENGL 1102 or ENGL 1103 with grades of C or higher

DESCRIPTION Basic news writing in a variety of media; the principles of journalistic writing and the fundamentals and techniques of news reporting. Practical assignments with laboratory exercises.

JOUR 2500 Foundations of Media Research

CREDIT HOURS 3.0

PREREQUISITES JOUR 1000 with a grade of C or higher

DESCRIPTION Introduction to qualitative and quantitative research methods, including the use of library and on-line resources, with emphasis on the critical skills needed to evaluate and conduct media and journalism research.

JOUR 2700 Foundations of Media Theory

CREDIT HOURS 3.0

PREREQUISITES JOUR 1000 with grade of C or higher

COREQUISITES JOUR 2500

DESCRIPTION Examination of theoretical perspectives on mediated communication, including critical and social-scientific approaches.

JOUR 3010 Advanced Media Writing-CTW

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Expanding on Media Writing, with an emphasis on news gathering, reporting techniques and journalistic writing in several media and context. Students will apply critical thinking skills to determine source credibility; to delineate important information to use in crafting stories using journalistic standards; to report and write news stories quickly, under deadline, without sacrificing accuracy. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all journalism majors.

JOUR 3040 Communicating Environmental Issues

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Cross-listed with SPCH 3040. Critical and cultural approaches to analyzing environmental discourses and producing problem-solving environmental messages. Global environmental issues are studied via: advocacy campaigns, journalism green marketing, industry rhetoric, science and risk communication, media representations, and environmental and animal ethics.

JOUR 3060 Communication Law and Regulation

CREDIT HOURS 3.0

PREREQUISITES JOUR 2700 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. The law as applied to press, film, and telecommunication. A philosophical basis and evolution of legal precedent governing media. Slander, privacy, copyright, information access, constitutional issues, and practical limitations of libel.

JOUR 3070 Introduction to Theories of Mass Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION The development and application of theoretical perspectives on mediated communication, including critical and social-scientific approaches.

JOUR 3500 Public Relation Techniques

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Principles and practices in the relations of an organization with its internal and external publics, with emphasis on written communication; role of public relations in decision making and policy formation.

JOUR 3560 Public Relations Writing and Projects

CREDIT HOURS 3.0

PREREQUISITES JOUR 3500 with grades of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Projects for selected not-for-profit organizations using research, writing, planning, and evaluation techniques learned through individual and group exercises.

JOUR 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

JOUR 3700 Introduction to Telecommunication

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 and JOUR 3070 with grades of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Origin and growth of telecommunication industries; rudimentary technical aspects of audio and video; role of advertising and non-commercial aspects; programming and audience research and measurement.

JOUR 3900 Digital Journalism

CREDIT HOURS 3.0

PREREQUISITES JOUR 3010 and JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. This is a skills-based, project course. Working in teams, students will conceive, plan and execute multimedia news projects for online delivery. Emphasis is on developing professional journalistic and public relations practices applicable to multi-platform delivery systems.

JOUR 3934 Public Relations Practicum Prerequisite: Jour 3560 and permission of instructor

CREDIT HOURS 1.0 TO 4.0

DESCRIPTION Only students who have met the Journalism major Eligibility Requirements may enroll in this course without department approval. All 3000-4000 level Journalism courses require students to have a minimum GPA of 2.5 to JOUR Area F courses prior to enrollment. Practical application of public relations techniques including client relations, writing and campaign development. Clients can be on and off campus, and some travel may be required. There is no set class time, but students will have review meetings with the instructor.

JOUR 3950 Public Relations Research

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 and JOUR 3500 with grades of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Issues and methods of quantitative research used and reported by public relations professionals; analysis and criticism of research strategies; tactics to develop critical consumer skills for users and audiences. Credit Hours: 3.0.

JOUR 3955 Mass Communication Research

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Issues and methods of quantitative and qualitative research about mass communication; analysis and criticism of research strategies; tactics to develop critical consumer and research skills.

JOUR 4001 Sports Journalism

CREDIT HOURS 2.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. The role of sports in American culture and the ways sports journalists report and write the wide range of issues in the field. Practical instruction in covering high school and college sports as continually breaking news stories; interviewing athletes and coaches; covering and reporting games or matches; and developing and informed voice for opinion writing.

JOUR 4002 Lawmaking and Lobbying (State Government) Reporting

CREDIT HOURS 2.0

PREREQUISITES JOUR 3900 with a grade of C or better

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Journalism majors only. Reporting and producing stories about local government entities, e.g. city council, board of education, county commission, etc. Emphasis will be on the ?watchdog. role of journalists, access to records and Freedom of Information Act requests and how coverage of local government can be produced to engage the consumers of journalism about urban issues.

JOUR 4005 Local Government Reporting

CREDIT HOURS 2.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Journalism majors only. Reporting and producing stories about local government entities, e.g. city council, board of education, county commission, etc. Emphasis will be on the "watchdog" role of journalists, access to records and Freedom of Information Act requests and how coverage of local government can be produced to engage the consumers of journalism about urban issues.

JOUR 4030 Journalism Practicum

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES JOUR 3900; only students who have met the Journalism major eligibility requirements may enroll in this course without department approval

REQUIREMENTS All 3000-4000 level Journalism courses require students to have a minimum GPA of 2.5 to JOUR Area F courses prior to enrollment.

DESCRIPTION Practical application of audio/video recording and editing skills to produce broadcast quality video to be aired by Georgia Public Broadcasting or other media partners with the university. Students will select from a calendar of events on and off campus to record audio/video and to post-produce for GPB programming, and some travel may be required. There is no set class time, but students will have review meetings to discuss their recordings and/or post-production work.

JOUR 4040 History of the News Media-CTW

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Comparative study of the origins and development of news systems in relation to their historical, social, political, ethical and economic environments. This is one of the capstone courses for the Journalism major. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all journalism majors.

JOUR 4120 Feature Writing

CREDIT HOURS 3.0

PREREQUISITES JOUR 3010 and JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. In-depth reporting and writing techniques for the development of feature writers across communication industries. Human interest writing is stressed.

JOUR 4180 Editorial & Critical Writing

CREDIT HOURS 3.0

PREREQUISITES JOUR 3010 and JOUR 3060 with a grade C or higher; Only students who have met the Journalism Major eligibility requirements may enroll in this course without department approval

DESCRIPTION Analysis of editorials and persuasive writing; writing of editorials on national, state, and local issues. Analysis of leading critical periodicals; writing of criticism of films, television, books, plays, and other arts. This course is hybridized with both in-class and online learning components.

JOUR 4460 Health Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without departmental approval

DESCRIPTION Use theories of health communication and persuasion to critique, develop, and evaluate health communication campaigns, entertainment-education efforts, and health in the news and entertainment media. Explore the role that interpersonal communication, social media, and new technology have on health behaviors.

JOUR 4480 Political Campaigns

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grades of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as SPCH 4480.) (For journalism majors only.) Principles, theories, and practices of communication in political campaign contexts. Addresses national and/or international campaign issues.

JOUR 4500 Visual Communication

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as SPCH 4500.) (For journalism majors only.) Examination of communication theories that help explain how visual images symbolically interact with audiences. The manifest and latent persuasive functions of visual messages will be explored in a variety of contexts, from the mass media to human interaction.

JOUR 4510 Media and Politics

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as SPCH 4510.) (For journalism majors only.) Examination of the symbiotic relationship among the media, the political process, and the public. Emphasis on how media structures and conventions help identify and frame issues and provide interpretative frameworks for analyzing political messages.

JOUR 4540 Public Relations Campaigns

CREDIT HOURS 3.0

PREREQUISITES JOUR 3950 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Students examine research, case specific policy-making implementation, outcomes, and strategies and tactics of public relations.

JOUR 4590 African-American Popular Culture

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. (Same as AAS 4950.) (For journalism majors only.) Intellectual debates over the definitions and diversities of everyday African-American cultural production.

JOUR 4600 Readings in Journalism

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Readings and discussion of selected books and periodicals; reports, critiques, and lectures.

JOUR 4610 Applied Graphic Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Introduction to the principles and techniques of visual journalism with focus on writing, designing and producing a variety of printed collateral and web graphics for target audiences.

JOUR 4650 International Communication

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION (Same as MES 4600.) Critical and comparative approaches to the study of communication systems and journalism at the national, regional, and global levels. Analysis of issues and implications of the globalization of mass media, information systems, and culture. Strategies for international communication research.

JOUR 4660 Corporate Communication

CREDIT HOURS 3.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION Structures, functions, and outcomes of corporate communication policies and behaviors; corporate missions, business plans, and the design of strategic communication plans to accomplish goals in contexts of corporate cultures, target audiences, and environmental issues.

JOUR 4665 International Public Relations

CREDIT HOURS 3.0

PREREQUISITES JOUR 3500 with grade of C or better

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Modern trends in international public relations as practiced by corporations, non-profit organizations and governments in different countries and regions of the world.

JOUR 4710 TV News Magazine

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Reporting, writing, and producing stories appropriate for a TV news magazine program. This is a lecture/lab course using audio/video equipment.

JOUR 4720 Radio News

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Reporting, writing and producing stories and newscasts appropriate for radio stations, networks and their web sites. This is a lecture/lab course which has students using audio and editing equipment.

JOUR 4750 Special Projects in Telecommunication

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with grade of C or higher or consent of instructor

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Supervised experience in individual projects developed out of the student's professional interests and responsibilities. May be repeated for a maximum of six credits.

JOUR 4770 Media Management and Marketing

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 and JOUR 3070 with grades of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Planning, organizing, coordinating, controlling, and marketing media entities.

JOUR 4780 Women and Media

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher for Journalism majors

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Critical and analytical approaches applicable to the study of women in the media. Emphasis on research methods appropriate for analyzing mediated representations of women and the impact of those images on women in society.

JOUR 4800 Media, Ethics & Society-CTW

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Ethical, critical, theoretical and historical approaches to understanding mass media in contemporary society. This is one of two options for the senior capstone course for the Journalism major. It emphasizes critical thinking through research of ethical issues faced by past and present media professionals. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all journalism majors.

JOUR 4810 Media and Popular Culture

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 with grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Examination of mediated popular cultural forms from a variety of analytical perspectives as a way to understand social structures and everyday practices. Emphasis on dominant cultural and subcultural readings of artifacts produced by the media.

JOUR 4840 TV Newscast

CREDIT HOURS 3.0

PREREQUISITES JOUR 3900 with a C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Reporting, writing, and producing stories appropriate for a newscast on a TV station or a local cable TV channel.

JOUR 4870 Honors Thesis: Research

CREDIT HOURS 3.0

DESCRIPTION Prerequisties: Good standing with the Honors College and consent of instructor. Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

JOUR 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES JOUR 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

JOUR 4900 Selected Topics

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES JOUR 3060 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. May be repeated if topics vary. A maximum of eight credit hours may be applied to the major.

JOUR 4905 Special Topics

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES JOUR 3900 with a grade of C or higher

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. May be repeated if topic varies. A maximum of four credits can be applied to the major.

JOUR 4980 Internship

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES eligibility criteria may be obtained from the Department of Communication Internship Coordinator

DESCRIPTION Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval. Representative experiences in print and broadcast journalism or in public relations. This course may include a Signature Experience component.

JOUR 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

JOUR 4999 Directed Readings

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Only students who have met the Journalism Major Eligibility Requirements may enroll in this course without department approval

DESCRIPTION

KH 1010 Beginning Leisure Life Skills

CREDIT HOURS 2.0

DESCRIPTION This course is designed to provide students a beginning level competency in individual or recreational sports and dance. This course is nonacademic and is not used in grade-point average computation even though a grade is assigned for the course. (Repeatable).

KH 1011 Beginning Leisure Life Skills: Ballet

CREDIT HOURS 2.0

DESCRIPTION This course is designed to provide students a beginning level competency in individual or recreational sports and dance. This course is nonacademic and is not used in grade-point average computation even though a grade is assigned for the course.

KH 1013 Beginning Leisure Life Skills: Jazz Dance

CREDIT HOURS 2.0

DESCRIPTION This course is designed to provide students a beginning level competency in individual or recreational sports and dance. This course is nonacademic and is not used in grade-point average computation even though a grade is assigned for the course.

KH 1014 Beginning Leisure Life Skills: Modern Dance

CREDIT HOURS 2.0

DESCRIPTION This course is designed to provide students a beginning level competency in individual or recreational sports and dance. This course is nonacademic and is not used in grade-point average computation even though a grade is assigned for the course.

KH 1017 Beginning Leisure Life Skills: Tennis

CREDIT HOURS 2.0

DESCRIPTION This course is designed to provide students a beginning level competency in individual or recreational sports and dance. This course is nonacademic and is not used in grade-point average computation even though a grade is assigned for the course.

KH 2130 Introduction to the Allied Fields of Health, Physical Education, and Fitness

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to the allied professional fields within health, physical education, and fitness. Topics include the history, social forces, and current trends that shape contemporary health, physical education, and fitness programs in P-12 schools, businesses, community agencies, and exercise/fitness facilities.

KH 2220 Anatomy in Kinesiology and Health

CREDIT HOURS 3.0

REQUIREMENTS KH 2220 may only be attempted twice

DESCRIPTION A minimum grade of "C" is required for this course. KH 2220 is the prerequisite for KH 3500, KH 3550, KH 4280, KH 4290, KH 4300, KH 4350, KH 4360, KH 4600, KH 4630. The performance (sport, dance, daily living skills) applications and functions of musculoskeletal anatomy in the human being are studied.

KH 2230 Physiology in Kinesiology and Health

CREDIT HOURS 3.0

REQUIREMENTS Continuation of KH 2220

DESCRIPTION KH 2230 may only be attempted twice. A minimum grade of "C" is required for this course. KH 2230 is the prerequisite for KH 3500, KH 3550, KH 4280, KH 4290, KH 4300, KH 4350, KH 4360, KH 4600, KH 4630. This course presents introductory concepts concerning the responses of various physiological systems to acute and chronic exercise and physical activity. Lecture information includes differences between children, adolescents, and adults.

KH 2360 Childhood Health and Wellness

CREDIT HOURS 3.0

DESCRIPTION This course introduces theory, practices, and requirements for establishing and maintaining a safe, healthy learning environment. The course provides training in Infant/Child CPR and first aid along with an overview of chronic and acute health issues; emergency procedures; safety issues; transportation guidelines; detecting and reporting child abuse and neglect; and nutritional and feeding needs of children.

KH 2520 Principles of Physical Activity and Fitness

CREDIT HOURS 2.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION The fundamental principles of physical activity, physical fitness, and exercise. Content includes health benefits of physical activity and fitness, guidelines for physical activity and components of physical fitness such as cardiovascular/aerobic, muscular strength and endurance, flexibility, and body composition. Emphasis is placed on implementation of principles by student participation in physical activities, incorporation into a personal fitness plan, and development of individual and group fitness leadership skills.

KH 3000 Personal Health and Wellness

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Introduces students to contemporary health topics and issues. Students examine health risk and protective factors which influence the individual's achievement of optimal health across the life span.

KH 3010 (TE) Performance and Analysis Area I: Skill Themes and Movement Concepts

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students develop knowledge and skill in designing and implementing movement and rhythmical activities for P-5 curriculums. Emphasis is placed on the ability to analyze and instruct the associated movement skills.

KH 3020 Performance and Analysis Area II: Fitness and Physical Activity for P-12

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students develop knowledge and skills in lifetime fitness activities such as aerobics, jogging, walking, weight training, muscle toning, and general conditioning. Emphasis is placed on developing an understanding of the health and fitness benefits provided through participation in these activities.

KH 3030 Performance and Analysis Area III: Team Sports

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students develop knowledge and skills in various team sports (e.g., soccer, volleyball, softball, flag football, basketball) offered in P-12 school curriculums. Emphasis is placed on developing performance skills, as well as developing the ability to analyze and teach the associated movement skills.

KH 3040 Performance and Analysis Area IV: Lifetime Sports

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students develop knowledge and skills in various lifetime individual and dual sports (e.g., tennis, badminton, golf, bowling, archery, racquetball) offered in P-12 school curriculums. Emphasis is placed on producing competent performers, as well as developing the ability to analyze and teach the associated movement skills.

KH 3060 Performance and Analysis in Disability Sport

CREDIT HOURS 3.0

DESCRIPTION Students will participate first hand in games and activities derived from the field of disability sport. Specifically, students will learn the fundamental skills, rules, and strategies ncessary to play, coach, and develop programs for individuals with disabilities in some of the following sports: wheelchair basketball, wheelchair tennis, wheelchair rugby, goalball, and boccia.

KH 3150 Healthy Lifestyle Choices

CREDIT HOURS 3.0

DESCRIPTION This course is designed to help students understand their responsibility for their health. The themes of the course include personal decision-making and physical activity. Self-assessment inventories are used to involve students in any health issues and provide a means for applying health information in personal decision-making. The goal of this course is to explore major personal health topics and to apply them in order to achieve, maintain, and promote high-level health.

KH 3200 Instructional Skills for Health and Physical Education, P-12

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES Admitted to Teacher Education; Permission of the HPE faculty; KH 3010 with a grade of C or higher; KH 3250 with a grade of C+ or higher; and KH 3420 with a grade of C+ or higher

COREQUISITES KH 3410

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Introduces effective classroom management, teaching skills, and instructional models for health and physical education in grades P-12. Field experiences are included in selected P-12 classrooms.

KH 3250 Teaching Comprehensive School Health Eduction

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES KH 3420

REQUIREMENTS A grade of "C+" or better is required for this course

DESCRIPTION At the completion of this course, the student is able to integrate six health content areas into five health education teaching models; create a score and sequence determined by results of a student interest survey and based on national and state standards; write age/stage appropriate health lessons which incorporate a rationale statement and the seven components of a health lesson plan; and demonstrate effective classroom management and individual/small group teaching skills assessed by peers/instructor.

KH 3360 Disability, Sport, and Physical Activity

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students examine the structure, function, and outcome of the disability sport movement in the United States and internationally, considering its impact on opportunities, current trends, behaviors, and attitudes towards persons with a disability. Students experience opportunities to work directly with athletes with disabilities and learn firsthand how to play selected disability sports.

KH 3390 Advanced First Aid and Emergency Care

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Red Cross certification is contingent upon a grade of "B" or higher and attendance record. Students develop a working knowledge of first aid methods and techniques and accident prevention.

KH 3410 Assessment in Health and Physical Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education; Permission of the HPE faculty; KH 3250 with a grade of C+ or higher; and KH 3420 with a grade of C+ or higher

COREQUISITES KH 3200

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Traditional and authentic assessment methods currently in use in health, physical education, and adapted physical education settings are studied, including the organization, administration, and interpretation of those assessments. Students also examine various standards and learn how to develop assessments for them.

KH 3420 Curriculum in Health and Physical Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES KH 3250

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Students examine contemporary curriculum models, theory, and standards for adapted, elementary, and secondary physical education, and for health education. Students learn how to develop a curriculum for a K-12 program. This course has been identified as a "Critical Thinking Through Writing (CTW)" course by the Department of Kinesiology and Health (KH).

KH 3500 Athletic Training and Conditioning

CREDIT HOURS 4.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students obtain an overview of the physiological, psychological, and biomechanical principles as they apply to sports performance.

KH 3550 Evaluation and Instrumentation in Exercise Science

CREDIT HOURS 3.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Surveys and written and physical tests employed in physical education are studied. Introductory statistics and the development of skills in organizing, administering, and interpreting test scores are also objectives of the course.

KH 3600 Biomechanics

CREDIT HOURS 3.0

PREREQUISITES KH 2220 with a grade of "C" or higher and MATH 1111, or MATH 1112 or MATH 1113 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION The principles which influence human motion are examined. Emphasis is placed on developing the ability to analyze human motion with the goal of optimizing human movement performance.

KH 3610 Motor Learning and Development

CREDIT HOURS 3.0

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students gain knowledge of motor learning and development principles. Topics include the processes of skilled motor performance and motor skill acquisition, human motor development from childhood through older adulthood, the influence of perceptual, cognitive, physiological, and social development on motor development. Emphasis is on the practical application of concepts to the teaching of motor skills.

KH 3630 American Sport Education Program (ASEP) Coaching Principles

CREDIT HOURS 3.0

DESCRIPTION This course will provide students with the foundation to become successful sport coaches. Through activities, videos, and discussions, students will develop a coaching philosophy, learn strategies to motivate athletes, teach techniques and tactics, develop training programs, plan for a season and individual workouts, and manage a team and relationships with all of the people with whom you work as a coach. This course is a component of the National Federation of State High School Association Coaches Education Program. Completion of the ASEP national coaching certification exam is a course requirement.

KH 3635 Special Considerations for Coaching Athletes with Disabilities

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the functional abilities of persons with a disability and the implications of impairment for coaching athletes with disabilities. Students will learn about reasonable accommodations in equipment, training, communication or rules to enable sport participation of athletes with disabilities. An understanding of classification also will facilitate coaching and athlete performance.

KH 3650 Physiology of Exercise-CTW

CREDIT HOURS 4.0

PREREQUISITES KH 2230 with a grade of "C" or higher or consent of instructor

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Focuses on alterations in body systems and organs during physical activity with emphasis on metabolic, cardio respiratory, and body composition parameters. Laboratory experiences employing physiological principles during active participation in exercise are also included. This is a "Critical Thinking Through Writing" (CTW) course.

KH 3680 International Experience in Sport and Exercise Science

CREDIT HOURS 3.0

DESCRIPTION This course is designed for undergraduate students to gain an international perspective on sport and exercise science. Students will learn to apply knowledge in sport and exercise science and gain field experience through a study-abroad program. Topics will include principles in sports biomechanics, materials in sports equipment, and research methods in exercise science. Global Perspectives Course. This course may include a Signature Experience component.

KH 3700 (TE) Sexuality Education for P-12-CTW

CREDIT HOURS 3.0

PREREQUISITES KH 3250 with a grade of C+ or higher

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION The course is required for all HPE majors. With permission from the course instructor, students outside of the KH Department and outside of the College of Education can select this course as an elective. This course has been identified as a "Critical Thinking Through Writing (CTW)" course by the Department of Kinesiology and Health (KH). CTW assignments compose 45% of course assignments and include a structured academic controversy and two reflections. Students participate in class discussion, skill training, and skill applications which incorporate current national and state standards for school-based sexuality education. Particular emphasis is given to reaching special needs students. Class discussions and skill training include interactions with practicing teachers, parents, adolescents, content experts, and representatives of related community organizations. Skill application includes target group surveys; an in-class structured academic controversy, personal reflections, and a cognitive exam.

KH 3760 Special Topics in Kinesiology and Health

CREDIT HOURS 3.0

DESCRIPTION This elective course enables the program to address the very latest issues in kinesiology and health.

KH 4200 Analysis of Sport Coaching

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the professional role that sport coaches play in today's society. Students will learn best practices in long-term coach development as well as the nature of coaching expertise and various models of successful coaching. Current research and suggestions for new paths of study will be discussed.

KH 4210 Long Term Athlete Development

CREDIT HOURS 3.0

DESCRIPTION This course will introduce students to the Canadian Sport For Life (CS4L) Long-Term Athlete Development (LTAD) Model. Through readings, activities, projects and class discussions students will develop an applicable understanding of the seven foundational stages of the LTAD model as well as the two disability specific stages that guide the training, competition and recovery experience of an individual's experience in physical activity and sport from infancy through adulthood.

KH 4280 Psychology of Physical Activity

CREDIT HOURS 3.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION The psychological principles underlying the teaching and performance of sport and physical activity are analyzed.

KH 4290 Cardiopulmonary Physiology

CREDIT HOURS 3.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students study in detail the anatomy and physiology of the cardiovascular and pulmonary systems. Students also examine possible complications within these systems and related pharmacology.

KH 4300 Neuromuscular Physiology and Plasticity

CREDIT HOURS 3.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 3650 with a grade of "C" or higher

DESCRIPTION This course is a detailed study of the structure and function of the neuromuscular and skeletal systems. In addition, students learn the physiology of movement and fatigue, and neuromuscular adaptations to strength and endurance training, disuse, injury, and aging. Finally, students learn the etiology and functional consequence of numerous neuromuscular diseases, e.g. muscular dystrophy, central core disease, malignant hyperthermia, myasthenia gravis, multiple sclerosis, and amyotrophic lateral sclerosis.

KH 4350 Fitness Program Management-CTW

CREDIT HOURS 3.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Discusses principles of fitness and health promotion program operation including cost/benefit and cost/effectiveness, program objectives, content, promotion and implementation, financial and personnel management, and facility planning and design. This is a "Critical Thinking Through Writing" (CTW) course.

KH 4360 Clinical Exercise Physiology

CREDIT HOURS 4.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION This course is a detailed study of physical activity for the exercise specialist, technologist, or technician who is responsible for the safe administration of graded exercise tests and the development of an exercise prescription for apparently healthy human subjects, patients with controlled disease, and patients with known disease including cardiovascular disease, pulmonary disease, diabetes, obesity, and other chronic illnesses.

KH 4510 Contemporary Instructional Models for Pre-K and Elementary Physical Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education; Permission of the HPE faculty; KH 3200 with a grade of C+ or higher; and KH 3410 with a grade of C+ or higher

COREQUISITES KH 4520, KH 4530, and KH 4540

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Acquisition and practice of contemporary instructional models for preschool and elementary physical education are studied. Includes peer and field-based teaching experiences.

KH 4520 Contemporary Instructional Models for Secondary Physical Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education; Permission of the HPE faculty; KH 3200 with a grade of C+ or higher; and KH 3410 with a grade of C+ or higher

COREQUISITES KH 4510, KH 4530, and KH 4540

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Acquisition and practice of contemporary instructional models for secondary physical education are discussed. Includes peer and field-based practice teaching experiences.

KH 4530 Contemporary Instructional Models for Health Education

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES Admitted to Teacher Education; Permission of the HPE faculty; KH 3200 with a grade of C+ or higher; and KH 3410 with a grade of C+ or higher

COREQUISITES KH 4510, KH 4520, and KH 4540

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Focuses on acquisition and practice of contemporary comprehensive school health education instructional strategies. Includes field-based practice teaching experiences, peer coaching during lesson plan development, and peer critiquing of field-based teaching videos.

KH 4540 Contemporary Instructional Models for Adapted Physical Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education; Permission of the HPE faculty; KH 3200 with a grade of C+ or higher; and KH 3410 with a grade of C+ or higher

COREQUISITES KH 4510, KH 4520, and KH 4530

REQUIREMENTS A minimum grade of "C+" is required for this course

DESCRIPTION Acquisition and practice of contemporary instructional models for adapted physical education are studied. Includes peer and field-based practice teaching experiences.

KH 4600 Advanced Biomechanics for Exercise Science

CREDIT HOURS 3.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 3600 with a grade of "C" or higher

DESCRIPTION The primary goal of this course is to integrate advanced concepts and relevant scientific information to provide for understanding of biomechanics as it relates to exercise, physical training, and rehabilitation. Within the framework of exercise science, this course provides the student with knowledge that will allow for the assessment of human motion for the purposes of identifying critical factors of performance and injury including persons with a disability.

KH 4630 Fitness Assessment and Exercise Prescription

CREDIT HOURS 4.0

PREREQUISITES Completed the Undergraduate Core Curriculum; Completed KH 2220 with a grade of "C" or higher; Completed KH 2230 with a grade of "C" or higher; Earned 2.5 GPA in KH 2220 and KH 2230; Completed KH 2520 with a grade of "C" or higher; Completed KH 3650 with a grade of "C" or higher

REQUIREMENTS A minimum grade of "C" is required for this course

DESCRIPTION Students study the process and procedures of physical fitness evaluation and prescription. Emphasis is placed on the design of individual and group exercise programs.

KH 4650 Opening School Experience

CREDIT HOURS 0.0

PREREQUISITES Admitted to Teacher Education; current tort liability protection; and permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this experience. Student teachers complete a 10-day internship in one of the placement schools during the clinical teacher's pre-planning and first week of instruction. This course may include a Signature Experience component.

KH 4710 Student Teaching in Health and Physical Education, P-5

CREDIT HOURS 6.0

PREREQUISITES Admitted to Teacher Education; Permission of HPE faculty;completion of all Area G courses with minimum required grades; first aid/CPR proficiency; and current proof of tort liability protection

REQUIREMENTS A minimum grade of "B" is required for recommendation for certification

DESCRIPTION Students observe, assist in, and instruct public school P-5 classes in health and physical education under the direct supervision of a clinical teacher. Includes seminars scheduled by the instructor. This course may include a Signature Experience component.

KH 4720 Student Teaching in Health and Physical Education, 6-12

CREDIT HOURS 6.0

PREREQUISITES Admitted to Teacher Education; Permission of HPE faculty; completion of all Area G courses with minimum required grades; first aid/CPR proficiency; and current proof of tort liability protection

REQUIREMENTS A minimum grade of "B" is required for recommendation for certification

DESCRIPTION Students observe, assist in, and instruct public school 6-12 classes in health and physical education under the direct supervision of a clinical teacher. Includes seminars scheduled by the instructor. This course may include a Signature Experience component.

KH 4750 Practicum in Exercise Science

CREDIT HOURS 1.0

PREREQUISITES completion of all course work and permission of instructor

REQUIREMENTS Students must pass a standardized exit exam to complete this requirement

DESCRIPTION Course is graded as satisfactory/unsatisfactory. A minimum grade of "S" is required. This course may include a Signature Experience component.

KH 4760 Internship in Exercise Science

CREDIT HOURS 5.0

PREREQUISITES completion of all course work and permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students receive practical experiences in planning, organizing, assessing, and implementing exercise science programs in various settings. Internship may extend beyond one term. This would require that students complete 375 hours of internship activities. This course may include a Signature Experience component.

KH 4800 Research Fellowship in Exercise Science

CREDIT HOURS 1.0 TO 5.0

PREREQUISITES completion of all course work and permission of instructor

REQUIREMENTS Course is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Students receive training in research methods applicable to a research plan, analyze data and create written and oral presentations of the results. At the end of the course, students may take part in a formal research symposium. This would require that students complete 375 hours of research activities. Students are required to successfully complete a minimum of 5 credit hours that may extend beyond one semester. This course may include a Signature Experience component. (Repeatable).

KH 4810 Directed Readings and Research in Kinesiology and Health

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES permission of instructor

REQUIREMENTS Directed reading is graded as satisfactory/unsatisfactory

DESCRIPTION A minimum grade of "S" is required for this course. Focuses on individual reading on special topics in health, physical education, recreation, or exercise science. Research may go beyond one term. (Repeatable).

KORE KOREAN

KORE 1001 Elementary Korean I

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in modern spoken Korean. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Korean.

KORE 1002 Elementary Korean II

CREDIT HOURS 3.0

PREREQUISITES KORE 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic communication skills in modern spoken Korean. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Korean.

KORE 2001 Intermediate Korean I

CREDIT HOURS 3.0

PREREQUISITES KORE 1002 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of communicative skills in Korean. Further work with the writing system; reading of simple texts; and intermediate grammatical structures.

KORE 2002 Intermediate Korean II

CREDIT HOURS 3.0

PREREQUISITES KORE 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of communicative skills in Korean. Further work with the writing system; reading of simple texts; and intermediate grammatical structures.

KORE 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

EDLA LANGUAGE ARTS EDUCATION

EDLA 3200 Topics in Middle Grades Language Arts

CREDIT HOURS 3.0

DESCRIPTION Develops selected topics related to the texts used in middle grades language arts including contemporary children's literature, adolescent literature, nonfiction trade books, and multimedia programs. (Repeatable).

EDLA 3230 Special Topics in the Middle Level Literature Curriculum

CREDIT HOURS 3.0

DESCRIPTION Students explore the content and pedagogy related to selected literature topics in the middle school language arts curriculum. May be repeated for credit when topics change. (Repeatable).

EDLA 3240 Special Topics in the Middle Level Composition Curriculum

CREDIT HOURS 3.0

DESCRIPTION Students explore the content and pedagogy related to selected compositions topics in the middle school language arts curriculum. May be repeated for credit when topics change. (Repeatable).

EDLA 4400 Concepts and Methods in Language Arts for Middle Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDMT 4460, EDSC 4470, EDSS 4480, and EDCI 4600

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school instruction in language arts. Procedures for planning, implementing, and reflecting on language arts instruction are learned in a school setting.

LATN LATIN

LATN 1001 Elementary Latin I

CREDIT HOURS 3.0

DESCRIPTION Grammar, composition, and prose translation.

LATN 1002 Elementary Latin II

CREDIT HOURS 3.0

PREREQUISITES LATN 1001 with grade of C or higher, or equivalent

DESCRIPTION Grammar, composition, and prose translation.

LATN 2001 Intermediate Latin

CREDIT HOURS 3.0

PREREQUISITES LATN 1002 with grade of C or higher, or equivalent

DESCRIPTION Completion of grammar; composition and reading from prose authors.

LATN 2002 Latin Prose

CREDIT HOURS 3.0

PREREQUISITES LATN 2001 with grade of C or higher, or equivalent

DESCRIPTION Reading of selected works of Cicero and/or Livy.

LATN 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor and Honors Program director

DESCRIPTION Discussion and readings on selected topics.

LATN 4001 Vergil's Aeneid

CREDIT HOURS 3.0

PREREQUISITES LATN 2002 with grade of C or higher, or equivalent

DESCRIPTION Reading and interpretation of passages from Books I-XII of the Aeneid.

LATN 4011 Roman Comedy

CREDIT HOURS 3.0

DESCRIPTION Roman comedy as exemplified in the plays of Plautus and Terence.

LATN 4035 Vergil's Early Poetry

CREDIT HOURS 3.0

DESCRIPTION Bucolics and Georgics: the pastoral in its relation to the Augustan Age.

LATN 4070 Seminar in Latin Prose and Poetry

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Author and genre studies of Latin literature. May be repeated for credit when the topic varies.

LATN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES consent of the instructor and Honors Program director

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

LATN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES LATN 4870, consent of the instructor and Honors Program director

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

LATN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Completion of at least two 3000-level Latin courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Classics majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

LATN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

LT LEARNING TECHNOLOGIES

LT 2010 Computer Skills for the Information Age

CREDIT HOURS 3.0

DESCRIPTION Students learn how to use the computer as a tool for effective organization, analysis, and communication of data. Students develop competence in word processing, spreadsheets, databases, presentations, simple web page design, and the efficient use of internet sources.

LT 2012 Design and Development of Digital Multimedia

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION This course is designed to guide you through the basics of designing and developing digital multimedia. After completing the course, you should be able to: Make sound and informed decisions about the selection, design, and development of digital multimedia; demonstrate basic/intermediate digital multimedia authoring skills; demonstrate an entry-level proficiency in designing, developing, and maintaining a personal Web presence; work in a team doing rapid design of digital multimedia.

LT 2100 Information Technology Research and Application

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION The course gives students a thorough grounding in the application of information literacy (the ability to find and use information) to the modern world. Students learn how to access, evaluate, use, and disseminate information intellectually in an information-rich environment.

LT 2210 Integrating Technology Into the Elementary Classroom

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the creation of a learning environment through the use of technology in the elementary classroom. It enables students to anchor the use of technology for the creation of a child-centered, safe and developmentally stimulating learning environment. The course introduces the preservice teacher to resource-based teaching through the use of educational technology and its appropriate uses in the classroom. It focuses on developing research skills by designing, planning, and producing basic educational materials using technological hardware and software. The process of selecting and utilizing technological resources for pre-kindergarten through 5th grade classrooms are emphasized.

LT 3000 Technology, Society, and Education

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION This course will examine new and emerging technologies, how they have impacted education and society, and how they are likely to impact them in the future. The course will prepare students to think critically and creatively about the technologies shaping their studies today, and their lives to come. In addition, the course will explore a wide variety of current technologies both as a topic of study, and as a content delivery mechanism. The course will be delivered as a blend of face-to-face and online instruction. Approximately half of the class meetings will take place in a traditional (albeit heavily technology augmented) classroom and the other half will take place in a variety of online learning environments (including, Second Life, elluminate, Facebook, and others).

LT 3100 Educational Technology in Africa and the Diaspora

CREDIT HOURS 3.0

DESCRIPTION This is a completely online course that explores trends and issues in educational technology in Africa and the Diaspora, and to help students help themselves on the road to becoming more efficient and more confident in educational technology. This course examines cultural, economic, political, and social structures and discourses as they relate to instructional design and technology in Africa and the Diaspora. Learning and instruction include lectures (facilitation) in-class and online discussions and activities, group activities, course readings, assignments and projects, and individual research, and reflections. Discussions of socio-cultural issues often evoke personal views. However, the purpose of the course is recognize/understand/appreciate the issues under discussion, and protocol is in place to ensure that everyone gets a fair opportunity to contribute. Global Perspectives Course.

LT 3210 Teaching, Learning, and Technology Integration

CREDIT HOURS 3.0

DESCRIPTION Introduces students to resource-based teaching through the use of educational technology and its appropriate uses in the classroom. Focuses on developing research skills by designing, planning, and producing basic educational materials using technological hardware and software. The processes of selecting and utilizing technological resources for the P-12 educational environment are emphasized.

LT 3500 Training and Performance Technologies

CREDIT HOURS 3.0

DESCRIPTION This course focuses on the design and development of training and performance technologies. It provides students with knowledge, skills, and abilities to design and develop training and performance solutions for adult learners based upon state of the art learning theories and technological advancements.

LT 4500 Gaming and Simulation for Exploratory Learning

CREDIT HOURS 3.0

PREREQUISITES LT 2010 or equivalent

DESCRIPTION This course explores the world of gaming and simulation for learning and instruction. Students will analyze existing games to determine how they affect motivation and how they teach their players. They will then design and develop an instructional board game and an instructional video game. No programming experience is necessary, however, students must be competent in basic software use (i.e. the Microsoft Office Suite) and basic Internet use.

LGLS 3020 Introduction to the Law

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course is an introduction to the law, a multifaceted and broad discipline which affects and is affected by every aspect of our society. The course provides an overview of the legal system, sources of law, and legal analytical models. In addition, the course covers specific applications of law from the environment to business to personal relationships. Legal case analysis and legal research are components of the class.

LGLS 4030 The Legal Process

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or LGLS 3020 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 6

DESCRIPTION Students will study the legal process and the primary actors in that process: lawyers, judges, and clients. The course will utilize a variety of resources and learning techniques, including propular fiction and non-fiction books and movies as well as guest speakers and extensive class discussion. The course will be on particular benefit to current and future businesspeople who want to be better able to manage their businesses' inevitable encounters with the law and lawyers. This benefit will flow from students gaining a better understanding of the legal process, the role of the primary actors in the process, how they think and act, and why.

LGLS 4050 Legal Transactions and Risk

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION This course examines legal transactions in the corporate environment (from the formation of contracts and sales agreements to the use of commercial paper, secured transactions, bankruptcy, and insurance) to create legal certainty, strategically manage corporate risk, and comply with the increased internal controls imposed by the Sarbanes-Oxley Act of 2002.

LGLS 4060 Internet Law

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or LGLS 3020 (not both), or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6,7

DESCRIPTION This course examines how the U.S. legal system is evolving to accomodate the Internet's impact on business practices, society and values. The course covers a wide range of Internet-related legal issues including technology and the law, court jurisdiction over Interent-related business activities, intellectual property, e-commerce, taxation of Internet sales, privacy in cyberspace, on-line defamation, information security, cyber-crimes, and government regulation of Internet services. Emphasis is placed on developing legal doctrines and their application to Internet-based business activities.

LGLS 4080 Legal Issues in International Business

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course addresses the business and legal issues of international trade and private commercial transactions and associated concerns. The course covers all types of international business transactions: import/export, distributorships, technology transfers, and foreign direct investment. The course also addresses the international regulation of trade and international dispute resolution. Students will learn practical strategies for negotiating international contracts, working with overseas agents and partners, protecting intellectual property rights, and managing cross-cultural, commercial, political, and other concerns in international transactions.

LGLS 4389 Directed Readings in Legal Studies

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES BUSA 2106, consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

LGLS 4490 Real Estate Law

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is designed to provide the business student with a background in the nature, sources, and basic principles of modern real estate law. Topics include real property law, sales transaction contracts, general agency law, deeds and titles, methods of transferring title to real estate, mortgages, liens, land use control, landlord/tenant relationships, and legal analysis through traditional and electronic databases.

MGS 3100 Business Analysis

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106 and MATH 1111 or higher

COREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION This course provides a frame of reference for using models in support of decision making in an enterprise, then introduces some of the most commonly useful modeling approaches and principles. Topics covered include model components, simulation, optimization, time series and causal forecasting, decision analysis, Monte Carlo simulation, and quality management. The course emphasizes hands-on application of the techniques using commonly available software, and demonstrates the value of these approaches in a wide variety of functional settings.

MGS 3400 Managing People in Organizations

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106

COREQUISITES BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course provides an overview of management in organizations. Students will be introduced to fundamental organizational concepts such as organizational systems, organization design and structure, and the decision-making process. In addition, students will be introduced to the study of human behavior in organizations. The organizational behavior topics emphasized include team building, communication, leadership, motivation, ethics and social responsibility. The focus of the course is to examine, from a managerial perspective, the effect of individual, group, and organizational variables on organizational performance.

MGS 4000 Managerial Decision Making

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, and MGS 3100, and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course focuses on how managers, individually and in groups, make decisions. It covers the major descriptive and normative models of managerial problem diagnosis and alter- native generation. By comprehending how managers solve problems, students are prepared to build computer-based support tools. Cases and mini-examples are used to apply the concepts and methods to real-world problems.

MGS 4020 Introduction to Business Intelligence

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6

DESCRIPTION This course focuses on the features, uses, and design strategies for IT-enabled managerial decision support. Model-based, and knowledge-based application for business intelligence and corporate decision-making are emphasized. Implementation issues in the context of emerging business environments are also addressed. Application areas include financial analysis, marketing research, and project management.

MGS 4110 Analysis of Business Data

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6

DESCRIPTION The aim of this course is to provide the student with the background to run a statistical project from the data collection stage through analysis and interpretation of the results. The course is divided into three major parts. The first part of the course discusses data collection methods including the various common sampling designs and questionnaire development. In the second part, students are introduced to the high-level statistical package SAS to provide them with the power to perform data analysis. In the third part, the students will use the procedures from SAS to analyze and interpret the data.

MGS 4120 Optimal Resource Allocation-CTW

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 3, 4, 7

DESCRIPTION This course focuses on optimization modeling and sensitivity analysis to help managers craft well-formed, well-justified decisions. Students design optimization models for realistic cases, implement them using spreadsheets, and write the results in the form of a nontechnical recommendation to management backed up by clearly organized technical appendices.

MGS 4140 Business Modeling

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 6

DESCRIPTION This course covers the development, implementation, and utilization of business models for managerial decision-making. Various techniques for analytical modeling, such as forecasting, optimization, simulation, decision analysis, and classification, are discussed. Students gain mastery in developing complex financial models implemented in decision support systems that covers applications in stra- tegic, planning, financial management, operations/project management, and marketing research. These topics are cover- ed in the context of the emerging information technology architecture.

MGS 4300 Managing Human Resources

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides a survey of the field of human resource management. Topics covered include strategic human resource management, recruitment, selection, legal basis of human resource management, performance evaluation, training and development, compensation, and labor relations.

MGS 4320 Legal Environment of Human Resource Management-CTW

CREDIT HOURS 3.0

PREREQUISITES MGS 4300 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course satisfies critical thinking through writing requirements. This course examines the legal environment that directly impacts the human resource functions of organizations. Federal, state, and local legislation and important court and administrative decisions are highlighted, especially recent developments, for their impact upon managerial decision making.

MGS 4360 Human Resource Selection

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION rerequisite: MGS 3400. This course focuses on the selection process in organizations. Topics covered include job analysis, measurement, equal employment opportunity laws, applications, interviews, psychological tests, and performance appraisal. Theory and research underlying selection principles are reviewed, and practical application is emphasized.

MGS 4385 Employee Benefit Plans (Same as RMI 4530)

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course examines the characteristics and design of employee benefit plans, including group insurance, pensions, and profit sharing. These plans are evaluated in terms of their cost and effectiveness. Consideration is given to employee communications, taxation, collective bargaining, social insurance systems, and international benefit programs.

MGS 4389 Directed Reading in Managerial Science

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES MGS 3400 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

MGS 4390 Compensation

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Compensation plans are designed and implemented to provide fair renumeration for services received. This course discusses the major environmental influences on compensation practices and shows how those influences as well as organizational and employee influences are translated into the development of equitable pay systems within organizations. The course also examines how the external environment affects the types of benefits employers choose to provide for their employees.

MGS 4395 HRM Field Study

CREDIT HOURS 3.0

PREREQUISITES MGS 3400, and MGS 4300, and either MGS 4360 or MGS 4390, plus consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course allows students nearing completion of their undergraduate program in human resources the opportunity to work with other students to complete a management consulting project assigned by a local corporation. Students apply skills learned in previous courses and expand their knowledge of concepts and practices in the field by working with business sponsors and local practitioners. Students make written and oral reports to management on assigned research findings and recommendations for action. This course may include a Signature Experience component.

MGS 4420 Becoming a Leader

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Students critically evaluate the definition and meaning of leadership, developing their own interpretations and definitions of leadership after learning how others have interpreted and defined it. They also analyze their own leadership strengths and limitations and engage in activities to improve their leadership skills.

MGS 4430 Negotiation

CREDIT HOURS 3.0

PREREQUISITES MGS 3400 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course is designed to help students become better negotiators by understanding and practicing the negotiation strategies and tactics appropriate for different situations. The course focuses primarily on negotiation planning, distributive negotiation, and integrative negotiation. The course is a general treatment of negotiation that is useful to students from a broad range of majors.

MGS 4440 Working in Teams

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides a structured approach to better understand how teamwork contributes to organizations, the conditions that make interactions between people and groups highly effective, and how to best put this effectiveness to work. Topics include work teams as a vehicle to improving organizational performance, designing a team-based organization, team organizational models, work team implementation issues, training and developing teams, team building programs, and leadership in a team-based organization.

MGS 4470 Organizational Communication

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides an understanding of the importance of communication within organizations and knowledge of the nature of the communications process. It promotes the ability to analyze and deal with communications potentials and problems as part of the organizing process.

MGS 4500 Entrepreneurship and New Venture Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3400, and FI 3300, and MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION The purpose of this course is to acquaint the student with the personal qualities of successful entrepreneurs, to provide the student with information required in order to establish a new business venture, and to present the unique management problems which face entrepreneurs in starting and operating new ventures. Student teams research an entrepreneur in the community and write a case study on that entrepreneur and their business.

MGS 4550 Managing a Family Business-CTW

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course satisfies critical thinking through writing requirements. Management principles and practices are examined within the context of a family-owned business. The class has two distinct purposes: to increase the students' understanding and effectiveness as members of family firms and to heighten self-awareness regarding roles and career opportunities within family firms.

MGS 4560 Small Business Management-CTW

CREDIT HOURS 3.0

PREREQUISITES FI 3300, and MGS 3400, and MK 3010 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course provides students with an opportunity to learn how to manage a newly organized or acquired small business. The course begins with the start- up phase of the business, and students are shown how to develop the business and make a profit. The mission, objectives, goals, and strategies are set for an actual small business. Staffing decisions, from hiring operative employees to the board of directors, are made. Major emphasis is placed on the design, integration, and operation of the production, marketing, and finance. The course is thee second designated Critical Thinking through Writing (CTW) course for Entrepreneurship students pursing a BBA degree in MGS.

MGS 4590 Entrepreneurship Field Study

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Entrepreneurship field study immerses students in the planning and execution of entrepreneurial activities in a small existing or start- up business. Activities involve new business formation, new product planning and introduction, organization direction setting and control, management of growth, or turnaround. While students are under the general supervision of the faculty, they are expected to display responsible independent action and to interact frequently with a business founder, owner, or chief executive. The course may be repeated once for credit. This course may include a Signature Experience component.

MGS 4610 Corporate Social Responsibility

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is centered upon the theory and application of Corporate Social Responsibility. The concept of the triple bottom line, i.e. planet, people and profits is examined for a variety of global corporations. These "three P's" re-enforce the notion of stakeholer issues taking precedence over shareholder concerns. We examine the interrelationships among business, government and society and develop a frame- work of corporate sustainability and opportunity balanced with corporate awareness and responsibility.

MGS 4700 Operations Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3100, and MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1

DESCRIPTION This course provides an introduction to the concepts underlying production and operations management. Such topics as inventory control, supply chain management, quality control, work measurement, and production methods, are covered. The topics covered are integrated using a systems approach to the operations of an organization.

MGS 4710 Supply Chain Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

DESCRIPTION This course covers the design, planning and execution of supply chains and operations with topcis including resources allocation, facility location and network design, inventory control, capacity planning, material and resource requirements planning, supply chain risk managment.

MGS 4730 Project Management

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, and MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1

DESCRIPTION This course addresses the structured process for managing projects. The emphasis in the course is on defining, planning, and controlling projects to successfully complete them within quality specifications, on schedule, and within budget. Project management software is used in the course. Other topics include project organization, roles of the project manager and team members, and project leadership.

MGS 4740 Operation Strategy

CREDIT HOURS 3.0

PREREQUISITES MGS 3100, and MGS 4700

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course addressed the development and implementation of production/operations strategy and the integration of this strategy with the corporate/business strategies and with those of other functional areas. Topics include planning and implementation of operations strategies, organizational design for operations, and productivity improvement.

MGS 4760 Total Quality Management

CREDIT HOURS 3.0

PREREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 6

DESCRIPTION The course emphasizes the strategic importance of quality, the management of quality, problem-solving tools for quality assurance, and statistical process control methods. In addition, this course provides the business student with a set of skills for achieving and maintaining quality assurance and process or service control. Cases and problem solving exercises reinforce the basic concepts and principles of Quality Management.

MGS 4770 Service Operations Management-CTW

CREDIT HOURS 3.0

PREREQUISITES MGS 4700

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 7

DESCRIPTION This course satisfies critical thinking through writing requirements. This course focuses on the analysis of service sector per- formance and methods designed to improve service operations from a competitiveness standpoint. The topics covered are cross-functional in nature including operations, marketing, human resource management, information technology and entre- preneurship and are presented as an integrated system approach to the service organization.

MGS 4860 Management Studies Abroad

CREDIT HOURS 3.0

PREREQUISITES MGS 3400, and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Emphasizing a collaborative rather that competitive learn- ing environment, this course examines the interrelatedness of economic, political, legal, social, and cultural factors on cross-cultural management issues. Concepts of human be- havior, motivation, strategy, and labor/management relations are linked to practice in different national settings. An extensive international on-site program is an integral part of this program. Interviews are conducted at a broad range of organizations and industries. Objectives include culti- vating a global mindset and developing a richer understand- ing of international business challenges relating to manage- ment. Company visits showcase evolving corporate profiles in the global marketplace. This course may include a Signature Experience component.

MK 3010 Marketing Manangement

CREDIT HOURS 3.0

PREREQUISITES ACCT 2101, and ACCT 2102, and ECON 2105, and ECON 2106, and CIS 2010, and BUSA 2106

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours. B.B.A. students may not register for this course until ECON 2105, ECON 2106, and ACCT 2102 are passed with degree credit

DESCRIPTION Co-rerequisite: BUSA 3000. As the marketplace continues to adopt more electronic tools to facilitate business processes and expand to the international arena, the discipline of marketing is emerging as more important than ever in helping organizations better assure their on-going viability. This course provides an overview of marketing as a management process. Upon its successful completion, students will gain the ability to make better business decisions by understanding how to assess the marketing environment, design and conduct marketing research, and determine what elements are most important to customers as they make purchasing decisions. Topics covered include the use of marketing tools to develop and manage actual products and services, how to maximize prices on those products and services, how to distribute products and services, how to maximize prices on those products and services, and how to promote them. Finally, discussions will take place on how to compile the marketing information and decisions in a strategic plan that helps guide organizations' offerings to commercial success.

MK 4010 Marketing Metrics, Analysis and Problem Solving

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS None

DESCRIPTION The course teaches a numbers-based approach to understanding, structuring and presenting solutions for marketing challenges. Students apply basic economic, financial and accounting principles and best-practice marketing metrics to marketing problems, and also learn to evaluate and analyze marketing problems presented in the form of case studies. This course also includes an introduction to Marketing careers and to tools to aid students in preparing for a successful career in Marketing.

MK 4100 Buyer Behavior

CREDIT HOURS 3.0

PREREQUISITES MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION Basic concepts and research results from marketing and the social sciences are examined with the goal of enabling marketers to better understand customers and meet their needs. The decision process of buyers, factors affecting purchasing decisions, and customer satisfaction are major conceptual areas of the course. Implications for marketing strategies (e.g., market segmentation, product design, and promotion) are discussed.

MK 4200 Marketing Research

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4 2.5 GSU GPA and 45 semester hours

DESCRIPTION This course helps students make effective and efficient use of market information. Organizational issues, problem formulation, secondary data sources, survey sampling, measurement principles, questionnaire design, interviewing, basic data analysis, research ethics, new technologies, and international aspects are all introduced. This course may include a Signature Experience component.

MK 4300 Advertising

CREDIT HOURS 3.0

PREREQUISITES MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1

DESCRIPTION This course examines advertising as a business, as a marketing tool, as a creative process, and as a hybrid discipline which draws from both the arts and the sciences. The course is taught from a social as well as a managerial orientation. From a social perspective, emphasis is placed on the history of advertising, as well as current social, ethical, and legal issues. From a managerial perspective, students learn about the advertising process, including such topics as diagnostic evaluative research, concept development, creative and media strategy, and global issues.

MK 4305 Social Media Marketing

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6, 7

DESCRIPTION Prerequisite; MK 3010, and BCOM 3950 . Social media marketing is changing the way companies of all sizes communicate with their customers. In the same way they use traditional media, marketers use social media to reach their customers efficiently and effectively. But they also use it to understand buyer behavior and gain insights into what customers are saying about brands. This course will cover social media applications such as blogging, online communities, social networking (e.g., Facebook and LinkedIn), WIKIs, rapid sharing systems (e.g., Twitter), podcasting (e.g., YouTube), and search engine marketing. Through experiential learning, the course will teach students how to apply the strategic planning process, return on investment criteria, and organizational governance issues to the broad spectrum of social media.

MK 4310 Advertising Campaigns

CREDIT HOURS 3.0

PREREQUISITES MK 4300

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 4, 6, 7

DESCRIPTION This course is designed to train students in the planning, execution, and evaluation of advertising strategies. Students apply decision criteria to every stage in the advertising process: analysis of industries, competitors, consumers, and products; market segmentation; objective setting; budget allocation; product positioning; development of creative strategy and tactics; media planning; and advertising evaluation. Through the use of an extensive campaign project, students learn firsthand the challenges of creating effective advertising programs.

MK 4330 Principles of Professional Sales

CREDIT HOURS 3.0

PREREQUISITES BCOM 3950, and MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION A significant strategy in business today is developing relationships with potential and existing customers and vendors. The job of developing and enriching these relationships generally falls on the sales force of an organization. This course will give you an understanding of what sales people do and help you develop skills necessary to "sell" everything from yourself in a job interview to the latest products and services from your employer.

MK 4331 Key Account Sales Skills and Techniques

CREDIT HOURS 3.0

PREREQUISITES MK 4330

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION In today's sales environment, more and more organizations are adopting a "team selling" model for key and strategic accounts. This course is designed to help students develop the knowledge and skill sets necessary to be successful in a sales environment which features selling to more upper-level managers in an organization; working in a team environment; and beginning to develop sales management skills which will enhance their careers.

MK 4340 Sales Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course examines the sales management function in contemporary business organizations. Emphasis is placed on the formulation, implementation, and evaluation of a strategic sales program. Specific topics addressed include ethical and legal issues in sales management, selection and recruiting, territory design, quotas, organizing the sales force, compensation, motivation, leadership and coaching, and evaluation of salesperson performance. The course also emphasizes a mix of conceptual and applied information to provide a balanced view of sales management. The strategic nature of sales management decisions is another major topic.

MK 4389 Directed Readings in Marketing

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES MK 3010, qnd consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

MK 4391 Marketing Internship

CREDIT HOURS 1.0

PREREQUISITES MK 3010, and BCOM 3950 and department approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, (May be repeated once)

DESCRIPTION In this field study, students have the opportunity to apply their marketing skills, knowledge, and competencies in a professional setting. The course enables a student to participate in a marketing internship when the employer requires that credit be granted for the internship experience. Upon satistying the prerequisites, students can apply to the department during the normal registration period for the upcoming semester, by providing a written description of the proposed internship. Grading is on a Satisfactory/Unsatisfactory basis. This course may include a Signature Experience component.

MK 4400 Distribution Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION Distribution management deals with the management of those activities involved in making goods and services available for businesses and consumers. In this course, students develop understanding of how various institutions in the marketing channel perform these functions cost effectively to meet changing customer expectations. Emphasis is placed on the functions associated with the flow of inventories and related information or logistics aspects of distribution including marketing channels, customer service, order management and information systems, transportation management, inventory management, and warehousing. Toward the end of the course, students learn how to integrate these functions into a total distribution/ logistics system from a supply chain perspective.

MK 4420 Retailing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course introduces the student to the basic principles of retailing, the diversity and dynamism of the retail industry, and tools for improving productivity. The course is designed to strike a balance between academic credibility and the basic, trade-oriented needs of the job-seeking student. It presents practical methods and procedures within a conceptual, theoretical framework. Hands-on projects and case applications are used to achieve this purpose.

MK 4510 Business-to-Business Marketing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course focuses on strategy development for marketers whose customers include other businesses, the government, and institiutions. It explores the buying behavior of organizations as customers and ways to segment the organizational market. In addition, the course highlights how the product development process for such customers differs from the processes used for consumer products and services. Other topics include channels of distribution strategy including electronic issues, supply chain management, price bidding, and new trends in personal selling and sales management.

MK 4600 International Marketing

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course aims to broaden students' appreciation of world markets and to provide knowledge and skills needed for recognizing, evaluating, and managing the international function. Through lectures, cases, and hands-on projects, students are introduced to the economic, socio-cultural, financial, and legal-political factors affecting international marketing and to the problems and opportunities associated with doing business on a global scale.

MK 4620 Product Management

CREDIT HOURS 3.0

PREREQUISITES MK 3010 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION The objective of this course is to familiarize students with applications of relatively recent new product planning techniques. The course will emphasize the use of market research data and marketing models for new product development and management. The main topics to be covered in this course are idea generation, concept evaluation, optimal product design, test marketing, product positioning, market segmentation, market share estimation, product packaging, advertising testing, pricing, brand name selection, brand equity, and global product planning.

MK 4700 Pricing and Sales Promotion Strategy

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MK 4010, and BCOM 3950 and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION Price is arguably the marketing variable most closely linked to financial outcomes. Marketers use both price and sales promotion deals, discounts and other programs--to motivate profitable behavior throughout the channel and at the point of sale. Today, in many industries, sales promotion accounts for the largest share of the marketer s budget. In this course, students learn how to set prices and pricing policies and structures to optimize the short-term and long-term success of the firm. Students also learn how to evaluate sales promotion activities and how to direct sales promotion efforts so as to maximize sales promotion ROI. This course uses simulation, case analysis, guest speakers, lecture and discussion to prepare students to make sound pricing and sales promotion decisions.

MK 4720 Direct and Interactive Marketing

CREDIT HOURS 3.0

PREREQUISITES BCOM 3950, and MK 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 2, 6, 7

DESCRIPTION Direct Marketing is one of the fastest growing areas of marketing practice today. Direct marketing uses multiple channels (such as Internet, the telephone, mail, and mass media) to reach specifically targeted customers to elicit a response and create an immediate or eventual sale. Direct marketing is distinguished by its focus on targeting and by its emphasis on accountability for performance and impact on ROI. This course teaches students how to plan and execute effective direct marketing strategies. Students examine the role of information in testing, refining and evaluating a direct marketing program. They will also explore the regulatory environment, the challenge of protecting customer privacy, and global variations in the use and effectiveness of direct marketing programs.

MK 4800 Services Marketing

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION Prerequisites; MK 3010, and BCOM 3950. Given the dominance of the service sector in the global economy, this course focuses on the important challenges of marketing services and delivering quality service to customers. The primary theme of this course is that service organizations differ from goods organizations and require their own distinctive approach to the development and execution of marketing strategy. A second theme focuses on the role of service in manufacturing firms. This course will suggest ways that companies in the manufactured goods sector might use service as a source of competitive advantage. Through completion of a comprehensive firm audit, students will better understand the use of marketing tools by service organizations.

MK 4850 Marketing for Entrepreneurs

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION Marketing is of critical importance to the success of the entreprenurial venture. This course gives students the chance to develop their knowledge and thinking about entreprenurial opportunities by applying marketing concepts to the specific challenges of the small business or start-up. The course begins by examining how marketing can be used to find, evaluate, and exploit the right venture opportunity. Students then learn how to formulate product, price, promotion, and distribution strategies under conditions of severe resource limitations. Through the development of a marketing plan for an existing small business or a proposed start-up, students will learn how to position new products and services to increase the chance of ventures success.

MK 4900 Marketing Strategy – CTW

CREDIT HOURS 3.0

PREREQUISITES MK 3010, and MK 4010, and MK 4100, and MK 4200

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 6, 7

DESCRIPTION This is the capstone course, synthesizing knowledge and skills acquired in previous marketing coursework. The course focuses on marketing's role in creating, capturing, and sustaining customer value for an organization or business unit. Using the case method, students apply quantitative analysis and critical thinking skills to develop and implement marketing strategies to solve problems in a dynamic global environment. Working in teams, students learn how to manage marketing organizations and integrate marketing functions as they design, execute, evaluate, and present a strategic marketing plan. This course satisfies the critical thinking through writing (CTW) requirement. Students are encouraged to enroll in this course their last semester. Prerequisites are strictly enforced.

MATH 0098 Elementary Algebra

CREDIT HOURS 4.0

DESCRIPTION (Formerly LSP 0098.) Topics include review of real numbers (order of operations, fractions, decimals, percents, and integers), solving and graphing linear equations and inequalities, operations with polynomials. An introduction to solving systems of linear equations and inequalities, factoring, and operations with rationales. Applications will be emphasized.

MATH 0099 Intermediate Algebra

CREDIT HOURS 4.0

DESCRIPTION (Formerly LSP 0099.) A transition from elementary algebra to college algebra. Topics include operations with radicals, graphing of linear and nonlinear functions, algebra of linear and nonlinear functions, systems of linear equations and inequalities, review of factoring and quadratic functions. Applications will be emphasized.

MATH 0999 Support for College Algebra

CREDIT HOURS 1.0

PREREQUISITES A suitable score on the math placement test and concurrent registration in MATH 1111

DESCRIPTION This course provides support for students concurrently enrolled in MATH 1111 College Algebra. The course covers Math1111 prerequisite material, including sets, real numbers and their properties, manipulation of fractions, polynomials, rules of exponents, polynomial addition and subtraction, factoring, rational expressions, rational exponents, and radical expressions. The content is sequenced so that it is covered as it is needed in MATH 1111.

MATH 1070 Elementary Statistics

CREDIT HOURS 3.0

PREREQUISITES High School Algebra II or equivalent

DESCRIPTION Descriptive statistics, basic probability, and distribution of random variables, estimation and hypothesis tests for means and proportions, regression and correlation, analysis of count data.

MATH 1090 Honors Statistics

CREDIT HOURS 3.0

PREREQUISITES consent of Honors Program director

DESCRIPTION Nondeterministic conceptualizations of phenomena as a foundation for inference. Descriptive and inferential methods of statistics, including synopses of real experiments, means, variances, regression and correlation, probability, sampling, hypotheses testing.

MATH 1101 Introduction to Mathematical Modeling

CREDIT HOURS 3.0

PREREQUISITES High School Algebra II or equivalent

DESCRIPTION Three lecture hours a week. Mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, on the use of appropriate supporting technology, and on the effective communication of quantitative concepts and results.

MATH 1111 College Algebra

CREDIT HOURS 3.0

PREREQUISITES MATH 0099 with a grade of C or higher, or a suitable score on the math placement test, or concurrent registration in MATH 0999, or departmental approval

DESCRIPTION This course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions.

MATH 1112 College Trigonometry

CREDIT HOURS 3.0

PREREQUISITES MATH 1111 with a grade of C or higher, or appropriate score on the placement test

DESCRIPTION This course is a functional and visual approach to trigonometry that incorporates the use of appropriate technology. Emphasis will be placed on the study of trigonometric functions and their graphs incorporating a unit circle approach as well as special triangles angles. Topics include circular functions, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, Law of Sines, Law of Cosines, and vectors. Appropriate applications will be included.

MATH 1113 Precalculus

CREDIT HOURS 3.0

PREREQUISITES MATH 1111 with a grade of C or higher, or a suitable score on the math placement test, or departmental approval

DESCRIPTION This course is an intensive study of the basic functions needed for the study of calculus. Topics include algebraic, functional, and graphical techniques for solving problems with algebraic, exponential, logarithmic, and trigonometric functions and their inverses.

MATH 1220 Survey of Calculus

CREDIT HOURS 3.0

PREREQUISITES MATH 1111 with grade of C or higher

DESCRIPTION Differential and integral calculus of selected real-valued functions of one and several real variables with applications.

MATH 2008 Foundations of Numbers and Operations

CREDIT HOURS 3.0

PREREQUISITES MATH 1001, MATH 1101, MATH 1111, or MATH 1113 with grade of C or higher

DESCRIPTION This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics.

MATH 2201 Calculus for the Life Sciences I

CREDIT HOURS 4.0

PREREQUISITES MATH 1112 or MATH 1113 with a grade of C or higher, or appropriate score on the placement test

DESCRIPTION Limits, derivatives and applications. Exponential and logarithmic functions. Integrals, antiderivatives and the Fundamental Theorem of Calculus. Examples and Applications are drawn from the life sciences. This course is not appropriate for mathematics, computer science, geology, and physics majors or minors.

MATH 2202 Calculus for the Life Sciences II

CREDIT HOURS 4.0

PREREQUISITES MATH 2201 with a grade of C or higher

DESCRIPTION Matrices, functions of several variables, differential equations and solutions with applications. Examples and applications are drawn from the life sciences. This course is not appropriate for mathematics, computer science, geology, and physics majors or minors.

MATH 2211 Calculus of One Variable I

CREDIT HOURS 4.0

PREREQUISITES MATH 1113 with grade of C or higher or a suitable score on the math placement test

DESCRIPTION Limits and Continuity, Differentiation, Mean Value Theorem for Derivatives; applications of differentiation; definition of the integral; Fundamental Theorem of Calculus; applications of integration to area.

MATH 2212 Calculus of One Variable II

CREDIT HOURS 4.0

PREREQUISITES MATH 2211 with grade of C or higher

DESCRIPTION Applications and techniques of integration; transcendental and trigonometric functions; polar coordinates; infinite sequences and series; indeterminate forms; improper integrals.

MATH 2215 Multivariate Calculus

CREDIT HOURS 4.0

PREREQUISITES MATH 2212 with grade of C or higher

DESCRIPTION Real-valued functions of several variables, limits, continuity, differentials, directional derivatives, partial derivatives, chain rule, multiple integrals, applications.

MATH 2420 Discrete Mathematics

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 or MATH 1220 with grade of C or higher

DESCRIPTION Introduction to discrete structures which are applicable to computer science. Topics include number bases, logic, sets, Boolean algebra, and elementary concepts of graph theory.

MATH 3000 Bridge to Higher Mathematics-CTW

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 and MATH 2420 with grades of C or higher

DESCRIPTION Topics from set theory, real numbers, analysis, and algebra, which illustrate a formal approach to the presentation and development of mathematical concepts and proofs. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all mathematics majors.

MATH 3030 Mathematical Models for Computer Science

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 and MATH 2420 or CSC 2510 with grades of C or higher

DESCRIPTION Elements of mathematical modeling including: multivariate functions, probability, distributions of random variables, sampling, statistical inference, operators, vector analysis; elements of linear algebra.

MATH 3050 Geometry and Spatial Sense

CREDIT HOURS 3.0

PREREQUISITES MATH 2030 or MATH 2008 with grade of C or higher

DESCRIPTION Building on Euclidean geometry this course is designed to develop a more visual understanding of geometry and enhance geometric intuition in two- and three-dimensions. Topics include measurement, two-dimensional geometry, three-dimensional geometry, spherical geometry, symmetry, tesselations, efficient shapes, transformations.

MATH 3070 Introduction to Probability and Statistics

CREDIT HOURS 3.0

PREREQUISITES MATH 2030 or MATH 2008 with grade of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. This course will not be accepted as a part of the requirements for a major in mathematics. This course is intended to provide an overview of the basics of probability and descriptive statistics. Various forms of technology will be used.

MATH 3090 Algebraic Concepts

CREDIT HOURS 3.0

PREREQUISITES MATH 2030 or MATH 2008 with grade of C or higher

DESCRIPTION This course will not be accepted as a part of the requirements for a major in mathematics. This course is designed to broaden understanding of fundamental concepts of algebra with particular attention given to specific methods and materials of instruction. The principle algebra topics to be taught in this course are: the Language of Algebra; Patterns, Relations, and Functions; and Balance, Equations, and Inequalities.

MATH 3260 Differential Equations

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION First-order equations, linear differential equations with special emphasis on constant coefficient and Euler equations, systems of equations, applications.

MATH 3300 Problem Solving with Computers

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Three lectures a week. This course explores various mathematical contexts and develops mathematical knowledge necessary to solve, or attempt to solve, mathematical problems in the computer enhanced environment. The problems come from many sources and contexts. Computer programs such as Maple, Matlab, spreadsheets, Geometer's Sketch Pad, Study Works, etc. will be used. No previous experience with computers is required.

MATH 3420 Applied Combinatorics

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or MATH 2420 with grade of C or higher

DESCRIPTION Counting principles; topics include combinations, permutations, generating functions, recurrence relations, principle of inclusion and exclusion, and Polya's theory of counting.

MATH 3435 Linear Algebra I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grades of C or higher

COREQUISITES MATH 3000 must be taken simutaneously with MATH 3435

DESCRIPTION Theory and applications of matrix algebra, vector spaces, and linear transformations. Topics include linear equations and matrices, invertible matrices, determinants, vector spaces, subspaces, bases, eigenvalues and eigenvectors. 3.0 Credit Hours.

MATH 3610 Special Problems and Solving Strategies

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 with grade of B or higher, or consent of instructor

DESCRIPTION The course will concentrate on developing solving strategies of difficult mathematical problems which require creativity and profound understanding of mathematics. Among topics to be covered: induction and pigeonhole principle, arithmetic, algebra, summation of series, intermediate real analysis, inequalities.

MATH 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

MATH 3820 Historical and Cultural Development of Mathematics I

CREDIT HOURS 3.0

PREREQUISITES MATH 1101 or MATH 1111 with grade of C or higher

DESCRIPTION Three lecture hours a week. Exploration of the historical and cultural development of mathematics between ~3000 B.C. and ~A.D. 1600. Mathematics topics to include the development of arithmetic, geometry (practical, deductive, and axiomatic), number theory, trigonometry, syncopated and symbolic algebra, probability, and statistics.

MATH 3821 Historical and Cultural Development of Mathematics II

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Three lecture hours a week. Exploration of the historical and cultural development of mathematics from ~A.D. 1600 to present. Mathematics topics to include the development of algebraic geometry, logarithms, calculus, non-Euclidean geometry, abstract algebra, probability, and analysis.

MATH 4010 Mathematical Biology

CREDIT HOURS 3.0

PREREQUISITES MATH 2212 or MATH 1220 with grade of C or higher

DESCRIPTION (Same as BIOL 4010.) This course provides an introduction to the use of continuous and discrete differential equations in the biological sciences. Biological topics will include single species and interacting population dynamics, modeling infectious and dynamic diseases, regulation of cell function, molecular interactions and receptor-ligand binding, biological oscillators, and an introduction to biological pattern formation. There will also be discussions of current topics of interest such as Tumor Growth and Angiogenesis, HIV and AIDS, and Control of the Mitotic Clock. Mathematical tools such as phase portraits, bifurcation diagrams, perturbation theory, and parameter estimation techniques that are necessary to analyze and interpret biological models will also be covered.

MATH 4030 Mathematical Music Theory

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in MATH 3000

DESCRIPTION Specific aspects of group theory, algebraic combinatorics on words, similarity and distance measures, topology and geometry, and topos theory that are used in the analysis of general objects of music (scales, chords, rhythmic patterns) as well as in specific applications (development of software, music cognition, analysis of pieces from different time periods and genres). Acquire a repertoire of mathematical tools and techniques.

MATH 4211 Optimization

CREDIT HOURS 3.0

PREREQUISITES MATH 3435 or MATH 3030 with a grade of C or higher

DESCRIPTION Lagrange multipliers, gradient methods (steepest descent), search techniques, variational methods and control problems; other varying topics such as dynamic programming, nonlinear programming.

MATH 4250 Complex Analysis

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Complex numbers, analytic functions, complex series, Cauchy theory, residue calculus, conformal mapping.

MATH 4258 Vector Calculus

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION (Same as PHYS 4510.) Vector algebra, curvilinear motion, vector fields, gradient, divergence, Laplacian, line and surface integrals, integral theorems.

MATH 4265 Partial Differential Equations

CREDIT HOURS 3.0

PREREQUISITES MATH 3260 with grade of C or higher

DESCRIPTION (Same as PHYS 4520.) First-order equations, classification of linear second-order equations, separation of variables, Fourier series, orthogonal functions, Green's functions.

MATH 4275 Applied Dynamical Systems

CREDIT HOURS 3.0

PREREQUISITES MATH 3260, and MATH 3435 or MATH 3030 with grades of C or higher

DESCRIPTION Three lecture hours per week. An introduction to discrete and continuous dynamical systems. Topics include: phase space; linear and nonlinear systems; structural stability; classification of equilibrium states, invariant manifolds; poincare maps, fixed points and period orbits; stability boundaries; local bifurcations; homoclinic orbits; routes to chaos in dissipative systems; applications from physics, biology, population dynamics, economics.

MATH 4301 College Geometry

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Axioms of planar Euclidean Geometry. The 5th postulate. Congruence and Similarity. Theorem of Thales. Similar Triangles: SAS, AA, and SSS. Theorem of Ceva. The Pythagorean Theorem. Polygons. Circles, secants and tangents, measurement of an angle with respect to a circle. Perimeters, areas, circumference. Inscribed and circumscribed polygons. Coordinate Geometry in the plane. Mirror symmetries, rotations, translations and dilations. Isometries and the fundamental theorem of Euclidean Geometry. Transformations in the plane and tessellations.

MATH 4371 Modern Geometry

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Euclidean and non-Euclidean geometry, including incidence, order, and the parallel postulate.

MATH 4381 General Topology

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in MATH 3000

DESCRIPTION This course will provide an introduction to general topology, which is the study of spaces and how to classify spaces according to their characteristic properties. The class will begin with a brief review of basic set theory and metric spaces. Topics covered include topological spaces, continuous functions, topological properties (connectedness, compactness, countability, and separation axioms), the fundamental group, and covering spaces.

MATH 4382 Algebraic Topology

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in General Topology (MATH 4381/6381) and Modern Algebra I (MATH 4441)

DESCRIPTION This course will provide an introduction to methods in algebraic topology. Topics covered include fundamental groups, covering space theory, simplicial complexes, simplicial homology, singular homology, singular cohomology, and higher homotopy groups.

MATH 4391 Introduction to Differential Geometry and Its Applications

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION (Same as PHYS 4391.) Three lecture hours a week. The theory of curves and surfaces in parametric and implicit form. Curvature and torsion of a curve; the shape operator and the total and mean curvature of a surface. The Gauss-Weingarten equations; the Egregium Theorem; surfaces of constant curvature and non-Euclidean geometry. Minimal surfaces; the Gauss Bonnet Theorem; submanifolds in Euclidian spaces, vector fields, differential forms, and the theorems of Frobenius and Stokes. Applications to physics.

MATH 4420 Graph Theory

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Introduction to graph theory; topics include structure of graphs, trees, connectivity, Eulerian and Hamiltonian graphs, planar graphs, graph colorings, matchings, independence, and domination. Additional topics may include symmetry of graphs, directed graphs, extremal graph theory and Ramsey theory, graph embeddings, and probabilistic methods in graph theory.

MATH 4435 Linear Algebra II

CREDIT HOURS 3.0

PREREQUISITES MATH 3435 with grade of C or higher

DESCRIPTION Theory and applications of matrix algebra, vector spaces, and linear transformations. Topics include matrix representations of linear transformations, eigenvalues and eigenvectors, similarity, the spectral theorem, and orthogonality. 3.0 Credit hours.

MATH 4441 Modern Algebra I

CREDIT HOURS 3.0

PREREQUISITES MATH 3435 and MATH 3000 with grades of C or higher

DESCRIPTION Axiomatic approach to algebraic structures, groups, permutations, homomorphisms, and factor groups.

MATH 4442 Modern Algebra II

CREDIT HOURS 3.0

PREREQUISITES MATH 4441 with grade of C or higher

DESCRIPTION Rings, integral domains, and fields; polynomials over a field, matrices over a field, algebraic numbers and ideals.

MATH 4444 Polynomials

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Three lecture hours a week. The topic of polynomials is one of the oldest in mathematics and has applicability to almost every area of mathematics. The course will use algebra and analysis to study polynomials. Among topics to be covered: roots of polynomials (inequalities, relationship between the root of a polynomial and its derivative), resultants, discriminant, irreducible polynomials, special classes of polynomials (symmetric, cyclotomic, Chebysev).

MATH 4450 Theory of Numbers

CREDIT HOURS 3.0

PREREQUISITES MATH 3000 with grade of C or higher

DESCRIPTION Properties of integers, divisibility, congruence of problems.

MATH 4455 Error Correcting Codes

CREDIT HOURS 3.0

PREREQUISITES MATH 3030 or MATH 3435 with grade of C or higher

DESCRIPTION Three lectures a week. This course provides an elementary, yet rigorous introduction to the theory of error correcting codes. Topics include survey of groups, finite fields and polynomials, linear algebra, Huffman codes, data compression and entropy, linear codes, Reed-Muller codes, cyclic codes, BCH codes, and fast decoding BCH codes.

MATH 4460 Cryptography

CREDIT HOURS 3.0

PREREQUISITES MATH 3030 or MATH 3435 with grade of C or higher and the ability to program high-level language

DESCRIPTION Three lectures a week. This course covers the mathematical background of computational and algorithmic methods for cryptography. This includes information theory, computational complexity and number theory. Methods covered incluce public key cryptosystems and secure methods for authentication and digital signatures.

MATH 4544 Biostatistics

CREDIT HOURS 3.0

PREREQUISITES MATH 2211 and BIOL 1104K or BIOL 1108K or BIOL 2108K with grades of C or higher

DESCRIPTION (Same as BIOL 4744.) Degree credit will not be given for both MATH 4544 and MATH 4547. Principles and methods of statistics as applied to biology and medicine.

MATH 4547 Introduction to Statistical Methods

CREDIT HOURS 3.0

PREREQUISITES grade of C or higher in a course in calculus

DESCRIPTION Degree credit will not be given for both MATH 4544 and MATH 4547. Data analysis, sampling, and probability; standard methods of statistical inference, including t-tests, chi-square tests, and nonparametric methods. Applications include use of a statistical computer package.

MATH 4548 Methods of Regression and Analysis of Variance

CREDIT HOURS 3.0

PREREQUISITES grade of C or higher in a course in calculus, and a course covering methods of statistical inference

DESCRIPTION Simple and multiple regression, model selection procedures, analysis of variance, simultaneous inference, design and analysis of experiments. Applications include use of a statistical computer package.

MATH 4610 Numerical Analysis I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher and the ability to program in a high-level language

DESCRIPTION (Same as CSC 4610.) Nature of error; iteration; techniques for nonlinear systems; zeros of functions; interpolation; numerical differentiation; Newton-Cotes formulae for definite integrals; computer implementation of algorithms.

MATH 4620 Numerical Analysis II

CREDIT HOURS 3.0

PREREQUISITES MATH 3030 or MATH 3045 with grade of C or higher, and the ability to program in a high-level language

DESCRIPTION (Same as CSC 4620.) Gaussian Elimination for linear systems; least squares; Taylor, predictor-corrector and Runge- Kutta methods for solving ordinary differential equations; boundary value problems; partial differential equations.

MATH 4650 Inverse and Ill-Posed Problems

CREDIT HOURS 3.0

PREREQUISITES MATH 3030 or MATH 3435, and Math/CSC 4610 or Math/CSC 4620 with grades of C or higher

DESCRIPTION Three lecture hours a week. Ill-posed problems that arise in astrophysics, geophysics, spectroscopy, computerized tomography, and other areas of science and engineering are considered in this course. Topics to be covered: a general regularization theory; variational regularization and the discrepancey principle; iterative regularization; convergence analysis and stopping rules; numerical aspects.

MATH 4661 Analysis I

CREDIT HOURS 3.0

PREREQUISITES MATH 3435 with grade of C or higher

COREQUISITES MATH 4435

DESCRIPTION The real number system, basic topology of metric spaces, sequences and series, limits and continuity.

MATH 4662 Analysis II

CREDIT HOURS 3.0

PREREQUISITES MATH 4661 with grade of C or higher

DESCRIPTION Differentiation of real functions, Reimann integrals, sequences and series of functions, differentation and integration of functions of several variables.

MATH 4671 Transforms in Applied Mathematics

CREDIT HOURS 3.0

PREREQUISITES MATH 3030 or MATH 3435 with grade of C or higher

DESCRIPTION The Laplace transform, discrete and continuous Fourier Transforms, z-transforms, discrete filters, and wavelets.

MATH 4751 Mathematical Statistics I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION Probability, random variables and their distributions, mathematical expectation, moment generating functions, sampling distributions.

MATH 4752 Mathematical Statistics II

CREDIT HOURS 3.0

PREREQUISITES MATH 4751 with grade of C or higher

DESCRIPTION Theory of estimation and hypothesis testing, applications of statistical inference, introduction to regression and correlation.

MATH 4767 Statistical Computing

CREDIT HOURS 3.0

PREREQUISITES MATH 4752 or MATH 4548, and MATH 3435 with grades of C or higher and the ability to program in a high-level language

DESCRIPTION Computational implementation of statistical methods such as descriptive statistics and graphs, testing for normality, one and two sample tests, Wilcoxon rank sum tests, Wilcoxon signed rank tests, basic regression and analysis of variance (ANOVA). Standard statistical packages (SAS) will be used as well as user-written programs. 3.0 credit hours.

MATH 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to Honors thesis or project. This course may include a Signature Experience component.

MATH 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES MATH 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of Honors thesis or project. This course may include a Signature Experience component.

MATH 4982 Undergraduate Research in Mathematics

CREDIT HOURS 3.0

PREREQUISITES at least 12 upper-division hours in mathematics with grades of C or higher

DESCRIPTION Authorization required. Independent investigation of topics of common interest to student and instructor. This course may include a Signature Experience component.

MATH 4991 Senior Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES MATH 4435 with grade of C or higher

DESCRIPTION This course introduces students to independent research in mathematics and related areas. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all mathematics majors.

MATH 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

MATH 4998 Selected Topics

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION No more than six credit hours may be applied toward the major. May be repeated if topics are different.

EDMT MATHEMATICS EDUCATION

EDMT 3300 Puzzling Mathematics from an Educational Perspective

CREDIT HOURS 3.0

DESCRIPTION This course will concentrate on solving, or attempting to solve mathematics problems and/or puzzles in secondary mathematics context. The emphasis will be on exploration of various mathematics contexts to learn mathematics, to pose problems and problem extensions, to solve problem and/or puzzles, and to communicate mathematical problems and/or puzzles and their solutions from an educational perspective. Curriculum implications of problem and/or puzzle solving will be explored through the course.

EDMT 3350 Topics in Middle Grades Mathematics

CREDIT HOURS 3.0

DESCRIPTION Develops selected content topics in middle grades mathematics including number theory, algebra, geometry, probability, and statistics. The course emphasizes algebraic thinking and functions, problem solving, reasoning, connecting mathematical ideas, and using technology.

EDMT 3420 Special Topics in the Middle Level Mathematics Curriculum

CREDIT HOURS 3.0

DESCRIPTION Students explore the content and pedagogy related to selected topics in the middle school mathematics curriculum. May be repeated for credit when topics change. (Repeatable).

EDMT 4460 Concepts and Methods in Middle Childhood Mathematics

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDLA 4400, EDSC 4470, and EDSS 4480

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school mathematics instruction. Procedures for planning, implementing, and reflecting on mathematics instruction are learned in a school setting.

MES 2100 Introduction to Middle East Studies

CREDIT HOURS 3.0

DESCRIPTION Provides an overview of the scholarly study of the region, including basic concepts, historical development and current debates.

MES 3110 The Ancient Mediterranean

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3500.) Political, cultural, religious, economic, and social developments of the Ancient Near East, Greece and Rome and their influence on Western Civilization.

MES 3520 Sufism & Islamic Mysticism

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 3520.) The rise of ascetic and mystical tendencies in Islam; the development of Sufism and the Sufi brotherhoods; the conflict between Sufism and Islamic law, and their eventual reconciliation; anti-Sufi polemics of reformers and fundamentalists in modern times; the continuing importance and vitality of Sufism today.

MES 3710 Introduction to Jewish Studies

CREDIT HOURS 3.0

DESCRIPTION (Same as JST 3000.) A survey of the Jewish experiences since Biblical times, with special attention to the modern period (c. 1680-1945) and contemporary period (1945-present). Students synthesize material drawn from numerous disciplines, including film, history, literature, philosophy and religious studies. The course is facilitated by a lead teacher, with regular guest lectures by faculty and experts from different fields. Topics vary with faculty.

MES 4110 The Middle East, 600 to 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3780.) Political, cultural, social and economic development in the lands from Spain to Central Asia since the rise of Islam.

MES 4115 North Africa to 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3515.) Political, economic, cultural and social history of North Africa and its interactions with the Mediterranean world, Sub-Saharan Africa and the broader world system. Examines the history of the Berbers alongside the history of Arab and European influences in the region from Roman times to 1800.

MES 4120 The Middle East since 1800

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3790.) Political, cultural, social and economic development from Morocco to Iran, including imperialism, nationalism, independence and religious revival.

MES 4125 Medieval Mediterranean/Islamic World

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 3510.) Overview of the history of the Medieval Mediterranean World, from the fall of the Roman Empire to the rise of the Atlantic World (500-1500). Topics will include the origins and spread of Islam, cross-cultural contacts around the Mediterranean, the Crusades, and the other examples of Islamic/Christian/Jewish interaction.

MES 4140 Origins and Collapse Ancient Near East Societies

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4510.) History of Egypt, Mesopotamia, Iran, the Levant, Anatolia and Central Asia from 3500 BCE to 323 BCE. Areas of exploration will include the origins of the state; the development of Egyptian and Mesopotamian kingship; the collapses of the Early and late Bronze Age; human environment interactions; nomads and settled societies; Mesopotamian literature; women's legal status; the Hittite Empire; daily life in an Egyptian village; the invention of the alphabet; Assyrian imperial terrorism; the rise of monotheism; the Persian empire.

MES 4150 Ancient Persia, Greece, and Rome

CREDIT HOURS 4.0

DESCRIPTION (Same as HIST 4520.) History of Persia, Greece, and Rome from 1800 BCE to 500 CE. Areas of exploration will include Bronze Age Greece in Near Eastern context; the 12th century BCE "Catastrophe"; Archaic Greek religion; the polis; Greek drinking parties and politics; the Persian conquest; the rise of Zoroastrianism; Hellenic syncretism; Parthia and Rome as the heirs of Hellenism; the metropolitan Roman empire; disease and demography in Late Antiquity; and the rise of Christianity.

MES 4160 The Middle East and the Americas

CREDIT HOURS 4.0

DESCRIPTION Relationship between the Middle East and the Americas. Explores the use of literature and mass media as well as the impact of the Cold War on present US/Middle East relations. Explores also questions of race, migration to the Americas and political Islam.

MES 4170 Palestine and Modern Middle East

CREDIT HOURS 4.0

DESCRIPTION Social, economic, cultural and political history of Palestine and its relation to the larger Middle East. Starting from the expansion of European power in the nineteenth century at the expense of the Ottoman Empire, the course charts the developments in Palestine during the modern era. Explores history through the prism of violence, state formation, identity politics, nationalism and migration and its larger impact on the Middle East.

MES 4210 Politics of the Middle East and North Africa

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4260.) Politics and culture of the region. Contemporary issues including: the region's relations with the West, regional conflict, and increasing role of religious movements in politics.

MES 4220 Politics and Religion in Comparative Perspective

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 or POLS 3400. (Same as POLS 4285.) Role of religious beliefs and institutions on political behavior.

MES 4230 Model Arab League

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION (Same as POLS 4952.) An exercise in modeling the process and politics of the Arab League. May be repeated for credit.

MES 4240 Middle East in World Affairs

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4423.) Prerequisite (recommended): POLS 3400 or POLS 4260. International relations of the Middle East (West Asia and North Africa), combining IR theory and the perspectives of policymakers and other actors of the region.

MES 4258 Government and Politics of South Asia

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 4258.) Examines the societies and politics of South Asia, with specific reference to India and Pakistan since independence from Britain in 1947.

MES 4430 Islamic Fundamentalism and the Modem World

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4480.) Modem Islamic movements including modernization, secularization and fundamentalism. Emphasis on fundamentalist views on women, politics, popular religious practices and violence; Muslim responses and alternatives to fundamentalism.

MES 4440 Special Topics in Islam

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4570.) Investigation of a specific theme, figure(s) or text(s) within Islam, such as Islamic ethics, historical portrayals of Muhammad, or the Nation of Islam. May be repeated if topic varies.

MES 4450 Life of Muhammad

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 4580.) Study and contrast of various perspectives of the life of the Prophet Muhammad including medieval Muslin hagiographies, medieval European polemics, and modem reinterpretations of both Muslims and non-Muslims.

MES 4510 Art of Ancient Egypt and Nubia

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4010 and AAS 4310.) Survey of painting, sculpture, architecture and minor arts in ancient Egypt and Nubia with reference to their chronological development and underlying historical, religious and cultural meanings.

MES 4511 Art and Architecture of Ancient Egypt I: 4000-1600 BC

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as AH 4011.) An examination of the art and architecture of ancient Egypt from the predynastic period to the Middle Kingdom with reference to stylistic characteristics and historical, religious and cultural contexts.

MES 4512 Art and Architecture of Ancient Egypt II: 1600-31 BC

CREDIT HOURS 3.0

DESCRIPTION (Same as AH 4012.) Art and architecture of ancient Egypt from the New Kingdom to the Ptolemaic Period with reference to stylistic development and historical, religious and cultural contexts.

MES 4520 Art and Architecture of the Ancient Near East

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher, or consent of the instructor

DESCRIPTION (Same as AH 4020.) An investigation of art and society from the Neolithic period to Alexander the Great, using archaeological data and art historical methods to analyze ancient objects and monuments.

MES 4530 Islamic Philosophy

CREDIT HOURS 3.0

DESCRIPTION A survey of the Islamic philosophical tradition, its characteristics and the major questions with which it has concerned itself. Topics include the development of Islamic thought and its different schools, through the development of Islamic legal scholarship, mysticism and philosophy.

MES 4570 Study Abroad

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES consent of instructor

DESCRIPTION Students will explore the culture and history of a Middle Eastern country through direct field experience in the country. Foreign language knowledge is not required. This course may include a Signature Experience component.

MES 4580 Middle East Studies Internship

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Advanced standing, and approval of sponsoring faculty advisor and of department chair

DESCRIPTION Academic training and professional experience through short-term internships at relevant corporations, non-profit organizations and public or private agencies. Paper required. May be taken more than once, but only three credits may be applied toward major requirements. This course may include a Signature Experience component.

MES 4590 Special Studies Seminar

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION This course offers an in-depth examination of an issue in Middle East Studies.

MES 4600 International Journalism

CREDIT HOURS 3.0

PREREQUISITES JOUR 3060 and JOUR 3070 with grades of C or higher

DESCRIPTION Only students with an institutional GPA of 2.5 or higher are eligible to enroll in this course. (Same as JOUR 4650.) Critical and comparative approaches to the study of communication systems and journalism at the national, regional, and global levels. Analysis of issues and implications of the globalization of mass media, information systems, and culture. Strategies for international communication research.

MES 4700 Arab and Islamic Feminisms

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4840.) We will look at how Arab and Islamic feminisms articulate with concerns of other feminisms indigenous to the global south and how Arab and Islamic feminisms have emerged as oppositional discourses to colonialism, patriarchal nationalism, and Western feminism.

MES 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis. This course may include a Signature Experience component.

MES 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES MES 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

MES 4890 Independent Study

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES consent of instructor and Institute director

DESCRIPTION This course is designed to provide students with the opportunity to do more advanced work in an area in which they have already had regular course work. Not to be used as a substitute for regularly offered upper-level courses. May be repeated for a maximum of 6 hours if topic varies.

MES 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

MES 4999 Directed Readings

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES consent of instructor

DESCRIPTION

MSL MILITARY SCIENCE LEADERSHIP

MSL 1001 Physical Fitness

CREDIT HOURS 1.0

DESCRIPTION This course is a physically and mentally challenging course where you will study, practice, and execute the US Army physical readiness training program in conjunction with other military and civilian fitness programs and models.

MSL 1010 Foundations of Officership

CREDIT HOURS 1.0

DESCRIPTION Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. Established framework for understanding officership, leadership, and Army values followed and "life skills" such as physical fitness and time management.

MSL 1020 Basic Leadership

CREDIT HOURS 1.0

DESCRIPTION Establishes foundation of basic leadership fundamentals such as problem solving, communications, briefings and effective writing, goal setting, techniques for improving listening and speaking skills and an introduction to counseling.

MSL 2010 Individual Leadership Studies

CREDIT HOURS 1.0

DESCRIPTION Students identify successful leadership characteristics through observation of others and self through experiential learning exercises. Students record observed traits (good and bad) in a dimensional leadership journal and discuss observations in small group settings.

MSL 2020 Leadership & Teamwork

CREDIT HOURS 1.0

DESCRIPTION Student examines how to build successful teams, various methods for influencing action, effective communication in setting and achieving goals, the importance of timing the decision, creativity in the problem solving process, and obtaining team buy-in through immediate feedback.

MSL 3010 Leadership & Problem Solving

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher, or completed ROTC basic camp, or military service equivalent

DESCRIPTION Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/small unit tactical training while testing reasoning and problem-solving techniques. Students receive direct feedback on leadership abilities.

MSL 3020 Leadership & Ethics

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher, or completed ROTC Basic Camp, or military service equivalent

DESCRIPTION Examines the role communications, values, and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military, and survey Army leadership doctrine. Emphasis on improving oral and written communication abilities.

MSL 3030 Leadership Training Camp

CREDIT HOURS 8.0

PREREQUISITES consent of instructor

DESCRIPTION Successful completion of LTC requires a cadet to meet or exceed the standard in a variety of objective evaluations. At LTC cadets will learn, develop, and practice leadership within a challenging, stressful, and competitive framework. The LTC environment provides cadre an opportunity to evaluate overall officer potential and characteristics such as loyalty, duty, respect, selfless service, honor, integrity, personal courage, and leadership.

MSL 4010 Leadership and Management

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher or military equivalent

DESCRIPTION Develops student proficiency in planning and executing complex operations, functioning as a member of a staff, and mentoring subordinates. Students explore training management, methods of effective staff collaboration, and developmental counseling techniques.

MSL 4020 Officership

CREDIT HOURS 3.0

PREREQUISITES MSL 1010, MSL 1020, MSL 2010, or MSL 2020 with grade of C or higher, or military service equivalent

DESCRIPTION Study includes case study analysis of military law and practical exercises on establishing an ethical command climate. Students must complete a semester-long Senior Leadership Project that requires them to plan, organize, collaborate, analyze, and demonstrate their leadership skills.

MSL 4030 National Advanced Leadership Camp

CREDIT HOURS 8.0

PREREQUISITES consent of instructor

DESCRIPTION ROTC National Advanced Camp is the most important training event for an Army ROTC cadet. The 32-day camp incorporates a wide range of subjects designed to develop and evaluate leadership ability. The challenges are rigorous and demanding, both mentally and physically. Advanced Camp tests intelligence, common sense, ingenuity, and stamina. These challenges provide a new perspective on an individual's ability to perform exacting tasks and to make difficult decisions in demanding situations.

MSL 4400 Independent Study

CREDIT HOURS 4.0

DESCRIPTION MSL 4400 develops proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership-performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make sound ethical decisions, and provide coaching and mentoring to fellow ROTC Cadets. MSL IV Cadets are measured by their ability to give and receive systematic and specific feedback on leadership abilities using the Socratic model of reflective learning. Cadets at the MSL IV level analyze and evaluate the leadership values, attributes, skills, and actions of MSL III Cadets while simultaneously considering their own leadership skills. Attention is given to preparation for success at BOLC III and the development of leadership abilities. The MSL 4400 course is designed to include multiple opportunities for student centered learning, to include, but not limited to student reading assignments; homework assignments; participation in small group assignments, practical exercises and case studies.

MUS 1060 Wind Ensemble

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1061 Wind Orchestra

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind instrument/band repertoire representing various periods and styles. Open to music majors and non-majors. Prior playing experience and music reading ability required. Placement audition required. (May be repeated for credit.) This course may include a Signature Experience component.

MUS 1062 Concert Band

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of band repertoire representing various periods and styles. Open to music majors and non-majors. Audition required. Prior playing experience and music reading ability required. May be repeated for credit. This course may include a Signature Experience component.

MUS 1063 Marching Band

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument/visual equipment. Audition required. 1-3 credit hours.

MUS 1070 Orchestra

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of orchestral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1080 Choral Ensemble: Men’s Chorus

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal and concert performance of men's choral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1080A Choral Ensemble: University Singers

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of choral literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1080B Choral Ensemble: Vocal Jazz

CREDIT HOURS 1.0

DESCRIPTION Study and performance of vocal jazz ensemble repertoire.

MUS 1081 Choral Union

CREDIT HOURS 1.0

DESCRIPTION The Choral Union is open to all GSU students who want to sing in a choir. No audition is required. The Choral Union sings a wide variety of music and typically performs two concerts per semester.

MUS 1082 Women's Chorus

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and performance of repertoire for women's chorus. Open to music majors and non-majors. (May be repeated for credit.) This course may include a Signature Experience component.

MUS 1083 Master Singers

CREDIT HOURS 1.0

DESCRIPTION The Georgia State University Master Singers is an auditioned choral ensemble that sings repertoire of all styles and periods.

MUS 1090 Jazz Band

CREDIT HOURS 1.0

PREREQUISITES Audition and consent of instructor

DESCRIPTION Study, rehearsal, and concert performance of jazz literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 1101 Concert Attendance One

CREDIT HOURS 0.0

DESCRIPTION Undergraduate students are required to complete 6 semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1106 is a required course to graduate.

MUS 1102 Concert Attendance Two

CREDIT HOURS 0.0

PREREQUISITES MUS 1101

DESCRIPTION Undergraduate students are required to complete 6 semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence.

MUS 1103 Concert Attendance Three

CREDIT HOURS 0.0

PREREQUISITES MUS 1102

DESCRIPTION Undergraduate students are required to complete 6 semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1106 is a required course to graduate.

MUS 1104 Concert Attendance Four

CREDIT HOURS 0.0

PREREQUISITES MUS 1103

DESCRIPTION Undergraduate students are required to complete 6 semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1106 is a required course to graduate.

MUS 1105 Concert Attendance Five

CREDIT HOURS 0.0

PREREQUISITES MUS 1104

DESCRIPTION Undergraduate students are required to complete 6 semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence. Completion of MUS 1106 is a required course to graduate.

MUS 1106 Concert Attendance Six

CREDIT HOURS 0.0

DESCRIPTION Prerequiste: MUS 1105. Undergraduate students are required to complete 6 semesters of concert attendance by attending a minimum of ten (10) approved concerts each semester. Students must complete course prerequisite in order to register for next sequence.

MUS 1430 Fundamentals of Music

CREDIT HOURS 2.0

PREREQUISITES theory placement examination

DESCRIPTION Not acceptable for credit for Bachelor of Music candidates. Includes staff notation, the piano keyboard, rhythm and meter, scales and modes, intervals and triads. Designed for students who read music.

MUS 1440 Theory I

CREDIT HOURS 3.0

PREREQUISITES MUS 1430 with grade of C or higher, or a score of 70 percent on the School of Music Fundamentals Examination

COREQUISITES MUS 1540 or MUS 1550

DESCRIPTION Beginning study of the materials and structure of music including diatonic harmony, counterpoint, and form analysis. Basic to all subsequent music-theory courses.

MUS 1450 Theory II

CREDIT HOURS 3.0

PREREQUISITES Score of 90 percent or higher on the School of Music Fundamentals Examination

COREQUISITES MUS 1540, MUS 1550, or MUS 2540

DESCRIPTION Continuing study of the materials and structure of music, including diatonic harmony, counterpoint, and form analysis.

MUS 1540 Aural Skills I

CREDIT HOURS 1.0

PREREQUISITES theory placement examination

COREQUISITES MUS 1440

DESCRIPTION Beginning study of sight singing, keyboard harmony and ear training, including melodic and rhythmic transcriptions and error detection within a diatonic framework.

MUS 1550 Aural skills II

CREDIT HOURS 1.0

PREREQUISITES MUS 1540 with grade of C or higher

COREQUISITES MUS 1440, MUS 1450, or MUS 2440

DESCRIPTION Study of sight singing, keyboard harmony, and ear training, including melodic and rhythmic transcription and error detection.

MUS 1710 Group Instruction in Piano I

CREDIT HOURS 1.0

PREREQUISITES consent of instructor

DESCRIPTION A unified approach to elementary piano instruction stressing the following skills: reading, harmonizing, chord patterns, transposing, and improvising. Includes work with solo and ensemble literature as well as technical patterns.

MUS 1720 Group Instruction in Piano II

CREDIT HOURS 1.0

PREREQUISITES MUS 1710 with grade of C or higher, or consent of instructor

DESCRIPTION Continuation of skills, literature, and technique introduced in MUS 1710 at a more advanced level.

MUS 1730 Group Instruction in Voice I

CREDIT HOURS 2.0

DESCRIPTION Fundamentals of vocal production. Development of technique through group and solo singing.

MUS 1740 Group Instruction in Voice II

CREDIT HOURS 2.0

DESCRIPTION Development of singing skills through appropriate level of repertoire and individual and group learning strategies. May be taken prior to or following MUS 1730.

MUS 1750 Group Instruction in Guitar I

CREDIT HOURS 2.0

PREREQUISITES consent of instructor

DESCRIPTION Beginning instruction of skills necessary to play the guitar.

MUS 1760 Group Instruction in Guitar II

CREDIT HOURS 2.0

PREREQUISITES MUS 1750 with grade of C or higher, or consent of instructor

DESCRIPTION A continuation of guitar methods and instruction.

MUS 2010 The Music Business for Jazz Musicians

CREDIT HOURS 1.0

DESCRIPTION Seminar to acquaint jazz musicians with employment in music performance. Professionals will address students on subjects including the club date business, building a private teaching studio, and the creation of a demo tape.

MUS 2300 Art and Music for Early Childhood

CREDIT HOURS 3.0

DESCRIPTION Not for art or music majors. Art and music content and teaching methods with an emphasis on integration into general classroom settings.

MUS 2440 Theory III

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher

COREQUISITES MUS 1550, MUS 2540, or MUS 2550

DESCRIPTION Continuation of common-practice chromatic harmony; study of post-common practice chromaticism including linear chords and remote modulation. Introduction to three-part counter- point and fugue.

MUS 2450 Theory IV

CREDIT HOURS 3.0

PREREQUISITES MUS 2440 with grade of C or higher

COREQUISITES MUS 2540 or MUS 2550

DESCRIPTION Analysis of music of the twentieth century to and beyond World War II. Concludes with a summary formal review of music of various style periods including study of concerto.

MUS 2490 Basic Conducting

CREDIT HOURS 2.0

PREREQUISITES MUS 1450 and MUS 1550 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction to beat patterns, baton technique, score reading, and rehearsal techniques.

MUS 2540 Aural Skills III

CREDIT HOURS 1.0

PREREQUISITES MUS 1550 with grade of C or higher

COREQUISITES MUS 1450, MUS 2440, or MUS 2450

DESCRIPTION Continuation of the two-year aural skills sequence. Introduction to chromatic materials and increasingly complex rhythms and meters.

MUS 2550 Aural Skills IV

CREDIT HOURS 1.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

COREQUISITES MUS 2440 or MUS 2450

DESCRIPTION Completion of the two-year aural skills sequence. Further study of chromatic materials; twentieth-century melody and harmony.

MUS 2710 Group Instruction in Piano III

CREDIT HOURS 1.0

DESCRIPTION Continuation of skills, literature, and technique from MUS 1720.

MUS 2720 Group Instruction in Piano IV

CREDIT HOURS 1.0

PREREQUISITES MUS 2710 with grade of C or higher, or consent of instructor

DESCRIPTION Continuation of skills, literature, and technique introduced in MUS 2710.

MUS 2780 Beginning Jazz Improvisation I

CREDIT HOURS 1.0

PREREQUISITES MUS 1440 and MUS 1540 with grade of C or higher, or consent of instructor

DESCRIPTION Topics include jazz nomenclature, chord and scale construction, ear training improvisation in major and dorian modes.

MUS 2790 Beginning Jazz Improvisation II

CREDIT HOURS 1.0

PREREQUISITES MUS 2780 with grade of C or higher, or consent of instructor

DESCRIPTION Topics include dominant function chords, bebop scales, pentatonic scales, II-V chord progressions, and standard song forms and blues forms.

MUS 3000 Recital I

CREDIT HOURS 0.0

PREREQUISITES Must be admitted to applied music study at the 3000 level

DESCRIPTION Half-hour public recital. This course may include a Signature Experience component.

MUS 3010 Basic Improvisation

CREDIT HOURS 1.0

PREREQUISITES MUS 2440 and MUS 2540 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction to improvisation, from chord-scale techniques to nonharmonic-based improvisation.

MUS 3050 New Music Ensemble

CREDIT HOURS 1.0

PREREQUISITES audition or consent of instructor

DESCRIPTION Chamber ensemble that performs primarily post-World War II music, but also some earlier music. Student compositions may be performed. Participation in New Music Week during Spring semester required.

MUS 3060 Wind Ensemble

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind literature of various periods and styles. May be repeated for credit. This course may include a Signature Experience component.

MUS 3061 Wind Orchestra

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of wind instrument/band repertoire representing various periods and styles. Open to music majors and non-majors. Prior playing experience and music reading ability required. Placement audition required. This course may include a Signature Experience component. (May be repeated for credit.).

MUS 3062 Concert Band

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of band repertoire representing various periods and styles. Open to music majors and non-majors. Audition required. Prior playing experience and music reading ability required. This course may include a Signature Experience component. May be repeated for credit.

MUS 3063 Marching Band

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument/visual equipment. Audition required. 1-3 credit hours.

MUS 3070 Orchestra

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of orchestral literature of various periods and styles. This course may include a Signature Experience component. May be repeated for credit.

MUS 3071 Collaborative Piano

CREDIT HOURS 1.0

DESCRIPTION Supervised accompanying and chamber music for pianists. Eligible students may count up to two semesters in lieu of large ensemble. May be repeated for credit.

MUS 3080 Choral Ensemble: Men’s Chours

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal and concert performance of men's choral literature of various periods and styles. This course may include a Signature Experience component. May be repeated for credit.

MUS 3080A Choral Ensemble: University Singers

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of choral literature of various periods and styles. This course may include a Signature Experience component. May be repeated for credit.

MUS 3080B Choral Ensemble: Vocal Jazz

CREDIT HOURS 1.0

DESCRIPTION Study and performance of vocal jazz ensemble repertoire.

MUS 3081 Choral Union

CREDIT HOURS 1.0

DESCRIPTION The Choral Union is open to all GSU students who want to sing in a choir. No audition is required. The Choral Union sings a wide variety of music and typically performs two concerts per semester.

MUS 3082 Women's Chorus

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and performance of repertoire for women's chorus. Open to music majors and non-majors. This course may include a Signature Experience component. (May be repeated for credit.).

MUS 3083 Master Singers

CREDIT HOURS 1.0

DESCRIPTION The Georgia State University Master Singers is an auditioned choral ensemble that sings repertoire of all styles and periods.

MUS 3090 Jazz Band

CREDIT HOURS 1.0

DESCRIPTION Study, rehearsal, and concert performance of jazz literature of various periods and styles. This course may include a Signature Experience component. May be repeated for credit.

MUS 3100 Opera Workshop

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION Basic techniques in acting and technical aspects of theatre that are utilized in the performance of an opera scene. This course may include a Signature Experience component.

MUS 3105 Acting for Singers

CREDIT HOURS 2.0

DESCRIPTION Development of the skills needed for new singing actors and actresses. Focus will be on the fundamentals of the stage and character development: stage direction, parts of the theater, subtext, imagination, inner motivation, adaptation, objectives, and movement within a musical framework.

MUS 3110 Brass Ensemble

CREDIT HOURS 0.5

PREREQUISITES consent of instructor

DESCRIPTION Performance of chamber music for brass instruments; includes historical and stylistic considerations and the study of ensemble performance problems. This course may include a Signature Experience component. May be repeated for credit for a maximum of four semester hours.

MUS 3120 Chamber Music for Strings

CREDIT HOURS 0.5

PREREQUISITES consent of instructor

DESCRIPTION Performance of chamber music for orchestral string instruments; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3130 Chamber Music for Woodwinds

CREDIT HOURS 0.5

PREREQUISITES consent of instructor

DESCRIPTION Performance of chamber music for woodwind instruments; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3140 Percussion Ensemble

CREDIT HOURS 0.5

PREREQUISITES consent of instructor

DESCRIPTION Performance of chamber music for percussion instruments; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3150 Guitar Ensemble

CREDIT HOURS 0.5

DESCRIPTION Performance of chamber music for guitar; includes historical and stylistic considerations and the study of ensemble performance problems. May be repeated for credit for a maximum of four semester hours.

MUS 3160 Jazz Combos

CREDIT HOURS 0.5

PREREQUISITES audition and consent of instructor

DESCRIPTION Rehearsal and performance of jazz literature for the small jazz combo (trio to sextet) with balanced instrumentation. Basic jazz improvisation, improving listening skills, combo arranging, and memorization of jazz "standards.".

MUS 3230 Brass Techniques

CREDIT HOURS 1.0

PREREQUISITES consent of instructor

DESCRIPTION Technique, literature, and notation for brass instruments. A comparative, homogeneous approach to performing on trumpet, horn, trombone, and tuba.

MUS 3240 String Techniques

CREDIT HOURS 1.0

PREREQUISITES consent of instructor

DESCRIPTION Technique, literature, and notation for string instruments. A comparative, heterogeneous approach to performing on violin, viola, cello, and bass.

MUS 3250 Woodwind Techniques

CREDIT HOURS 1.0

PREREQUISITES consent of instructor

DESCRIPTION Technique, literature, and notation for woodwind instruments. A comparative, homogeneous approach to performing on flute, clarinet, oboe, bassoon, and saxophone.

MUS 3260 Percussion Techniques

CREDIT HOURS 1.0

PREREQUISITES consent of instructor

DESCRIPTION Technique, literature, and notation for percussion instruments. A comparative, homogeneous approach to performing on drums, mallets, and auxiliary percussion instruments.

MUS 3310 Introduction to Music Education-CTW

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION Foundations of music teaching and learning, with emphasis on school settings. Issues, skills and knowledge applicable to general, choral, and instrumental music education. Includes observation and field experience.

MUS 3320 General Music in Early Childhood

CREDIT HOURS 3.0

PREREQUISITES admission to music education program, or consent of instructor

DESCRIPTION Principles and techniques for teaching music to children in preschool through fourth grade. Includes musical development of the young child, program goals and content, methods, and assessment strategies. Correlated with national standards in music education. Field experience in a school setting.

MUS 3330 General Music in Middle and Secondary Schools

CREDIT HOURS 3.0

PREREQUISITES admission to music education program, or consent of instructor

DESCRIPTION Principles and techniques for teaching general music in middle school and high school. Includes musical development of the adolescent, program goals and content, methods, and assessment strategies. Correlated with national standards in music education. Field experience in school setting.

MUS 3340 Choral Music in the Schools

CREDIT HOURS 3.0

PREREQUISITES admission to music education program, or consent of instructor

DESCRIPTION Overview of choral music education in school settings from elementary through high school. Applications of choral conducting, arranging, and vocal pedagogy. Vocal development among children and adolescents, building the choral program, selecting repertoire, classroom management, methods, and rehearsal techniques. Observation and field experience in school settings.

MUS 3358 Teaching Beginning Strings

CREDIT HOURS 2.0

PREREQUISITES MUS 3240 with grade of C or higher and MUS 3310 with grade of B or higher; or consent of instructor

DESCRIPTION Music education students must meet course prerequisites; performance students are restricted to those who have passed an audition for the School of Music and are admitted to the class by consent of instructor. Organizing and teaching beginning string programs for groups and individuals. Contextual emphasis on school settings, including recruiting/retention, program development, motivation, repertoire and methods assessment/evaluation, and major pedagogues. Teaching pedagogy consistent with national standards. Students will demonstrate ability to mode m primary and secondary instruments. Field experience in a school setting is required for music education students; performance students may select projects related to studio teaching.

MUS 3359 Teaching Beginning Winds and Percussion

CREDIT HOURS 2.0

PREREQUISITES MUS 3230, MUS 3240, MUS 3250, and MUS 3260 with grades of C or higher; and MUS 3358 with grade of B or higher; or consent of instructor

DESCRIPTION Music education students must follow published course prerequisites; performance student restricted to those who have passed an audition for the School of Music and are admitted to the class by consent of instructor. Organizing/teaching beginning band instruments for groups and individuals. Contextual emphasis on band programs in school settings. Includes recruiting/retention, program development, motivation, assessment/evaluation, repertoire and major methods, national standards, and major pedagogues. Students will peer-teach individuals and groups and will model on primary and secondary instruments. Field experience required for music education students. Performance students may elect field experience or projects related to studio teaching.

MUS 3360 Teaching Intermediate and Advanced Instrumental Music

CREDIT HOURS 3.0

PREREQUISITES MUS 3359 with grade of B or higher, or consent of instructor

DESCRIPTION Organizing and teaching band and orchestra at intermediate and advanced levels. Developing student musicianship repertoire, teaching/rehearsal techniques and materials, curriculum development, program development and organization, motivation scheduling, budgeting, inventory management, booster clubs, professional relationships, travel, competitions/festivals, discipline, student leadership, pyramid/feeder alignment, fundraising, and professional development. Demonstration of ability to model on primary instrument at intermediate and advanced levels. Required field experience in school setting.

MUS 4000 Recital II

CREDIT HOURS 0.0

PREREQUISITES must be admitted to applied music study at the 3000 level

DESCRIPTION One-hour public recital. This course may include a Signature Experience component.

MUS 4010 Performance Laboratory

CREDIT HOURS 0.0

DESCRIPTION Coached chamber ensemble and/or studio-class performance. Includes repertoire review, master classes, peer analysis and critique, and recital preparation. (May be repeated.).

MUS 4011 Singing in Italian and Latin

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the Italian and Latin languages on sight through the study of the International Phonetic Alphabet and its application to Italian vocal literature as well as vocal literature in Latin.

MUS 4021 Singing in German

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the German language on sight through the study of the International Phonetic Alphabet and its application to German vocal literature.

MUS 4031 Singing in French

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the French language on sight through the study of the International Phonetic Alphabet and its application to French vocal literature.

MUS 4041 Singing in English

CREDIT HOURS 1.0

DESCRIPTION Two lab classes per week. Developing the ability to pronounce the classical English language on sight through the study of the International Phonetic Alphabet and its application to English vocal literature.

MUS 4100 Jazz Combo Arranging

CREDIT HOURS 1.0

PREREQUISITES MUS 2400 with grade of C or higher, or consent or instructor

DESCRIPTION Concepts of arranging for small jazz group, jazz instrumentation, and nomenclature; concepts in jazz theory.

MUS 4110 Instrumentation and Orchestration

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 and MUS 2550 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Three lecture hours a week. Exploration of the technical capabilities and idiomatic performance practices of instruments found in the orchestra and the wind ensemble. Additional instruction in arranging and transcribing techniques for chamber ensembles, the orchestra, and wind ensemble.

MUS 4140 Arranging for Chorus

CREDIT HOURS 1.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Arranging for large and small vocal ensembles with and without accompaniment.

MUS 4170 Arranging for the Large Jazz Ensemble

CREDIT HOURS 1.0

PREREQUISITES MUS 4100 with grade of C or higher, or consent of instructor

DESCRIPTION Contemporary arranging techniques for rhythm section and two, three, and four wind instruments.

MUS 4180 Developing Rhythmic Sensitivity

CREDIT HOURS 1.0

PREREQUISITES MUS 2450 and MUS 2550 with grades of C or higher

DESCRIPTION Practical applications of concepts necessary to perform, teach, notate, and take dictation of beginning, intermediate, and advanced rhythmic patterns.

MUS 4210 Composition Seminar

CREDIT HOURS 2.0

PREREQUISITES MUS 1440 and MUS 1540 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Two lecture hours a week. Exploration of the processes and aesthetics of contemporary musical composition with additional topics to include a survey of contemporary music since 1960, advanced musical notation, advanced orchestration, and an exploration of the business of being a composer. Repeatable for credit and required of all students working in the composition area.

MUS 4220 Jazz Ensemble Techniques

CREDIT HOURS 2.0

DESCRIPTION Study and performance of current jazz ensemble techniques and materials for school use. Special emphasis on basic improvisation; understanding and performing jazz styles. Field experience with secondary pupils is required.

MUS 4250 Music in Special Education

CREDIT HOURS 3.0

DESCRIPTION Principles and strategies for teaching music to special-needs children. Methods for self-contained classes and inclusive classrooms. Includes planning, content, teaching strategies, and assessment.

MUS 4260 Practicum in Music Education

CREDIT HOURS 3.0

PREREQUISITES Approval of music education faculty

DESCRIPTION Part-time supervised teaching of music in school settings. This course may include a Signature Experience component.

MUS 4270 (TE) Student Teaching in Music

CREDIT HOURS 6.0

PREREQUISITES Approval of music education faculty

DESCRIPTION Full-time supervised teaching of music in school settings. This course may include a Signature Experience component.

MUS 4290 (TE) Senior Seminar in Music Education

CREDIT HOURS 3.0

PREREQUISITES Approval of music education faculty

DESCRIPTION Selected topics for beginning teachers, including classroom management; cooperative learning environments; student diversity; administration of music programs; program evaluation; national standards; and others, as appropriate. To be taken concurrently with MUS 4270 or MUS 4830.

MUS 4310 Internship in Music Education I

CREDIT HOURS 3.0

PREREQUISITES Approval of music education faculty

DESCRIPTION Part-time supervised on-the-job music teaching internship in a school setting. This course may include a Signature Experience component.

MUS 4360 Advanced Keyboard Skills

CREDIT HOURS 2.0

DESCRIPTION Development of advanced keyboard skills in sight playing, chord patterns, transposing, harmonizing classical, folk and popular melodies, arranging for keyboards, improvising; accompanying pedagogy majors waives the piano proficiency.

MUS 4410 Piano Pedagogy I

CREDIT HOURS 3.0

DESCRIPTION Approaches and materials for children and high-school students at the elementary and intermediate levels. Focus will include the job market, methods, curriculum building, musicianship training, technical development, practice strategies, ensemble playing, use of technology in teaching, and professional etiquette as a clinician/adjudicator.

MUS 4411 Piano Pedagogy II

CREDIT HOURS 3.0

PREREQUISITES MUS 4410 with grade of C or higher, or consent of instructor

DESCRIPTION Approaches and materials for the adult student at the beginner through advanced levels. Focus will include piano class teaching, methods, curriculum building, musicianship training, technical development, practice strategies, memorization, musical style and interpretation, ensemble playing, philosophical bases, piano laboratory technology, and professional etiquette as a clinician/ adjudicator.

MUS 4440 Vocal Pedagogy

CREDIT HOURS 2.0

DESCRIPTION Principles of vocal pedagogy and development of teaching skills in applied vocal instruction.

MUS 4450 Advanced Tonal Analysis

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Advanced structural and stylistic analysis of large one-movement and multi-movement works from the common-practice period.

MUS 4460 Analysis of Post-Tonal Music

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher

DESCRIPTION Three lecture hours a week. Theories of musical structure in the post-tonal idiom, with analytical applications to literature from major composers of the twentieth century. Compositional exercises will provide orientation to diverse styles and demonstrate creative applications of theoretical concepts.

MUS 4480 Choral Conducting

CREDIT HOURS 2.0

PREREQUISITES MUS 2490 with grade of C or higher, or consent of instructor

DESCRIPTION Conducting techniques, with and without the baton, that communicate the conductor's interpretation of the musical score to the performers.

MUS 4490 Instrumental Conducting

CREDIT HOURS 2.0

PREREQUISITES MUS 2450 and MUS 2490 with grades of C or higher, or consent of instructor

DESCRIPTION Advanced baton techniques, score reading and interpretation, and rehearsal procedures for instrumental conductors.

MUS 4500 Historical Counterpoint

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Exploration, through composition and analysis, of the style and contrapuntal techniques of the Renaissance (Palestrina-style modal counterpoint) and Baroque (Bach-style harmonic counterpoint).

MUS 4530 Accompanying

CREDIT HOURS 1.0

PREREQUISITES Keyboard proficiency

DESCRIPTION Developing musical sensitivity at the keyboard to enhance the performance of vocalists or instrumentalists. May be repeated for credit.

MUS 4610 Piano Literature

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION A comprehensive investigation of keyboard music from a historical and stylistic viewpoint, emphasizing major keyboard works and composers from the Baroque to the present.

MUS 4620 Vocal Literature

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION The art song and concert aria from Mozart to the present.

MUS 4640 Choral Literature

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Literature for large and small vocal ensembles, including madrigals, masses, motets; 1500 to the present.

MUS 4660 Dramatic Music

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher, or consent of instructor

DESCRIPTION History of dramatic music, principally opera and larger sacred works, from 1600 to the present.

MUS 4700 Seminar in Music History and Literature

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Selected topics in the history and literature of music.

MUS 4730 Computer Applications in Music

CREDIT HOURS 2.0

DESCRIPTION Basic computer literacy in music-related software programs for Macintosh and Windows operating systems. Word processing, graphics, music notation, and music sequencing will be studied, along with use of resources on the Internet.

MUS 4750 Group Instruction in Jazz Keyboard

CREDIT HOURS 1.0

PREREQUISITES MUS 2720 with grade of C or higher, or consent of instructor

DESCRIPTION One lecture and one lab hour per week. Basic and intermediate jazz keyboard realization. Harmonic, melodic, and rhythmic elements will be investigated. Principles of chord progressions, comping techniques, modes, extension tones, and bass lines for lead-sheet realization.

MUS 4760 Advanced Keyboard Harmony

CREDIT HOURS 1.0

DESCRIPTION Realization of figured bass, improvisation of chord progressions, transposition, instrumental score reading, and rhythm reading at the keyboard. Satisfies the requirements in keyboard proficiency for the concentration in music theory.

MUS 4770 Advanced Aural Skills

CREDIT HOURS 1.0

PREREQUISITES MUS 2550 with grade of C or higher, or consent of instructor

DESCRIPTION Two lecture hours a week. Continued development of aural skills, with particular emphasis on aural analysis and the transcription of chromatic music.

MUS 4790 Advanced Jazz Improvisation I

CREDIT HOURS 1.0

PREREQUISITES MUS 2780 with grade of C or higher, or consent of instructor

DESCRIPTION Jazz improvisation including compositional techniques, altered dominant scales, minor ii-v7s, ballad interpretation, memorization, and chord substitutions.

MUS 4791 Advanced Jazz Improvisation II

CREDIT HOURS 1.0

PREREQUISITES MUS 4790 with grade of C or higher, or consent of instructor

DESCRIPTION Continuation of MUS 4790. Advanced improvisation concepts and performance skills emphasizing composition, altered dominant scales, minor ii-v7s, ballad interpretation, memorization, and chord substitutions.

MUS 4792 Jazz Theory

CREDIT HOURS 2.0

PREREQUISITES MUS 2450 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Major and minor scale harmony; modulation, minor key analysis, dominants, reharmonization, and modal interchange.

MUS 4800 Music History from Antiquity through the Baroque Period

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher, or consent of instructor

DESCRIPTION An investigation of western art music from the late Christian era through 1740.

MUS 4810 Music History from the Classical Period to the Present-CTW

CREDIT HOURS 3.0

PREREQUISITES MUS 1450 with grade of C or higher, or consent of instructor

DESCRIPTION An investigation of western art music from 1740 through the contemporary era. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all music majors.

MUS 4820 World Music-CTW

CREDIT HOURS 3.0

DESCRIPTION Comparative survey of various non-western musical cultures. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all music majors.

MUS 4830 Internship Music Education II

CREDIT HOURS 6.0

PREREQUISITES Approval of music education faculty

DESCRIPTION Full-time, supervised on-the-job music teaching internship in a school setting. This course may include a Signature Experience component.

MUS 4850 Jazz Styles

CREDIT HOURS 2.0

PREREQUISITES MUS 2450 and MUS 2780 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Examines important events in musical figures in the evolution of jazz by analysis of playing styles, compositions and innovations that influenced the direction of jazz in the twentieth century. African roots of jazz and music of Armstrong, Morton, Ellington, Parker/Gillespie, Coltrane, and Miles Davis.

MUS 4890 Selected Topics

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION Discussion and readings on selected topics.

MUS 4910 Chamber Literature

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Literature for small string and wind chamber ensemble.

MUS 4940 Orchestral Literature

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with grade of C or higher, or consent of instructor

DESCRIPTION Orchestral literature from 1700 to 1900.

MUS 4941 Orchestral Literature II

CREDIT HOURS 3.0

PREREQUISITES MUS 2450 with a grade of "C" or higher, or consent of instructor

DESCRIPTION Standard symphonic repertoire from the years 1900 to 2000. Crosslist with MUS 6941 Orchestral Literature II. Identify specific works that have had a major impact upon the evolution of the symphony orchestra as an instrument.

MUS 4980 Electroacoustic Music Composition

CREDIT HOURS 3.0

PREREQUISITES MUS 4730 or MUS 6730 with grade of C or higher, or consent of instructor

DESCRIPTION Crosslist with MUS 6980. Investigation of methods of electroacoustic music composition using MIDI, hardware synthesizers, and software tools. Focus on unique tool development using the MAX programming environment and associated technologies. Approaches to advanced composition with electroacoustic means from both scientific and aesthetic perspectives. Required laboratory work.

MUS 4981 Computer Music

CREDIT HOURS 3.0

PREREQUISITES MUS 4730 with grade of C or higher, or consent of instructor

DESCRIPTION Introduction to software synthesis computer music using the Csound acoustic compiler. Survey of fundamental synthesis techniques, fundamentals of Csound programming, and strategies for sound design and composition. Required laboratory work.

MUS 4982 Advanced Topics in Computer Music

CREDIT HOURS 3.0

PREREQUISITES MUS 4981 with grade of C or higher, or consent of instructor

DESCRIPTION Advanced topics in software synthesis computer music using the Csound acoustic compiler. Survey of digital signal processing, advanced synthesis methods and score development. Course work culminates in a significant computer music project. Required laboratory work.

MUS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

MUA MUSIC APPRECIATION

MUA 1059 University Basketball Band

CREDIT HOURS 1.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument. Audition required.

MUA 1500 Jazz: Its Origins, Styles, and Influence

CREDIT HOURS 3.0

DESCRIPTION Study of the development of jazz from its origins to current trends, including stylistic periods such as New Orleans, swing, bop, cool, avant garde, and fusion. Emphasis on evolution of form, improvisational style, and influential artists.

MUA 1700 Beginning Piano for Non-Music Majors

CREDIT HOURS 2.0

DESCRIPTION Two lectures per week. A unified approach to beginning piano study. Skill development in reading music, harmonizing simple tunes, and improvising and transposing. Learning of simple solo and ensemble pieces as well as developing a good technical approach to the keyboard.

MUA 1800 Introduction to Guitar: Technique, Methods, and Styles

CREDIT HOURS 2.0

DESCRIPTION Principles of guitar performance, including folk, blues, rock, and classical styles. Chords and finger-picking. No prior experience necessary. Acoustic guitar required.

MUA 1900 Dramatic Music from the Renaissance through the Twentieth Century

CREDIT HOURS 3.0

DESCRIPTION For the general college student. A basic history of opera and musical theatre through lecture and listening. Ability to read music is not required.

MUA 1930 Music, Society, and Culture

CREDIT HOURS 3.0

DESCRIPTION The role of music, including its basic elements, forms, styles, and media, in modern culture. Interactive lectures, performance demonstrations, concerts, listening, and participation, including web-based learning. No prior musical experience required.

MUA 1950 World Music

CREDIT HOURS 2.0

DESCRIPTION Music acquires its meaning from culture. This introductory course is designed to explore a sampling of the world's musics and so as to understand their meanings within their unique cultural contexts. Global Perspectives Course.

MUA 1970 Rhythm ‘N’ Blues, Rock and Rap

CREDIT HOURS 3.0

DESCRIPTION Origin and development of contemporary popular music, with a focus on rhythm 'n' blues, rock and rap music.

MUA 3059 University Basketball Band

CREDIT HOURS 1.0

DESCRIPTION Repertoire, performance, and technique for enhancing school spirit and university athletic activities. Open to all university students who can perform at required level on an appropriate instrument. Audition required.

MUA 3500 Jazz: Its Origins, Styles, and Influence

CREDIT HOURS 3.0

DESCRIPTION Study of the development of jazz from its origins to current trends, including stylistic periods such as New Orleans, swing, bop, cool, avant garde, and fusion. Emphasis on evolution of form, improvisational style, and influential artists.

MUA 3800 Introduction to Guitar: Technique, Methods, and Styles

CREDIT HOURS 2.0

DESCRIPTION Principles of guitar performance, including folk, blues, rock, and classical styles. Chords and finger-picking. No prior experience necessary. Acoustic guitar required.

MUA 3810 History of African-American Music

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3810.) Musical and sociological survey of the origins and development of African-American music from its beginnings in Africa to its enculturation into the music of the Americas. Black folk music, blues, jazz, popular, religious, classical Black tradition, and performance practices will be discussed.

MUA 3900 Dramatic Music from the Renaissance through the Twentieth Century

CREDIT HOURS 3.0

DESCRIPTION For the general college student. A basic history of opera and musical theatre through lecture and listening. Ability to read music is not required.

MUA 3930 Music, Society, and Culture

CREDIT HOURS 3.0

DESCRIPTION The role of music, including its basic elements, forms, styles, and media, in modern culture. Interactive lectures, performace demonstrations, concerts, listening, and participation, including web-based learning. No prior musical experience required.

MUA 3950 World Music

CREDIT HOURS 2.0

DESCRIPTION Music acquires its meaning from culture. This introductory course is designed to explore a sampling of the world's musics and so as to understand their meanings within their unique cultural contexts.

MUA 3970 Rhythm ‘N’ Blues, Rock and Rap

CREDIT HOURS 3.0

DESCRIPTION Origin and development of contemporary popular music, with a focus on rhythm 'n' blues, rock and rap music.

MTM MUSIC TECHNOLOGY MANAGEMENT

MTM 3010 Introduction to the Music Industry

CREDIT HOURS 3.0

PREREQUISITES ENGL 1102 with grade of C or higher

DESCRIPTION Overview of music industry with emphasis on terminology, bibliographic materials, writing, and key concepts. Investigation of multiple career opportunities. Beginning instruction in music industry promotional methods.

MTM 3020 Promotion of Recorded Music

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Examines the environment in which record company promotion representatives operate and the techniques used to gain media exposure for their company's product. Emphasis on understanding the various radio formats and their agendas and preparing presentations that will have an impact on programming decisions.

MTM 3030 Marketing and Branch Sales in the Music Industry

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Introduction to the principles and methods of wholesaling, retailing, distribution, and promotion in the recording, print, and music-products industries. Day-to-day management of branch operations and the coordination of departments.

MTM 3040 Practicum

CREDIT HOURS 2.0

PREREQUISITES MTM 3010 with grade of C or higher, or consent of MTM faculty

DESCRIPTION Part-time supervised field experience in an approved music technology or management setting. This course may include a Signature Experience component.

MTM 3050 Legal Aspects of the Music Industry

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Copyrights, contracts, and legal considerations in recording, producing, artist representation, retail, and other areas of the music industry. Examination of well-known legal cases pertaining to the music industry.

MTM 3080 Internship

CREDIT HOURS 6.0

PREREQUISITES consent of MTM faculty

DESCRIPTION Full-time internship in a music technology or management setting. This course may include a Signature Experience component. May be repeated for credit.

MTM 3110 Introduction to Audio Recording

CREDIT HOURS 4.0

PREREQUISITES PHYS 1111K, PHYS 1112K, PHYS 2030K, and MUS 2440 with grades of C or higher and consent of instructor

DESCRIPTION Introduction to modern recording techniques and applications of recorded sound. Historic overview of recording focusing on development of consoles, tape machines, and related equipment. Psychophysics of sound and musical psychoacoustics as they relate to audio recording, including critical listening skills. Introduction to the laboratory recording equipment and techniques. Required laboratory work. Two lecture and two laboratory hours.

MTM 3120 Digital Audio Technology and Recording Techniques

CREDIT HOURS 4.0

PREREQUISITES MTM 3110, PHYS 1111K, PHYS 1112K, PHYS 2030K, and MUS 2440 with grades of C or higher and consent of instructor

DESCRIPTION Studio-based introduction to the vocabulary, techniques, and procedures used in professional recording environments. Audio theory, introduction to digital audio science, psychoacoustics, console operation, advanced microphone techniques, monitor systems, noise reduction, and analysis of association equipment and technical usage. Required laboratory work. Two lecture and two laboratory hours.

MTM 3130 Advanced Topics in Recording and Audio Production

CREDIT HOURS 4.0

PREREQUISITES MTM 3120, PHYS 1111K, PHYS 1112K, PHYS 2030K, and MUS 2330 with grades of C or higher and consent of instructor

DESCRIPTION Studio-based application of recording techniques including musical judgments in audio mixing, recording production, and post-production. Editing, mastering, and master recording preparation. Laboratory training in techniques for high-quality audio recording commensurate with commercial and artistic standards. Creation of a professional audio product through the development of independent recording sessions including selection of material and final editing and mastering. Required laboratory work. Two lecture and two laboratory hours.

MTM 3230 Audio Post-Production

CREDIT HOURS 4.0

PREREQUISITES MTM 3110 with grade of C or higher and consent of instructor

DESCRIPTION Introduction to the digital audio workstation as the central tool for audio post-production. Emphasis on random access editing for master preparation, applications to the broadcast fields, and related topics. Introduction to audio forensics and digital sign processing for sound reconstruction and enhancement. Introduction to compact-disc mastering. Digital filter theory, time-frequency manipulations, and software for audio post-production are also covered. Three lecture hours and three laboratory hours.

MTM 3300 Copyright and Music Publishing

CREDIT HOURS 3.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION An examination of the processes of songwriting and music publishing. Co-publishing and administration, performance and mechanical royalties, copyright law, income sources, contractual agreements, licensing, and foreign rights will be covered. Emphasis will be placed on how music publishing works in the print, broadcast media, film, video, recording and advertising industries.

MTM 3440 Entrepreneurship in the Music Industry

CREDIT HOURS 2.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Decision-making for starting a business; emphasis on business organization. Accounting methods, royalty statements, balance and income sheets, cash flow, operational and regulatory taxes, break-even analysis financing, project/financial/acquisition forecasting, touring and artist entity operations; creation of a business plan; topics include record labels, video, publishing, promotion, retail store, and recording studio business.

MTM 3450 Artist Representation

CREDIT HOURS 2.0

PREREQUISITES MTM 3010 with grade of C or higher

DESCRIPTION Responsibilities of the personal and business manager, booking agent, and other representatives as they relate to the development of artists' careers; topics include contract negotiation, promotional packages, and securing employment.

MTM 4900 Music Technology Final Project

CREDIT HOURS 3.0

PREREQUISITES MTM 3120 with grade of C or higher, and consent of instructor

DESCRIPTION Culminating project in music technology developed with faculty guidance.

MTM 4910 Music Management Senior Project

CREDIT HOURS 1.0

PREREQUISITES consent of MTM faculty

DESCRIPTION Culminating project for students in the music management concentration.

NSCI 3001 Integrated Science I: Physics and Astronomy

CREDIT HOURS 4.0

DESCRIPTION Integrated science sequence for middle school teachers. Description and causes of motion; work, energy and power; heat and the laws of thermodynamics; electricity and magnetism; waves and electromagnetic radiation; the structure of matter; cosmology; the Earth and other planets. An integrated laboratory is included.

NSCI 3002 Integrated Science II: Chemistry and Geology

CREDIT HOURS 4.0

DESCRIPTION Integrated science sequence for middle school teachers. Matter; atoms and atomic structure; chemical bonds; acids and bases; oxidation and reduction; organic; minerals; rocks and the rock cycle/geochemical cycles; plate tectonics. An integrated laboratory is included.

NSCI 3003 Integrated Science III: Geology and Biology

CREDIT HOURS 4.0

DESCRIPTION Integrated science sequence for middle school teachers. Surficial processes/hydrologic cycle; ecology, ecosystems, and the environment; strategies of life; molecules of life; the living cell; classical and modern genetics; geologic time; evolution. An integrated laboratory is included.

NEUR NEUROSCIENCE

NEUR 2000 Introduction to Neuroscience

CREDIT HOURS 2.0

DESCRIPTION Two lecture hours per week. An introduction to the neural basis of the mammalian nervous system, with emphasis on the structure and function of the human brain. Topics include the function of nerve cells, sensory systems, control of movement, learning and memory, and diseases of the brain. An Area F elective for Neuroscience Majors.

NEUR 2500 Introduction to Neurobiology and Behavior

CREDIT HOURS 2.0

PREREQUISITES BIOL 1104K, BIOL 1108K, or BIOL 2108K, and CHEM 1212K, all with grades of C or higher

DESCRIPTION Two lecture hours per week. An introduction to the neural basis of behavior in animals, emphasizing animal models and clinical approaches to demystify how the nervous system works. An Area F elective for Neuroscience Majors.

NEUR 3000 Principles of Neuroscience

CREDIT HOURS 4.0

PREREQUISITES BIOL 2108K and CHEM 1212K with a C or better

DESCRIPTION 4 lecture hours per week. Comprehensive basis for understanding brain research, major discoveries in neuroscience, and the methods employed for those achievements. Topics include the neural basis of learning and memory, sensory perception, motor control, neurological diseases, drug action, and behavior. Required for Neuroscience majors.

NEUR 3010 Neuroscience Laboratory

CREDIT HOURS 4.0

DESCRIPTION Pre- or corequisites: NEUR 3000 and MATH 2211, MATH 2212, MATH 2201, or MATH 2202, or any comparable higher-level math, with grades of C or higher. Two lecture and six laboratory hours a week. Laboratory techniques in neuroscience, including intra- and extracellular electrophysiology, computational methods, molecular and cellular neuroscience, neuroanatomy, immunocytochemistry, and neuroethology. Required for Neuroscience majors. 4.000 credit hours.

NEUR 3020 The Scientific Method in Neuroscience-CTW

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 with a grade of C or higher

DESCRIPTION Provides experience in research design, data analysis and written scientific communication needed for advanced neuroscience courses. Assignments emphasize the student's ability to express critical thinking through writing. Required for Neuroscience majors. Serves as one of two Critical Thinking through Writing (CTW) courses required of all Neuroscience majors. 4.000 credit hours.

NEUR 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

NEUR 4010 Cellular and Molecular Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 with a grade of C or higher

DESCRIPTION Topics include excitable membranes and cells, ion channels, synaptic transmission and plasticity, ion channels and receptors, neural development, and axon guidance. An elective for Neuroscience majors. 4.000 credit hours.

NEUR 4020 Cognitive Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000

DESCRIPTION Covers the neural basis of cognition, learning, emotion, memory and language and the methods used to investigate these areas of research.

NEUR 4030 Computational Neuroscience

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000, MATH 2201, MATH 2202 , PHYS 2211K, and PHYS 2212K with grades of C or better

DESCRIPTION A project-based course giving maximal exposure to model building and hypothesis testing. Each student will keep an electronic laboratory journal of simulation results, describing the scientific question, the model used, the specific simulations, including all parameter values, the results, analysis and interpretation. Each student will make 4 presentations of their work, one in each area covered during the course. An elective for Neuroscience majors.

NEUR 4040 Neuroethology

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 or BIOL 4102, or equivalent, with a grade of C or higher

DESCRIPTION Four lecture hours per week. The neural basis of behavior from an ethological perspective. The course will cover discoveries, techniques, and concepts underlying neuroethological research. Developmental, evolutionary and comparative approaches are emphasized. An elective for Neuroscience majors. 4.000 credit hours.

NEUR 4050 Statistics for Neuroscience

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or equivalent (BIOL 4010) with a grade of C or higher

DESCRIPTION This course provides an advance review of descriptive and inferential statistics as applied to neuroscience research questions. Topics include hypothesis-testing statistics, complex (multi-factor) designs, correlation, regression, multivariate methods and some non-parametric treatments. An elective for Neuroscience majors.

NEUR 4100 Developmental Neurobiology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 or equivalent with a grade of C or higher

DESCRIPTION Four lecture hours per week. Introduction to the development of the nervous system. Covers the field of developmental neurobiology from neural induction to the modification of neuronal connections in the adult nervous system and uses a variety of model organisms to demonstrate the rules by which nervous systems develop. An elective for Neuroscience majors. 4.000 credit hours.

NEUR 4115 Medical Neuroanatomy

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with a grade of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Human brain and spinal cord functional neuroanatomy and associated pathologies. Elective for Neuroscience majors. 4.000 credit hours.

NEUR 4150 Drugs and the Nervous System

CREDIT HOURS 3.0

PREREQUISITES PSYC 1100 and PSYC 2050 with grades of C or higher, or consent of instructor

DESCRIPTION This course provides an in-depth and advanced exploration of the neuronal and chemical mechanisms underlying psychoactive drug action as well as compulsive drug usage. The focus will be both on drugs of abuse as well as pharmacological interventions in neural/behavioral disorders. An elective for Neuroscience majors. 3.000 credit hours.

NEUR 4200 Neuroscience of Memory

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102

DESCRIPTION 3 lecture hours per week. An introduction to the neural bases of memory. The course begins with a review of the historical background, experimental methods, and relevant principles of neuroscience. The neuroscience of memory will then be reviewed at different levels of biological organization, including molecular/cellular, neural circuit, neural system, and behavioral. An elective for Neuroscience Majors. 3.000 Credit Hours.

NEUR 4330 Functional Neuroimaging

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Three lectures hours a week. Foundations of physics principles applied to brain processes, different imaging modalities, and neuroimaging data analysis methods. Topics include physiological basis of functional neuroimaging, physics of different imaging modalities (fMRI, PET, EEG, MEG, fNIR, TMS), experimental design, neuroimaging data analysis, and applications in cognitive neuroscience. This course is appropriate for graduate students in physics, chemistry, biology, neuroscience, psychology, mathematics, statistics, and computer science with an interest in the use of functional neuroimaging.

NEUR 4340 Neurophysics

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000, and PHYS 2212K with grade of B or higher, or equivalent, or consent of instructor

DESCRIPTION Three lecture hours per week. Course provides fundamental findings of physics of neuronal systems. The course covers such topics as introduction to biomechanics, membranes, transport, electroosmotic effects, ion pumping, cellular homeostasis, the Hodgkin-Huxley formalism, energetics of spiking, neural coding, and dynamics of neurons and neuronal networks. It also covers methods of recording of neuronal activity. 3.000 Credit Hours.

NEUR 4350 Numerical Methods for Neuroscience

CREDIT HOURS 3.0

PREREQUISITES MATH 4010 (Mathematical Biology) or MATH 4610 (Numerical Analysis) or MATH 4275 (Applied Dynamical Systems)

DESCRIPTION This class develops hands-on practical skills in numerical problem solving for dynamical systems models applied to neuroscience. Students will design and test complex scientific calculations using various software tools, including the application of bifurcation analysis, phase plane analysis, and simulation tools. Students will undertake three projects to demonstrate such calculations.

NEUR 4360 Mathematical Biology

CREDIT HOURS 3.0

PREREQUISITES Grade of C or higher in MATH 2212 or MATH 2202

DESCRIPTION This course provides an introduction to the use of continuous and discrete differential equations in the biological sciences. Biological topics will include single species and interacting population dynamics, modeling infectious and dynamic diseases, regulation of cell function, molecular interactions and receptor-ligand binding, biological oscillators, and an introduction to biological pattern formation. There will also be discussions of current topics of interest such as Tumor Growth and Angiogenesis, HIV and AIDS, and Control of the Mitotic Clock. Mathematical tools such as phase portraits, bifurcation diagrams, perturbation theory, and parameter estimation techniques that are necessary to analyze and interpret biological models will also be covered. 3. 000 Credit Hours.

NEUR 4370 Applied Dynamical Systems

CREDIT HOURS 3.0

PREREQUISITES MATH 3260 and MATH 3435

DESCRIPTION An introduction to discrete and continuous dynamical systems. Topics include: phase space; linear and nonlinear systems; structural stability; classification of equilibrium states, invariant manifolds; Poincar maps, fixed points and period orbits; stability boundaries; local bifurcations; homoclinic orbits; routes to chaos in dissipative systems; applications from physics, biology, population dynamics, economics.

NEUR 4420 Hormones and Behavior

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION Four lecture hours per week. Interaction of nervous and endocrine systems in the control of animal behavior, including humans, with emphasis on the mechanisms that adapt behavior to the changing physical and social environments. An elective for Neuroscience majors. 4.000 credit hours.

NEUR 4576 Neurovirology

CREDIT HOURS 4.0

PREREQUISITES BIOL 3800 with grade of C or higher

DESCRIPTION Following an introduction to basic neuroanatomy and neuroimmunology, individual lectures will focus on the diagnosis, treatment, and pathogenesis of several neurologic diseases of virus origin. These include encephalitis, meningitis, chronic inflammatory and demyelinating diseases, HIV/AIDS-associated dementia, peripheral neuropathies, retinitis, and transmissible spongiform encephalopathies caused by prions. The concept of virus latency within the nervous system will be emphasized, as will the possible contributions of viruses or prions toward the onset of Alzheimer's disease. 4.000 Credit hours.

NEUR 4610 Neurorobotics

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000 with grade of C or higher

DESCRIPTION Four lecture hours per week. This course will examine how the principles of neuroscience enable animals and humans to respond adaptively, and how the principles can be applied to create an autonomous, adaptively behaving robot. Students will apply these principles to create their own computational model of an animal or autonomous robot that can respond adaptively to challenges in its environment.

NEUR 4700 Neural Plasticity

CREDIT HOURS 4.0

PREREQUISITES NEUR 4010 or BIOL 4102, or equivalent, with a grade of C or higher

DESCRIPTION Four lecture hours per week. Phenomenology and mechanisms of experience-dependent changes in the nervous system. The course will examine plasticity at many levels of analysis, from synaptic mechanisms to clinical strategies, and from molecular neuroscience to cognitive psychology. An elective for Neuroscience majors. 4.000 credit hours.

NEUR 4770 Moral Psychology

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 or BIOL 4102 and one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION 3 lecture hours per week.
This course examines literature and explores various connections between scientific work and philosophical questions in moral psychology. The course also examines the rich historical literature in philosophy and psychology that sets the stage for the modern debates.

NEUR 4780 Neuroethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Neuroethics considers ethical protocols for conducting neuroscientific research and addressing the ethical implications of emerging neuroscience technologies that allow, for instance, cognitive enhancement and direct manipulation of the brain. 3 credit hours.

NEUR 4870 Honors Thesis: Research

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

NEUR 4880 Honors Thesis: Writing

CREDIT HOURS 3.0

PREREQUISITES NEUR 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

NEUR 4910 Topics in Neuroscience-CTW

CREDIT HOURS 4.0

PREREQUISITES NEUR 3000, NEUR 3010, and NEUR 3020 with grades of C or better

DESCRIPTION An in-depth treatment of a specific topic in neuroscience, using this topic to develop skills in research design, data analysis, and written communication of results, emphasizing students' ability to express critical thinking through writing. Required for Neuroscience majors. Serves as one of two Critical Thinking through Writing (CTW) courses required of all Neuroscience majors.

NEUR 4960 Careers in Neuroscience

CREDIT HOURS 2.0

PREREQUISITES A grade of C or better in NEUR 3020 or consent of instructor

DESCRIPTION Two lecture hours per week. The Careers in Neuroscience is designed to be an engaging and interesting way to learn to help Neuroscience majors learn about different careers and opportunities in science.

NEUR 4980 Undergraduate Research in Neuroscience

CREDIT HOURS 1.0 TO 5.0

PREREQUISITES NEUR 3000, NEUR 3020, and three additional hours of neuroscience courses with grades of C or higher, and the consent of the instructor

DESCRIPTION Independent laboratory investigation of common interest to student and instructor. May be repeated once. For Neuroscience majors and minors. Up to 3 hours can satisfy neuroscience-related elective requirements. This course may include a Signature Experience component.

NURS 2010 Health and Human Development Across the Lifespan

CREDIT HOURS 3.0

DESCRIPTION This course focuses on development and health concepts across the lifespan with the context of physical, cognitive, social, and emotional domains.

NURS 2040 Conceptual Foundations of Nursing and Trends

CREDIT HOURS 1.0

PREREQUISITES Admission to the School of Nursing, Biology 1110K, Biology 1120K, English 1101, English 1102, Chemistry 1151K, Chemistry 1152K, MATH 1111, Psychology 1101

DESCRIPTION The course is an introduction to the nursing profession which provides the student with requisite knowledge that subsequent nursing courses build upon. It is designed to facilitate the student's acquisition of knowledge and understanding regarding the profession. Topics will include historical influences, current issues ethical issues, trends, professionalism, governance, and nursing theorists.

NURS 2060 Pathophysiological Concepts in Nursing

CREDIT HOURS 3.0

PREREQUISITES Admission to the nursing program, Biology 1110, Biology 1120, two semesters of a general lab science, Biology 2300/2310

COREQUISITES NURS2040

DESCRIPTION The course will focus on pathophysiological processes of common diseases and will be organized by body system. An understanding of normal physiology concepts is essential for successful completion of the course.

NURS 2061 Pharmacology

CREDIT HOURS 3.0

PREREQUISITES Biology 1110K, Biology 1120K, two semesters of a general lab science, Biology 2300/2310 and acceptance into the nursing program

COREQUISITES NURS2040, NURS2060

DESCRIPTION This course is designed to introduce the student to the basic principles of pharmacotherapeutics, pharmacodynamics and pharmacokinetics, in order to equip the student to safely administer drugs, assess drug therapy and educate clients in all clinical settings.

NURS 2080 Basic Concepts of Nursing Care

CREDIT HOURS 3.0

COREQUISITES NURS2040, NURS2060, NURS2061, NURS2160

DESCRIPTION Prerequisite for all nursing students: Acceptance into the nursing program. This course will examine the nurse's role in health promotion, disease prevention, and restoration of health. In various settings, students will explore the basic concepts of nursing care across the life span. The nursing process will be utilized to plan care for common clinical phenomena. This class has been identified by the Byrdine F. Lewis School of Nursing and Health Professions as a Critical Thinking through Writing course (CTW) for the nursing major.

NURS 2160 Basic Health Assessment and Nursing Skills

CREDIT HOURS 6.0

PREREQUISITES acceptance into the nursing program

COREQUISITES NURS 2040, NURS 2060, NURS 2061, NURS 2080 and SNHP 3000

DESCRIPTION The course is designed to facilitate the student's acquisition of both health assessment and basic nursing skills and mastery of basic drug calculations. It is composed of three distinct components: health assessment and basic skills theories, and laboratory/clinical performance. In order to pass the course students must pass all three components. Under faculty supervision, the student develops and refines professional practice. (4 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 2220 Verification of Nursing Knowledge and Nursing and Health Assessment Skills

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES NURS 2160 or equivalent

DESCRIPTION This course focuses on assisting pre-licensure students to prepare for verification of previous nursing knowledge and/or nursing skills so they can re-enter or transfer in to the undergraduate program in the Byrdine F. Lewis School of Nursing (BFLSON). The student and faculty will determine the appropriate credit hour allocation based on previous nursing courses completed and the nursing knowledge and/or nursing skills that need to be confirmed.

NURS 3060 Pathophysiology for Professional Nursing Practice for RNs

CREDIT HOURS 3.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course is designed to facilitate the professional Nurse's understanding of selected pathophysiological concepts and their relationship to nursing care of clients. The course will build on previously learned principles of basic anatomy and physiology. Selected pathophysiological principles will be applied to various disease states with an emphasis on the relationship between these concepts and the nursing care of clients.

NURS 3300 Human Services Policy, Planning and Trends

CREDIT HOURS 3.0

PREREQUISITES NURS2040, NURS2060, NURS2061, NURS2080, NURS2160

DESCRIPTION This course focuses on the complex forces that influence health policy and program planning. Emphasis is placed on ecological, economic, ethical, legal, and social issues. The role of the nurse as an advocate for the civil and social rights and health care issues of the public is addressed.

NURS 3310 Policy, Planning and Trends for RNs

CREDIT HOURS 3.0

PREREQUISITES Admission to the RN-BS Completion Program

DESCRIPTION This course focuses on the complex forces that influence Public policy and program planning. Emphasis is placed on ecological, political, economic, and social issues and the role of the practitioner as advocate for the civil and social rights of the public. These components provide insight into future trending, forecasting and program planning in the public sector.

NURS 3490 Professional Nursing Concepts for RNs

CREDIT HOURS 2.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course is designed to enhance the Registered Nurse's perception of the role of the professional practitioner in meeting the health needs of society. Selected issues and trends in nursing will be examined and their relationship to professional nursing practice will be analyzed. Topics will include a wide range of selected issues driven by the current professional and social environment. Graduates of diploma nursing and associates degree programs will be awarded college credit for successful validation of the basic nursing knowledge as part of this course.

NURS 3500 Research Methods

CREDIT HOURS 3.0

COREQUISITES NURS3610, NURS3710

DESCRIPTION This course will examine evidence-based practice research in the provision of patient-centered care. Students will gain an overview of major research concepts as applied to health care. Emphasis is placed on critical evaluation of published and empirical research.

NURS 3510 Caring for Adult Populations

CREDIT HOURS 6.0

PREREQUISITES NURS 2010, NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160, and SNHP 3000

COREQUISITES NUTR 3200

DESCRIPTION The course focuses on the nursing knowledge and skills needed to care for adults in acute care settings with the goals of assisting individuals and their families in promotion, maintenance, and restoration of optimal patterns of health. Under faculty supervision, the student develops and refines professional practice.

NURS 3520 Research Methods for RNs

CREDIT HOURS 3.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course is designed to provide the Registered Nurse with an overview of the major research concepts as applied to theprofession of nursing. Emphasis is on how to critically evaluate and apply published and empirical research. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all nursing majors.

NURS 3610 Caring for Childbearing Families

CREDIT HOURS 5.0

PREREQUISITES NURS2010, NUTR3200, NURS2040, NURS2060, NURS2061, NURS2080, NURS2160, SNHP3000, NURS3510, NURS3810

COREQUISITES NURS3500 or SNHP3500

DESCRIPTION The course focuses on the application of nursing knowledge and skills in the care of women and childbearing families. The goal is to foster health promotion, maintenance, and/or restoration of optimal patterns of health. Emphasis is given to early detection and intervention of altered health patterns for women throughout their lifespan and during the childbearing period. Under faculty supervision, the student develops and refines professional practice. (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 3710 Caring for Children and Adolescents

CREDIT HOURS 5.0

PREREQUISITES NURS2010, NUTR3200, NURS2040, NURS2060, NURS2061, NURS2080, NURS2160, SNHP3000, NURS3510, NURS3810

COREQUISITES NURS3500 or SNHP3500

DESCRIPTION The course focuses on the application of nursing knowledge and skills needed to safely care for children and their families. The goal is to foster health promotion, maintenance, and/or restoration of optimal patterns of health. Under faculty supervision, the student develops and refines professional practice. (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 3810 Psychiatric/Mental Health Care for Populations

CREDIT HOURS 5.0

PREREQUISITES NURS 2010, NURS 2040, NURS 2060, NURS 2061, NURS 2080, NURS 2160, SNHP 3000 and PSYC 3140

COREQUISITES NUTR 3200

DESCRIPTION The course focuses on the application of nursing knowledge and skills in the care of individuals whose health patterns are associated with mental illness. The course builds upon requisite knowledge of therapeutic use of self, knowledge and application of the nursing process, principles and concepts of cultural diversity, communication theory, and psychopharmacology. The major focus of the clinical component is on developing the student's ability to provide evidence-based patient-centered care in a holistic manner to individuals whose health patterns are associated with mental illness. Under faculty supervision, the student develops and refines professional practice (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]).

NURS 3980 Health Assessment for RNs

CREDIT HOURS 2.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course builds on the Registered Nurse's knowledge and clinical experience in developing comprehensive health and physical assessment skills. Emphasis will be placed on the use of critical thinking skills in the differentiation of normal and abnormal physical findings. The course will also focus on interviewing patients and obtaining health histories.

NURS 4000 Global Health: Clinical and Community Care

CREDIT HOURS 3.0

PREREQUISITES NURS 2040, NURS 2061, NURS 2080, NURS 2160, NURS 3510, NURS 3810

COREQUISITES NURS 3610, NURS 3710

DESCRIPTION This course provides a historical, cultural and sociopolitical perspective of health and health care in Central America. Students will increase their knowledge of different cultures, health care and differing health care systems. Within this context, students will focus on individuals' health, the health of the communities in which they live, and how the health of the community impacts the health of the individual. Students will apply evidence-based nursing practice to the goal of improving health at the individual and population levels through an emphasis on health promotion, disease prevention and health education. Under faculty supervision, students develop and refine clinical practice. Successful completion of this course serves as a prerequisite for the study abroad trip to Nicaragua.

NURS 4040 Directed Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of the instructor

DESCRIPTION The course provides the student with an opportunity to complete readings and/or literature review on a special topic in nursing under the guidance of an instructor with expertise in the selected topic area. The student may elect to complete one to three credit hours of study.

NURS 4210 Introduction to Critical Care

CREDIT HOURS 3.0

PREREQUISITES NURS 3510 and NURS 3810

COREQUISITES NURS 3610 and NURS 3710

DESCRIPTION This course focuses on nursing care of critically ill patients and families. Emphasis is placed on day-to-day knowledge required of a critical care nurse, such as assessments and interventions related to pathophysiology, pharmacology and technology.

NURS 4510 Caring for Families and Communities

CREDIT HOURS 5.0

PREREQUISITES NURS 3510, NURS 3610, NURS 3710, NURS 3810, NURS 3500 or SNHP 3500 for undergraduate pre-liscensure students

DESCRIPTION Prior to Master's work for RN-MS students. The course focuses on the acquisition and application of evidenced-based nursing practice with the goal of improving health at the individual and population levels. Emphasis is placed on health promotion and disease and injury prevention in collaboration with the client and key stakeholders. Under faculty supervision, the student develops and refines professional practice (3 hrs didactic credit; 2 hrs clinical credit [90 clinical contact hrs]). This course may include a Signature Experience component.

NURS 4600 Leadership and Management in Nursing

CREDIT HOURS 3.0

PREREQUISITES NURS 3500 or SNHP 3500, NURS 3510, NURS 3610, NURS 3710 and NURS 3810

DESCRIPTION (Critical Thinking Through Writing). This course focuses on the transition from the student role to the professional nurse role and the application of principles of leadership and management in health care delivery systems. Emphasis is placed upon the student assuming responsibility for nursing practice decisions and actions. This class has been identified by the Byrdine F. Lewis School of Nursing and Health Professions as a Critical Thinking through Writing course (CTW) for the nursing major.

NURS 4610 Senior Practicum

CREDIT HOURS 4.0

PREREQUISITES NURS 3510, NURS 3610, NURS 3710, NURS 3810, SNHP 3500 or NURS 3500

DESCRIPTION The course focuses on the transition to professional nursing practice. Working with a nurse preceptor, the student assumes the role of the registered nurse and provides patient-centered care that is based on current evidence-based practice. (Clinical contact hours: 180 hours). This course may include a Signature Experience component.

NURS 4620 Complex Health Care Problems Across the Lifespan

CREDIT HOURS 3.0

PREREQUISITES NURS 3510, NURS 3610, NURS 3710, NURS 3810, SNHP 3500 or NURS 3500

DESCRIPTION This course focuses on the application of evidence-based practice with complex health care problems across the lifespan. The nurse's role in development, initiation, and evaluation of patient-centered care is emphasized.

NURS 4630 Leadership and Management in Nursing

CREDIT HOURS 3.0

PREREQUISITES Must be a Registered Nurse (RN)

DESCRIPTION The Leadership and Management in Nursing course is for registered nurses (RNs). The course focuses on the development, design and application of principles of leadership and management of health care delivery systems. Emphasis is placed upon assuming responsibility for nursing practice including decision making and nursing actions. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Nursing majors.

NURS 4640 Nursing Informatics for RNs

CREDIT HOURS 3.0

PREREQUISITES Acceptance to the RN-BS program

DESCRIPTION This course will explore healthcare informatics, current issues and basic Informatics concepts. Emphasis will be placed on information/data management and the use of technology to improve patient safety and work effectiveness.

NURS 4910 Caring for Families and Communities

CREDIT HOURS 5.0

PREREQUISITES Admission to the RN-BS Completion Program

DESCRIPTION This course focuses on the acquisition and application of evidenced-based nursing practice with the goal of improving health at the individual and population levels. Emphasis is placed on health promotion, disease and injury prevention in collaboration with the client and key stakeholders. Under faculty supervision, the student refines professional practice.

NURS 4930 Synthesis of Professional Nursing Practice for RNs

CREDIT HOURS 6.0

PREREQUISITES NURS 3980, NURS 3490, NURS 3310, NURS 4910, NURS 3520, NURS 3060

COREQUISITES NURS 4630, NURS 4640

DESCRIPTION This course focuses on Critical examination, synthesis, and evaluation of professional nursing care. Strategies are developed to facilitate synthesis of professional nursing roles including the nurse researcher, teacher, manager, advocate, and care provider. Students will also participate in dialogue of ethical-legal issues affecting various professional nursing roles. Continuous self-evaluation of professional role synthesis is emphasized.

NUTR 2100 Principles of Nutrition

CREDIT HOURS 3.0

PREREQUISITES Students in the Health Professions, Nursing, Biology, and Chemistry Majors, or by permission of instructor

DESCRIPTION The course is designed to provide undergraduate students with a basic knowledge of nutrients and energy, and the scientific basis of nutrient requirements. The course will also provide students with information on nutrient associations with disease and principles for applying scientific nutrition principles to contemporary nutrition issues.

NUTR 3000 Introduction to the Profession of Nutrition

CREDIT HOURS 2.0

PREREQUISITES Consent of instructor

DESCRIPTION Through class discussion, visits from practitioners, and faculty lectures, students are introduced to the present and projected roles of dietitians and nutritionists. Medical terminology, professional organization membership, and ethical behavior in nutrition and dietetics are discussed.

NUTR 3010 Introduction to Research

CREDIT HOURS 3.0

PREREQUISITES Junior standing or consent of instructor

DESCRIPTION The course is designed to introduce students to the elements of research design and evidence-based practice and to gain competence in the evaluation of research as well as the application of some of the conceptual elements of research problem development and the design of reasonable research approaches. Main outcome is to enable students to become critical consumers of the professional literature. Class discussions, student assignments, guest lectures, and library visits are used throughout the course to enrich the learning experience of students. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Nutrition majors.

NUTR 3100 Nutrition and Health

CREDIT HOURS 3.0

DESCRIPTION Students are introduced to basic knowledge about nutrients and energy, selecting foods of high nutrient density, and identifying truths and untruths among advertised claims for food products. Current controversial issues such as supplementation, popular diets, and nutrition related diseases are also examined. Open to all university students.

NUTR 3150 Food Science I

CREDIT HOURS 3.0

PREREQUISITES CHEM 1152K, NUTR 3100

DESCRIPTION Basic food science terminology and concepts, including food choice determinants, sensory evaluation, food composition, food economics, food guidance tools, and food safety are examined.

NUTR 3160 Food Science II

CREDIT HOURS 4.0

PREREQUISITES NUTR 3150

DESCRIPTION Three lecture hours, one lab hour. Food ingredients and processes, including selection, storage, use, preparation, and safety of food commodities functions of food additives, packaging, and preservation techniques are covered in this course.

NUTR 3170 Food Safety and Sanitation

CREDIT HOURS 3.0

PREREQUISITES NUTR 3150 or consent of instructor

DESCRIPTION This on-line course introduces the student to the characteristics of food borne illnesses and of their causal agents, including bacteria, parasites, viruses, and natural toxicants. Testing of chemicals added to foods is also included.

NUTR 3200 Introduction to Clinical Nutrition

CREDIT HOURS 2.0

PREREQUISITES BIOL 1110, BIOL 1120

DESCRIPTION The study of basic principles of human nutrition and application within the concepts of wellness, primary prevention, and illness are topics of this course. This course is designed only for students in the nursing program.

NUTR 3300 Nutrition and Health for Health Professionals

CREDIT HOURS 3.0

PREREQUISITES Biol 1110, 1120

DESCRIPTION The study of basic principles of human nutrition and application within the concepts of wellness, primary prevention, and illness are topics of this course. This course is designed for pre-nursing students. It can substitute for NUTR 3200 once in the nursing program.

NUTR 3500 Nutrition and Metabolism

CREDIT HOURS 3.0

PREREQUISITES NUTR 3700

DESCRIPTION Nutrients essential for the human are examined with emphasis on functions, metabolism and factors affecting utilization. The effect of nutrients on biochemical process is the focal point of this course.

NUTR 3600 Normal Nutrition through the Life Cycle

CREDIT HOURS 3.0

PREREQUISITES NUTR 3100 or consent of the instructor

DESCRIPTION This course includes nutrition assessment, physical growth and development, and the physiological basis for nutrient needs in pregnancy, lactation, infancy, childhood, adolescence, adulthood, and senescence. Age specific dietary recommendations for optimal health and disease prevention are components of this course.

NUTR 3700 Medical Biochemistry Principles

CREDIT HOURS 3.0

PREREQUISITES BIOL 1120 and CHEM 1152

DESCRIPTION Medical Biochemistry Principles. This course is an introduction to the chemical events occurring in the human body, with attention to the etiology and clinical manifestation of disease associated with certain metabolic errors.

NUTR 3800 International Nutrition

CREDIT HOURS 3.0

PREREQUISITES Permission of Instructor

DESCRIPTION The course will provide the student with the opportunity to understand major issues in international nutrition that influence health, survival, and development capacity of people living in developing societies and various approaches to improving nutritional well-being of those populations.

NUTR 3810 Interpretation of Clinical Laboratory Values for Health Professionals

CREDIT HOURS 3.0

PREREQUISITES Inorganic chemistry with lab, organic chemistry with lab, AND EITHER human physiology OR biochemistry

DESCRIPTION The course will provide the student with the opportunity to understand the interrelationships between clinical laboratory test results and the disease process occurring in the patient. Laboratory values from hematology, clinical chemistry and urinalysis, and microbiology/immunology will be interpreted for infectious diseases, liver diseases, kidney diseases, hematologic disorders, and metabolic disorders. Appropriate case studies will be used to illustrate clinical significance.

NUTR 4000 Food and Culture

CREDIT HOURS 3.0

PREREQUISITES NUTR 3100 or consent of instructor

DESCRIPTION This course examines the influence of culture, ethnicity, and religion on food selection, dietary intake and nutrition, and health status, and includes the development of culturally-sensitive nutrition interventions. Global Perspectives Course.

NUTR 4105 Geriatric Nutrition

CREDIT HOURS 3.0

PREREQUISITES BIOL 1110K & BIOL 1120K or BIOL 2107K & BIOL 2108K, NUTR 3500

DESCRIPTION A systems approach is used to discuss macro-nutrient requirements in human aging. Topics covered include nutrition assessment, nutrition in chronic disease management, health promotion and disease prevention, food intake patterns, and federal and state nutrition services for older adults.

NUTR 4200 Medical Nutrition Therapy I

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500

DESCRIPTION This course introduces students to medical nutrition therapy through evidence-based practice. Medical nutrition therapy for the prevention and treatment of the following conditions is covered: nutritional anemias, arthritis, cancer, cardiovascular disease, diabetes, eating disorders, food allergies, human immunodeficiency virus, hypertension, metabolic disorders, obesity and osteoporosis. For each condition, nutrition assessment and food and nutrient interactions with commonly prescribed medications are discussed, as well as complementary and alternative therapies.

NUTR 4250 Medical Nutrition Therapy II

CREDIT HOURS 3.0

PREREQUISITES NUTR 4200

DESCRIPTION This course introduces students to medical nutrition therapy through evidence based practice. Medical nutrition therapy for the prevention and treatment of the following conditions is covered: gastrointestinal, liver, gallbladder, pancreas, renal trauma, pulmonary and special feeding techniques. For each condition, nutrition assessment and food and nutrient interactions with commonly prescribed medications are discussed, as well as complementary and alternative therapies.

NUTR 4300 Nutrition Intervention I

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500

DESCRIPTION This course focuses on the application of a helping model and interviewing and counseling skills to help clients achieve and maintain dietary behavior change. The course includes factors influencing dietary intake and adherence, interpersonal relationship skills, and the use of different counseling theories and strategies.

NUTR 4400 Nutrition Intervention II

CREDIT HOURS 3.0

PREREQUISITES NUTR 4300

DESCRIPTION This course focuses on community assessment and design, implementation, and evaluation of community-based nutrition interventions for specific target groups. This course includes US government food and nutrition programs and the policy-making process.

NUTR 4500 Organization and Management of Nutrition Services

CREDIT HOURS 3.0

PREREQUISITES NUTR 3500

DESCRIPTION The study and application of principles and fundamentals of organization and management of nutrition programs are components of this course. Management theories and principles are presented in the context of the environment and how they affect achievement of quality programs.

NUTR 4600 Food Service Systems

CREDIT HOURS 3.0

PREREQUISITES NUTR 4500

DESCRIPTION The course focuses on the administrative aspect of a food service system including financial management, human resource planning, safety and sanitation, and energy and environmental issues. Practical experiences are provided in menu planning, nutrient analysis, and food service systems analysis.

NUTR 4950 Senior Seminar

CREDIT HOURS 3.0

PREREQUISITES NUTR 4200

DESCRIPTION Students select a nutrition and dietetics related research question and utilize research, critical thinking, and written and oral communication skills to develop a written individual topic summary and group position paper on the question. The course focuses on the scientific basis of the dietetics profession and includes research methodology, interpretation of research literature, and the integration of research principles into evidence-based practice. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Nutrition majors.

NUTR 4955 Nutrition, Physical Activity, and Wellness

CREDIT HOURS 3.0

PREREQUISITES NUTR 3000 or NUTR 3600 or consent of instructor

DESCRIPTION This course provides an overview of the epidemiology, physiology, chronic disease implications, and current state of preventive and therapeutic interventions for wellness in adults and children, including public health policy approaches to healthy nutrition and physical activity promotion and issues in physical activity measurement.

NUTR 4960 Nutrition and Physical Fitness

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION This course is directed toward the specific roles of energy and nutrients in physical performance. Topics include faddism, quackery, and common myths associated with nutritional management of the athlete. Appropriate strategies for weight change, unique dietary concerns for the female, endurance and vegetarian athletes, the pre-game meal, and the interrelationships among nutrition, physical activity and cardiovascular health are also explored.

NUTR 4970 Nutrition and the Media

CREDIT HOURS 3.0

PREREQUISITES NUTR 3100 and SPCH 1000 or consent of instructor

DESCRIPTION This course is designed to provide students a hands-on experience with various media formats. Students write press releases, plan and practice radio and TV interviews, and write short nutrition feature stories for print.

NUTR 4980 Nutrition Skills Methods

CREDIT HOURS 1.0

PREREQUISITES Students accepted into the DPD Program (Nutrition) only

DESCRIPTION The course is designed to facilitate the student's acquisition of basic skills for dietetic practice, and will include: nutrition assessment, food service calculations, medical terminology, and other calculations used in clinical environments.

NUTR 4990 Entrepreneurial Nutrition

CREDIT HOURS 3.0

PREREQUISITES NUTR 3100 or consent of instructor

DESCRIPTION Students learn successful techniques of entrepreneurship in dietetics and formulate business plans for development of private practice in dietetics.

NUTR 4999 Nutrition Project

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Consent of instructor

DESCRIPTION This course includes supervised independent study in an area of special interest to the student.

PFP 4000 Personal Financial Planning

CREDIT HOURS 3.0

PREREQUISITES FI 3300 or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course covers the process of comprehensive personal financial planning and explores the integrative use of financial services and products to achieve personal and financial objectives. The changing nature of the financial services environment is explored. Students are required to develop a comprehensive, personal financial plan.

PFP 4389 Directed Readings in Personal Financial Planning

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

PERS 2001 Perspectives on Comparative Culture

CREDIT HOURS 2.0

DESCRIPTION A group of interdisciplinary courses that provide a better understanding of the contemporary world through the study of different cultures. One course from this category may be used to fulfill requirements in Area B, Institutional Options. Additional information is available on-line at http://www.gsu.edu/areab.

PERS 2002 Scientific Perspectives on Global Problems

CREDIT HOURS 2.0

DESCRIPTION A group of interdisciplinary courses that deal with scientific approaches to important issues on the environment, public health, or technology. One course from this category may be used to fulfill requirements in Area B, Institutional Options.

PHIL PHILOSOPHY

PHIL 1010 Critical Thinking

CREDIT HOURS 2.0

DESCRIPTION Development of practical and logical skills important to all disciplines, with emphasis on standardizing and evaluating arguments. Students are introduced to types of arguments used across the humanities, the social sciences, and the natural sciences. This course satisfies a requirement in Area B and is designed to prepare students for courses in Areas C, D, and E. This course is not an introduction to philosophy. Students interested in an introduction to philosophy should take Philosophy 2010 (Introduction to Philosophy).

PHIL 2010 Introduction to Philosophy

CREDIT HOURS 3.0

DESCRIPTION We will explore some fascinating questions about human existence and discuss various answers offered by philosophers--questions such as: Does God exist. How should I live my life. What is justice. What is human nature. Do we have free will. What is the meaning of life. Students are not required to take Philosophy 1010 (Critical Thinking) before taking Philosophy 2010.

PHIL 2500 Introduction to Symbolic Logic

CREDIT HOURS 3.0

DESCRIPTION Introduction to the examination of correct reasoning using symbols to represent statements and relationships between them. This course covers sentential logic and some predicate logic.

PHIL 3000 Introductory Seminar in Philosophy-CTW

CREDIT HOURS 3.0

PREREQUISITES PHIL 2010 with grade of C or higher

DESCRIPTION This course offers an in-depth treatment of a philosophical issue (for example, free will, justice, Kantian ethics) in a seminar setting, where students have an opportunity to engage in systematic discussions of primary texts and the philosophical issues they raise. This investigation of a topic from a variety of vantage points allows students to develop an informed position and the argumentative skills necessary to defend it successfully, both orally and in writing. This course is designed to introduce students to the major in philosophy. There is no requirement that one be a philosophy major to take this course. Students considering a philosophy major or minor are encouraged to take this course. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all philosophy majors.

PHIL 3010 Origins of Western Philosophy

CREDIT HOURS 3.0

DESCRIPTION Development of European philosophy from the early Greeks to the Romans. Typically included are Socrates, Plato, and Aristotle.

PHIL 3020 Early Modern Philosophy

CREDIT HOURS 3.0

DESCRIPTION Development of European philosophy from the Renaissance to the Enlightenment. Typically included are Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

PHIL 3030 19th – 20th Century Philosophy

CREDIT HOURS 3.0

DESCRIPTION Developments in Western philosophy from the end of the Enlightenment through the twentieth century. Philosophers to be studied may include Kant, Hegel, Schopenhauer, Kierkegaard, Nietzsche, Heidegger, Dewey, Ayer, and Wittgenstein, and philosophical approaches may include idealism, pragmatism, existentialism, and analytic philosophy.

PHIL 3050 Analytic Philosophy

CREDIT HOURS 3.0

DESCRIPTION Introduction to analytic philosophy through some of the most important works by leading figures, such as Russell, Ayer, Quine, Austin, Ryle, and Putnam.

PHIL 3060 Existentialism

CREDIT HOURS 3.0

DESCRIPTION Introduction to existentialism through selected literary and philosophical writings of Kierkegaard, Nietzsche, Camus, de Beauvoir, Sartre, and others.

PHIL 3230 Philosophy of Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as RELS 3230.) Issues such as the nature of religion, arguments for the existence of God, the problem of evil, faith and reason, religious experience, immortality, myth and symbol, and alternative religious philosophies.

PHIL 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

PHIL 3710 Marriage and Family

CREDIT HOURS 3.0

DESCRIPTION Study of philosophical issues relating to marriage and the family. Topics may include the nature of marriage and marital obligation, marriage and the state, children⊠s rights and parental obligations, the family and the state, and justice in the family.

PHIL 3720 Contemporary Moral Problems

CREDIT HOURS 3.0

DESCRIPTION Selected moral issues, such as abortion, euthanasia, environmentalism, genetic engineering, feminism, animal rights, gay and lesbian rights, and political violence. Brief coverage of ethical theories as they relate to the issues at hand.

PHIL 3730 Business Ethics

CREDIT HOURS 3.0

DESCRIPTION Moral issues in business, such as social responsibility, employee obligations and rights, ethics and the professions, marketing and advertising practices, and the environment. Issues in both domestic and international areas may be discussed.

PHIL 3855 Topics in Political Theory

CREDIT HOURS 3.0

DESCRIPTION Introductory survey of the great writings in political thought. Examines the contributions these works made to Western conceptions such as democracy, equality, human nature, citizenship, and liberty, as well as their continuing relevance for understanding contemporary moral and political dilemmas. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 3900 Studies in Philosophy

CREDIT HOURS 3.0

DESCRIPTION Examination of selected philosopher(s) or topic(s). May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4010 Plato

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level course in philosophy, or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Plato's philosophy, which may include the relationship between virtue and knowledge, the theory of recollection, the theory of forms, the nature of sensible objects, and the relationship between the individual and the state. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4020 Aristotle

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Aristotle's philosophy, which may include early and later theories of substance, methodology, the study of nature, the soul, and ethics. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4030 Topics in Ancient Philosophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of a specific theme, philosopher, or text, such as Aristotle's ethics, the philosophy of Socrates, Plato's Republic, Stoicism, Hellenistic ethics, or Aristotle's philosophy of mind. May be repeated if topic varies, but only six credit hours may be applied to the major. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4050 Topics in Modern Philosophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course or consent of instructor

DESCRIPTION Intensive study of works of modern philosophers such as Descartes, Spinoza, Leibniz, Malebranche, Hobbes, Locke, Rousseau, Berkeley, Hume, Reid, Kant, and Hegel. The course may be organized around the works of a single philosopher, or it may survey the development of a particular area of modern philosophy (such as moral philosophy, political philosophy, metaphysics, epistemology, or aesthetics). May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4055 Hume

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level course in philosophy or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Hume's philosophy. Topics may include the relation between his theoretical and moral philosophy, skepticism, causation, necessity, the foundations of human knowledge, self-consciousness, personal identity, reason, will, sentiment, naturalism, and normativity. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4060 Kant

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Advanced introduction to the major areas of Kant's theoretical and/or practical philosophy. Topics may include: Kant's conception of the task and method of philosophical inquiry, the relation of metaphysics and epistemology to natural science, skepticism, causality, freedom, the moral law, and the religious, political, and social ramifications of Kant's moral philosophy. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4070 Marxism

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Origin and development of central themes in the philosophy of Karl Marx, such as alienation, exploitation, and dialectal materialism, with limited reference to contemporary trends in Marxist thought. May be repeated if topic varies. A maximum of six credit hours may be applied toward the major.

PHIL 4075 Topics in 19th Century Philosophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of a specific theme, philosopher, or text, such as Hegel, Nietzsche, German Idealism, or the emergence of philosophy in America. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4085 Topics in the History of Philosophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of a specific theme, philosopher, or text, such as Scepticism in Ancient and Modern Philosophy, Anselm, or the Summa Contra Gentiles. May be repeated if topic varies, but only six credit hours may be applied toward the major.

PHIL 4090 Topics in Continental Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Study of works of such authors as Husserl, Scheler, Heidegger, Sartre, Merleau-Ponty, and Ricoeur. May be repeated if topic varies, but only six credit hours may be applied to the major.

PHIL 4095 Topics in Analytic Philosophy

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Study of works of such authors as Russell, Moore, Carnap, Putnam, Lewis, Feinberg, Hart, and Rawls. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4100 Epistemology

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Problems in the concept of knowledge, such as the definition of propositional knowledge, the problem of induction, the a priori, and theories of truth. May also include theories such as coherentism, reliabilism, and foundationalism.

PHIL 4130 Philosophy of Science

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION An examination of philosophical problems associated with the nature, scope, and significance of the sciences. Topics may include: scientific versus non-scientific world views; explanation and its limits; confirmation; paradigms, laws, and theories; intertheoretic reduction; realism versus antirealism; science and human values.

PHIL 4150 Topics in Epistemology

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Investigation of selected contemporary or classical topics in epistemology. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4300 Metaphysics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Topics may include personal identity and human nature; space, time, matter, and causality; freedom and determinism; teleology; conceptions of divinity; and world views and paradigm shifts.

PHIL 4330 Philosophy of Mind

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION An examination of various theories of the mind-body relationship, such as dualism, identity theory, and functionalism, and of specific issues such as consciousness, mental representation, mental disorders, the emotions, artificial intelligence, personal identity, and free will.

PHIL 4340 Philosophy and Cognitive Science

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor (background in the sciences is not required)

DESCRIPTION An interdisciplinary examination of the problems, theories, and research strategies central to the study of the human mind and of other cognitive systems. Basic readings will come from a variety of disciplines, including philosophy, neuroscience, and psychology. Topics of investigation may include perception, mental representation, language, modularity, consciousness, emotions, moral psychology, action, mental disorders, folk psychology, and animal minds.

PHIL 4350 Topics in Metaphysics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of the instructor

DESCRIPTION Study of specific issues in metaphysics, such as free will, causation, time, personal identity, possible worlds, existence of God, realism, etc. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4500 Symbolic Logic

CREDIT HOURS 3.0

PREREQUISITES PHIL 2500 with grade of B or better, or consent of instructor

DESCRIPTION This course will cover the fundamentals of propositional and predicate logic, and selected topics in such areas as the logic of identity and relations, modal logic, or meta-logic. Emphasis placed on construction of proofs in formal systems.

PHIL 4530 Philosophy of Language

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Efforts in twentieth-century philosophy to account for the unique capacities of language to represent the world and to communicate our beliefs about it. Topics may include the nature of language, theories of meaning and reference, semantic paradoxes, private language, speech acts, and non-human language.

PHIL 4700 Ethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Major Western theories, such as relativism, egoism, emotivism, utilitarianism, deontology, naturalism, intuitionism, virtue ethics, existential ethics, and feminist ethics.

PHIL 4740 Biomedical Ethics

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Major moral problems in science and medicine, including abortion, death and euthanasia, treatment of the mentally ill, experimentation with human subjects, and genetic research. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4750 Topics in Ethics

CREDIT HOURS 3.0

PREREQUISITES one 2000 or 3000-level philosophy course, or consent of the instructor

DESCRIPTION Study of the works of major authors or views in normative ethics and/or metaethics. The focus will be on contemporary ethics but the course may include some study of historical figures. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4760 Ethics and Contemporary Public Policy – Ethics Bowl

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course or consent of the instructor

DESCRIPTION Course explores how ethical theory may illuminate current controversial issues in practical ethics, applied ethics, and public policy. Topics change each year. Course includes preparation for "ethics bowl" competitions, which are collaborative exchanges where teams compete to offer the most compelling ethical accounts of an issue. Students have the option of attending Ethics Bowl tournaments, which take place annually in Florida and elsewhere. Course may be repeated, but only twice toward philosophy major.

PHIL 4770 Moral Psychology

CREDIT HOURS 3.0

DESCRIPTION Prerequisite one 2000 or 3000-level Philosophy course, or consent of the instructor. Examination of how humans function in moral contexts and how this information may impact debates in ethical theory. Drawing from relevant literature in philosophy, psychology, neuroscience, and other sciences, topics may include moral judgment and intuitions, moral disagreement, reason and emotion, moral agency and responsibility, character traits and virtues, altruism and egoism, and moral development.

PHIL 4780 Neuroethics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite one 2000 or 3000-level Philosophy course, or consent of the instructor. Neuroethics considers how ethical theories inform neuroscientific practice and how neuroscientific discoveries inform ethical theorizing. Topics may include ehtical protocols for neuroscience research, ethical and legal implications of neuroscientific research, and implications of neuroscience for debates about moral behavior and judgment.

PHIL 4790 Topics in Neuroethics

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level Philosophy course, or consent of the instructor

DESCRIPTION Study of specific issues in neuroethics, such as cognitive enhancement, neuromarketing, neurolaw, neuroscience and free will, etc.

PHIL 4800 Social and Political Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Issues such as the definition and justification of human rights, justice, social welfare, and forms of political participation, and the debate between ideologies. Readings from classical and contemporary sources, for example, Plato, Locke, Mill, Marx, and Rawls.

PHIL 4820 Philosophy of Law

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Topics such as theories of law, feminist legal theory, the nature of legal reasoning, legal obligation, law and justice, law and morality.

PHIL 4830 Philosophy of Art

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Historical and contemporary accounts of the nature of art, aesthetic experience, creative activity, imagination, expression, interpretation, and aesthetic evaluation.

PHIL 4855 Advanced Topics in Political Theory

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Advanced survey of the great writings in political thought. Examines the contributions these works made to Western conceptions such as democracy, equality, human nature, citizenship, and liberty, as well as their continuing relevance for understanding contemporary moral and political dilemmas. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4860 Feminist Philosophy

CREDIT HOURS 3.0

DESCRIPTION Classical and contemporary issues concerning women, such as discrimination on the basis of gender, class, race, or sexuality, whether gender is natural or constructed, and historical roots of feminist and anti-feminist perspectives.

PHIL 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

PHIL 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES PHIL 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

PHIL 4890 Topics in Social and Political Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of the instructor

DESCRIPTION Study of selected issues in social/political philosophy. The focus will be on contemporary ethics but the course may include some study of historical figures. May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4900 Issues in Philosophy

CREDIT HOURS 3.0

PREREQUISITES One 2000 or 3000-level philosophy course, or consent of instructor

DESCRIPTION Examination of selected philosopher(s) or topic(s). May be repeated but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4950 Independent Research

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor

DESCRIPTION Designed to provide students with the opportunity to do more advanced work in an area in which they have already had regular course work. Not to be used as a substitute for regular upper-level courses. May be repeated but only if content varies. This course may include a Signature Experience component.

PHIL 4960 Internship

CREDIT HOURS 3.0

PREREQUISITES Minimum 2.5 GPA, philosophy major or minor, 15 credit hours earned in PHIL courses, and 30 credit hours earned GSU

DESCRIPTION Designed to allow majors and minors the opportunity to apply and develop their philosophical skills outside the classroom and to see the relationship between philosophy and a profession. This course may include a Signature Experience component.

PHIL 4990 Advanced Seminar in Philosophy – CTW

CREDIT HOURS 3.0

DESCRIPTION Prerequisties: Major in philosophy, PHIL 2010, PHIL 3000, and PHIL 3020 with grades of C or higher. This course offers an in-depth treatment of a specific philosophical issue (for example, the role of paternalism in a liberal society, reliabilist theories of knowledge, the nature of moral emotions) in a seminar setting, where students have an opportunity to engage in systematic discussions of primary texts and the philosophical issues they raise. This investigation of a topic from a variety of vantage points allows students to develop an informed position and the argumentative skills necessary to defend it successfully, both orally and in writing. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all philosophy majors. May be repeated with instructor permission but only if content varies. A maximum of six credit hours may be applied toward the major.

PHIL 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

PHOT PHOTOGRAPHY

PHOT 3000 Introduction to Photography

CREDIT HOURS 3.0

PREREQUISITES ART 1010 and ART 1020 with grades of C or higher

DESCRIPTION Introduction to photography within a fine arts context. Operation of the DSLR camera and lenses.

FEES $125.00. 3.000 Credit hours

PHOT 3010 Film and Darkroom

CREDIT HOURS 3.0

PREREQUISITES PHOT 3000 with grade of C or higher

DESCRIPTION Intermediate-level course emphasizing technical competency with 35mm and medium format cameras, black-and-white film exposure and development, silver-gelatin print processing, and archival presentation.

FEES $125.00

PHOT 3020 Photo 1 for Non-Photo Majors

CREDIT HOURS 3.0

PREREQUISITES Two of the four studio foundation courses (ART 1010, ART 1020, ART 1030, ART 1040) and one of the four art history foundation courses (AH 1700, AH 1750, AH 1850, AH 2000) all with minimum grade of C

DESCRIPTION Cross-listed with PHOT 6025 Essentials of DSLR camera in context of contemporary photographic practice. Target students are non-photo studio art majors.

PHOT 3050 Selected Topics

CREDIT HOURS 4.0

PREREQUISITES PHOT 3100 and one 4000-level Phot course with grades of C or higher, or consent of instructor

DESCRIPTION Exploration in photography examining philosophy of art making through intensive studio practice.

PHOT 3100 Alternative Photographic Practice

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Photographic printing processes from the earliest days of photography to the latest advances in digital media. Experimentation and independent research emphasized.

FEES $125.00

PHOT 3200 Color and Light

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Color photography techniques, aesthetic elements of color, and introduction to natural and artificial light sources.

FEES $125.00

PHOT 3300 Studio Lighting & Large Format

CREDIT HOURS 4.0

PREREQUISITES PHOT 3010 with grade of C or higher

DESCRIPTION Studio practice within a fine arts context. Large format cameras, advanced studio lighting techniques.

FEES $125.00

PHOT 3500 Digital Photography

CREDIT HOURS 4.0

PREREQUISITES 3010 with grade of C or higher

DESCRIPTION Introduction to computer-assisted imaging. Basic understanding of Macintosh computer operation is essential.

FEES $20.00

PHOT 3600 Digital Video for Artists

CREDIT HOURS 4.0

PREREQUISITES 3010 with grade of C or higher

DESCRIPTION Non-art majors need permission of instructor. Introduction to interactive multimedia utilizing computer-assisted approaches. Required for BFA Photo majors and recommended for all art majors.

FEES $20.00

PHOT 3900 Selected Topics in Photography

CREDIT HOURS 4.0

PREREQUISITES consent of instructor

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of six credit hours.

FEES $20.00

PHOT 3910 Photo History Seminar

CREDIT HOURS 3.0

DESCRIPTION Seminar addressing critical issues and expressive approaches in photographic practice through the study of theory and history; technical and aesthetic development; influences the medium has had on art and culture.

PHOT 4500 Directed Study in Photography

CREDIT HOURS 3.0

PREREQUISITES PHOT 3100, PHOT 3200, PHOT 3300, PHOT 3500, and PHOT 3600 with grades of C or higher

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of twelve credit hours.

FEES $70.00

PHOT 4930 Internship in Photography

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Practicum in the field outside university setting. Written proposal, contractual agreement with internship supervisor required. This course may include a Signature Experience component.

PHOT 4940 Portfolio I

CREDIT HOURS 3.0

PREREQUISITES PHOT 4500 with grade of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. Committee review.

FEES $20.00

PHOT 4950 Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES PHOT 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Photography majors.

FEES $20.00

PHOT 4980 Special Problems

CREDIT HOURS 3.0

PREREQUISITES consent of instructor or of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of eight credit hours if topic varies.

PT 3000 Introduction to Physical and Occupational Therapy Practice

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to provide current information on the roles and functions of physical and occupational therapists in the present healthcare system. Students will be exposed to the breadth of these fields of science, research, and practice questions being asked, and practice approaches currently used. The relationship to the practice of medicine and other allied health professions will also be explored. This course is open to all university students.

PT 3660 Complementary and Alternative Therapies

CREDIT HOURS 3.0

DESCRIPTION This course provides students with information about Complementary and Alternative Therapies (CAT) including the role and scope of CAT in health care systems, and applications of CAT in therapeutic situations. The curing medicine and therapeutic modalities addressed include Acupuncture and Acupressure, Traditional Chinese Medicine, Herbal Medicine, Energy Medicine, Ayurvedic Medicine, Body/Mind Therapy, Homeopathic Therapy, Massage and Touch Therapy, and Nutrition and Diet.

PT 4130 Tai Chi-A Therapeutic Exercise

CREDIT HOURS 3.0

DESCRIPTION This course introduces Tai Chi as a therapeutic exercise. The course addresses the benefits of Tai Chi exercise, Tai Chi's origin, philosophy and development. Scientific evidence of Tai Chi's benefits to health is discussed. The course introduces all the styles and forms of Tai Chi and the applications of Tai Chi to self-defense, exercise, rehabilitation and meditation. Application of the principles and practices of Tai Chi to various physical impairments and disabilities is discussed.

PT 7715 PT Management Neuroanatomy I

CREDIT HOURS 1.0

PREREQUISITES Entry into the PT program and successful completion of all prior DPT courses

DESCRIPTION This is the laboratory component of PT Management Neuro I. This course is designed to introduce basic and applied neuroanatomical and neurophysiological principles. Topics include terminology and neuroanatomical relationships, cellular neurophysiology, structure and function of the central,peripheral, and autonomic nervous systems and their ability to respond to environmental demands. The student will evaluate human behavior and performance in relation to function and dysfunction of the nervous system.

PHYS 1000 Gateway to Physics

CREDIT HOURS 2.0

DESCRIPTION Two lecture hours a week. This is a seminar course intended for anyone curious about physics and its relevance to contemporary life. No background in physics is necessary. This course is appropriate for pre-professional students in education, medicine, law, and business, as well as students pursuing degrees in natural sciences, social sciences, humanities, music, and fine arts. It is required for physics majors. The course engages a broad spectrum of resources and experiential opportunities (e.g. popular science books & articles, videos, websites, lab tours, field trips, service learning opportunities, and guest presenters) to explore compelling interconnections between physics and other disciplines and career interests. Course topics may include Physics and the Human Body, Physics and the Nano-scale, Physics and the Cosmos, Physics and Technology, Physics and Art, and Chaos & Complexity.

PHYS 1111K Introductory Physics I

CREDIT HOURS 4.0

PREREQUISITES MATH 1112 or MATH 1113 with grade of C or higher

DESCRIPTION Three lecture and two laboratory hours a week. This introductory course will include material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry will be used. PHYS 1111K and PHYS 1112K meet the science requirement for the B.A., the B.B.A., and the B.S. in Education degrees, and the physics requirement for students in the biological and life sciences. Designed primarily as a terminal sequence. Most natural science majors should enroll in PHYS 2211K and PHYS 2212K.

PHYS 1112K Introductory Physics II

CREDIT HOURS 4.0

PREREQUISITES PHYS 1111K or PHYS 2211K with grade of C or higher

DESCRIPTION Three lecture and two laboratory hours a week. This introductory course will include material from electromagnetism, light, and modern physics. Elementary algebra and trigonometry will be used. PHYS 1111K and PHYS 1112K meet the science requirement for the B.A., the B.B.A., and the B.S. in Education degrees, and the physics requirement for students in the biological and life sciences. Most natural science majors should enroll in PHYS 2211K and PHYS 2212K.

PHYS 2030K Physical Science: Physics of Music and Speech

CREDIT HOURS 3.0

DESCRIPTION Two lecture and two laboratory hours a week. No science background required. Not accepted as a part of the requirements for a major or an allied field in physics. Physical characteristics of musical sound; applications to musical tones, scales, harmony, and acoustics; problems of recording, amplifying, transmitting, and reproducing sound.

PHYS 2211K Principles of Physics I

CREDIT HOURS 4.0

PREREQUISITES MATH 2211 or MATH 2201 with grade of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. Mechanics, Heat, and Waves. PHYS 2211K - PHYS 2212K is the beginning sequence for students majoring in physics, chemistry, or computer science. It is recommended for mathematics majors and other students with the necessary mathematical background. No credit if the PHYS 1111K - 1112K sequence is taken.

PHYS 2212K Principles of Physics II

CREDIT HOURS 4.0

PREREQUISITES MATH 2212 or MATH 2202 and PHYS 2211K with grades of C or higher

DESCRIPTION Three lecture and three laboratory hours a week. Electricity and magnetism, light, modern physics. PHYS 2211K - 2212K is the beginning sequence for students majoring in physics, chemistry, or computer science. It is recommended for mathematics majors and other students with the necessary mathematical background. No credit if the PHYS 1111K - PHYS 1112K sequence is taken.

PHYS 2940 Directed Laboratory Investigations

CREDIT HOURS 1.0 TO 2.0

PREREQUISITES consent of the department

DESCRIPTION Directed laboratory investigation in physics involving the development of experimental skills required for advanced study in physics or a related science. May be repeated for no more than two hours total credit.

PHYS 3150 Advanced General Physics

CREDIT HOURS 3.0

PREREQUISITES a non-calculus elementary physics sequence such as PHYS 1111K and PHYS 1112K; MATH 2212 with grades of D or higher, or equivalent

DESCRIPTION Three lecture hours a week. Not acceptable for credit for students who have had PHYS 2211K-2212K. Designed to prepare the student who has completed a non-calculus-level elementary physics sequence for more advanced physics courses. The utilization of calculus in solving problems in classical physics is stressed.

PHYS 3300 Advanced Physics Laboratory-CTW

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212 and MATH 2215 with grades of C or higher

COREQUISITES PHYS 3401

DESCRIPTION Advanced laboratory experiments in modern physics, optics, and astronomy with emphasis on scientific report writing. Required for all physics majors. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all physics majors.

PHYS 3401 Modern Physics I

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K and MATH 2215 with grade of C or higher

DESCRIPTION Four lecture hours a week. Special relativity, quantum optics, wave and particle duality, Bohr theory, Schrodinger's quantum mechanics, one-electron atom, spin, and angular momentum.

PHYS 3402 Modern Physics II

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with grade of C or higher

DESCRIPTION Three lecture hours a week. Atomic spectra, X-ray spectra, nuclear structure, nuclear reactions, elementary particles, molecular spectra and structure, solid-state physics.

PHYS 3500 Electronics

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K or PHYS 1112K with grade of C or higher

DESCRIPTION Two lecture and four laboratory hours a week. Fundamentals of analog and digital circuit design; discrete and integrated circuit devices; electronic instrumentation.

PHYS 3800 Optics

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K with grade of C or higher

DESCRIPTION Three lecture hours a week. Fundamentals and applications of optics: diffraction, interference, lasers, fiber optics, and applications of optical instrumentation.

PHYS 3850 Statistical and Thermal Physics

CREDIT HOURS 3.0

PREREQUISITES PHYS 2212K and MATH 2215 with grades of C or higher

DESCRIPTION Three lecture hours a week. Physical statistics, quantum states and degeneracy, statistical definition of entropy, development of thermodynamics; applications to gases, radiation, and solids.

PHYS 4110 Introduction to Embedded Systems Laboratory

CREDIT HOURS 4.0

PREREQUISITES PHYS 3500 or CSC 3210 with grade of D or higher, or equivalent course work with consent of instructor

DESCRIPTION (Same as CSC 4110.) Four lecture hours per week. Topics taken from: review of basic logic functions; automatic systems; microprocessor- based systems and applications; embedded system software survey; digital communications; and embedded systems programming.

PHYS 4300 Teaching Physics

CREDIT HOURS 1.0 TO 2.0

PREREQUISITES Consent of instructor

DESCRIPTION Only open to students concurrently assisting with the teaching of a physics course. Two lecture hours per week. Course provides a theoretical and practical foundation for science teaching. Topics include univocal and dialogic discourse, questioning strategies, Blooms taxonomy, mental models, formative assessment and bridging, the resource framework, motivation and cooperative learning, argumentation, metacognition, nature of science, and qualities of effective teachers.

PHYS 4340 Neurophysics

CREDIT HOURS 3.0

PREREQUISITES NEUR 3000 and PHYS 2212 with grades of B or higher, or equivalent, or consent of instructor

DESCRIPTION Three lecture hours per week. Course provides fundamental findings of physics of neuronal systems. The course covers such topics as introduction to biomechanics, membranes, transport, electroosmotic effects, ion pumping, cellular homeostasis, the Hodgkin-Huxley formalism, energetics of spiking, neural coding, and dynamics of neurons and neuronal networks. It also covers methods of recording of neuronal activity.

PHYS 4410 Nuclear and Particle Physics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with grade of C or higher

DESCRIPTION Three lecture hours a week. Properties of nuclei; nuclear models; nuclear reactions and radioactive decay processes; properties of elementary particles, their symmetries and interactions; standard model of elementary particles.

PHYS 4500 Special Topics in Physics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Topics of special interest in physics as may fit the needs and interests of undergraduate students and faculty. Topics may be in the fields of nuclear physics, nanophysics, solid state physics, optics and electronics, and neurophysics. May be repeated if topics are different.

PHYS 4510 Mathematics of Physics I

CREDIT HOURS 3.0

PREREQUISITES MATH 2215 with grade of C or higher

DESCRIPTION (Same as MATH 4258.) Three lecture hours a week. Algebra of vectors, vector calculus, divergence, gradient, curl, line integrals, surface integrals, divergence theorem of Gauss, Stokes's theorem, conservative fields, orthogonal curvilinear coordinates, matrices, and Eigen value problems.

PHYS 4520 Mathematics of Physics II

CREDIT HOURS 3.0

PREREQUISITES MATH 3260 with grade of C or higher

DESCRIPTION (Same as MATH 4265.) Three lecture hours a week. Derivation and solution of partial differential equations of physics, wave equation, LaPlace's equation, Schroedinger's equation, special functions of mathematical physics, Fourier series, Sturm-Liouville system, complex analysis, and integration.

PHYS 4600 Classical Mechanics

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K and MATH 3260 with grades of C or higher, or equivalent, or consent of instructor

DESCRIPTION Four lecture hours a week. Vector algebra, Newton's laws, conservation laws, many body systems, motion in central fields, small oscillations, motion in electromagnetic fields, rotation of rigid bodies, Lagrangian equations, Hamilton's principle, and virtual work.

PHYS 4700 Electricity and Magnetism

CREDIT HOURS 4.0

PREREQUISITES PHYS 2212K and MATH 2215 with grades of C or higher

DESCRIPTION Four lecture hours a week. Electrostatics, steady currents, magnetic fields, magnetic induction, AC circuits, dielectrics, magnetic properties of matter, Maxwell's equations, and wave propagation.

PHYS 4710 Functional Neuroimaging

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Three lecture hours a week. Foundations of physics principles applied to brain processes, different imaging modalities, and neuroimaging data analysis methods. Topics include physiological basis of functional neuroimaging, physics of different imaging modalities (fMRI, PET, EEG, MEG, fNIR, TMS), experimental design, neuroimaging data analysis, and applications in cognitive neuroscience. This course is appropriate for students majoring in physics, chemistry, biology, neuroscience, psychology, mathematics, statistics, and computer science with an interest in the use of functional neuroimaging.

PHYS 4720 Introduction to Magnetism and Magnetic Materials

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 and MATH 3260 with grades of C or higher

DESCRIPTION Fundamentals of magnetism in solids, nanostructures and ferrofluids. Wide range of topics overviewing basic physics phenomena observed in magnetic materials and nanostructures will be covered, including static and dynamic phenomena, nanostructures and their applications in electronics and spintronics, ferrofluids, and the experimental approaches used to study magnetic phenomena.

PHYS 4810 Quantum Mechanics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 and MATH 3260 with grades of C or higher, or consent of instructor

DESCRIPTION Three lecture hours a week. Schrodinger's theory of quantum mechanics; solutions of Schrodinger's equation; perturbation theory; one-electron atoms; magnetic moments, spin, and relativistic effects; identical particles; multi-electron atoms.

PHYS 4900 Research Project-CTW

CREDIT HOURS 3.0

PREREQUISITES PHYS 3300 and PHYS 3401 with grades of C or higher and permission of the instructor

DESCRIPTION Research Project in physics, astronomy, or a related field including preparation of a written and an oral report. Projects are performed under mentoring of a faculty member. Written reports are developed under the guidance of course coordinator. Required for all physics majors. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all physics majors. This course may include a Signature Experience component.

PHYS 4910 Solid State Physics

CREDIT HOURS 3.0

PREREQUISITES PHYS 3401 with grade of C or higher, or equivalent or consent of instructor

DESCRIPTION Three lecture hours a week. Atoms in crystals (crystal structure); waves in crystals; crystal binding, lattice constants; lattice vibrations and other thermal properties of solids, free electrons in crystals, energy bands, and semiconductors.

PHYS 4920 Elementary Science Education Partners

CREDIT HOURS 1.0

PREREQUISITES junior or senior majoring in natural science and consent of the ESEP coordinator

DESCRIPTION Demonstrating hands-on science in the public elementary school classroom. May be repeated for a maximum of four hours.

PHYS 4950 Senior Research

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES PHYS 3401 with a grade of C or higher

DESCRIPTION Training in the techniques of basic research in physics and application of these techniques to research projects of current importance. May be repeated for a maximum of three credit hours. This course may include a Signature Experience component.

PHYS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

POLS POLITICAL SCIENCE

POLS 1101 Introduction to American Government

CREDIT HOURS 3.0

DESCRIPTION American system of government covering the institutions and ideals basic to the American experience and the process by which the public participates in and is governed by these institutions and ideals.

POLS 2101 Introduction to Political Science

CREDIT HOURS 3.0

DESCRIPTION A survey of the fundamental questions in the study of political science.

POLS 2401 Global Issues

CREDIT HOURS 3.0

DESCRIPTION An introduction to international relations focusing on contemporary issues in world politics such as conflict and cooperation, business and trade, population, environment, and human rights.

POLS 3110 State Government

CREDIT HOURS 3.0

DESCRIPTION Organization, powers, functions, and political processes at the state level in the United States.

POLS 3140 Judicial Process and Courts

CREDIT HOURS 3.0

DESCRIPTION Social and political context of judicial decisions with emphasis on Supreme Court decision-making. Relates law to public policy.

POLS 3145 Introduction to American Law

CREDIT HOURS 3.0

DESCRIPTION Substance of law as a component of public policy and the political system; emphasis on the elements and rationale of private law.

POLS 3150 American Political Parties

CREDIT HOURS 3.0

DESCRIPTION The evolution, roles, and positions of political parties in the American system.

POLS 3170 American Legislative Process

CREDIT HOURS 3.0

DESCRIPTION The role of Congress and state legislatures in policy making. Special emphasis on legislative organization, procedure, and legislative structure including the speakership, parties, staff, and committees.

POLS 3171 Congressional Simulation

CREDIT HOURS 3.0

DESCRIPTION Recommended prerequisite: POLS 3170. This simulation provides students with an opportunity to experience how a legislative body makes decisions about policy. Students gain insight into the legislative process by actively participating in it. In the course of the simulation, students will be faced with the kinds of choices that professional legislators must make daily, such as deciding which bills of many bills to support and negotiating between the pressures put on them from disparate sources, such as party and constituency. Students will take away from the class knowledge about both the legislative process and the substantive policy areas the mock legislature takes up, as well as enhanced negotiating skills.

POLS 3200 Comparative Politics

CREDIT HOURS 3.0

DESCRIPTION Comparative analysis of major political systems.

POLS 3400 International Politics

CREDIT HOURS 3.0

DESCRIPTION Concepts and theories of international politics. Covers the evolution of the contemporary international system and conflict and cooperation among nation-states. Global Perspectives Course.

POLS 3450 United States Foreign Policy

CREDIT HOURS 3.0

DESCRIPTION Analysis of U.S. foreign policy patterns and decision making since World War II. Examines contending explanations of policy making and the evolving role of the United States in world affairs. Global Perspectives Course.

POLS 3530 Classical and Early Modern Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3530.) A survey of the historical writings in political thought from Plato to Machiavelli. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena.

POLS 3540 Modern Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3540.) A survey of the historical writings in political thought from Hobbes to Marx. Special emphasis on the contributions these thinkers made to Western conceptions of democracy, equality, human nature, citizenship, etc., as well as the continuing relevance of the texts for explaining contemporary political phenomena.

POLS 3700 Public Administration and Bureaucratic Politics

CREDIT HOURS 3.0

DESCRIPTION (Same as PAUS 3801.) Bureaucratic politics and behavior in the political process. The role of administrators in policy making and implementation, agency strategies, relations with other executive agencies and with the legislature, the president, the judiciary and clientele groups.

POLS 3750 Public Policy Analysis

CREDIT HOURS 3.0

DESCRIPTION Effectiveness, alternatives, and politics of governmental policies concerning areas such as social welfare, environment, education, business regulation, and defense.

POLS 3800 Introduction to Political Research-CTW

CREDIT HOURS 3.0

DESCRIPTION Research techniques in political science including data collection, analysis, and interpretation. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Political Science majors.

POLS 3805 Survey Research Methods Lab

CREDIT HOURS 1.0

PREREQUISITES Concurrent or prior registration in POLS 3800

DESCRIPTION This course provides students with a background in the principles and application of survey research methods in political science, including hands-on experience conducting survey research.

POLS 4110 Political Psychology

CREDIT HOURS 3.0

DESCRIPTION Introduction to the psychological foundations of political life. Theories applied to particular political problems including policy decision making, the formation of belief systems, moral reasoning and ideology, racism and intolerance, political socialization, and authoritarianism.

POLS 4120 Southern Politics

CREDIT HOURS 3.0

DESCRIPTION The development of Southern political institutions and practices, including the role that Southern political figures have played in national politics and similarities and differences between Southern political behavior and national political behavior.

POLS 4125 Georgia Politics and Government

CREDIT HOURS 3.0

DESCRIPTION An examination of state and local government in the state of Georgia.

POLS 4130 American Constitutional Law

CREDIT HOURS 3.0

DESCRIPTION Development of U.S. constitutional system and fundamental principles of constitutional interpretation. Includes the courts and judicial review, authority of Congress in fields of commerce and taxation, authority of the president and federal-state relations.

POLS 4131 Civil Liberties and Rights

CREDIT HOURS 3.0

DESCRIPTION Supreme Court's interpretation of the Bill of Rights and Fourteenth Amendment. Areas covered include administration of justice, freedom of expression and religion, and equal protection of racial, sexual, political and economic groups.

POLS 4141 Supreme Court Decision Making

CREDIT HOURS 3.0

PREREQUISITES POLS 3800

DESCRIPTION Study of how Supreme Court justices decide the cases that come before them, with introduction and application of three primary theoretical perspectives (the attitudinal, legal, and strategic models).

POLS 4151 Interest Group Politics

CREDIT HOURS 3.0

DESCRIPTION Theoretical and practical approaches to the study of interest groups in the American political system, with attention to influence on Congress and impact on elections.

POLS 4155 Voting and Elections

CREDIT HOURS 3.0

DESCRIPTION Political, institutional, social, and psychological factors involved in individual and group electoral decisions. Emphasis placed on the role of campaigns and candidate strategy in shaping voting decisions.

POLS 4157 Politics of the Civil Rights Movement

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4180.) Examination of the underpinnings, leadership, political strategies, and policies of the modern civil rights movement.

POLS 4158 Campaign Organization and Management

CREDIT HOURS 3.0

DESCRIPTION A broad introduction to electoral campaign research, organization, and management.

POLS 4160 Political Attitudes and Public Opinion

CREDIT HOURS 3.0

DESCRIPTION Concept and measurement of political attitudes, acquisition of attitudes, the role of attitudes in political behavior, and the relation of elites and publics in the formation of public opinion.

POLS 4162 Politics and the Media

CREDIT HOURS 3.0

DESCRIPTION Analysis of the role of mass media in American political life.

POLS 4165 African-American Politics

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4160.) Analysis of the ideology, public opinions, and political behavior of African-Americans. African-American impact on the electoral system.

POLS 4168 Women and Law

CREDIT HOURS 3.0

DESCRIPTION Explores the development of constitutional and statutory law as it relates to the status and rights of women. The focus of this course will be on the development of U.S. Supreme Court jurisprudence in the last 50 years. We will read and analyze U.S. Supreme Court decisions and students will learn to critically assess and apply legal arguments to the concepts of equality, privacy, and sexual harassment.

POLS 4180 American Chief Executives

CREDIT HOURS 3.0

DESCRIPTION Constitutional powers and the political role of the American president with a comparative examination of the function of state governors.

POLS 4190 Studies in American Politics

CREDIT HOURS 3.0

DESCRIPTION Intensive treatment of current topics in American politics and government. May be repeated if topic varies.

POLS 4205 Comparative Democratization

CREDIT HOURS 3.0

DESCRIPTION Theories and problems of emerging and transitional democracies around the world.

POLS 4210 Politics of Developing Countries

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Examines rapid political, social, and economic change in developing countries.

POLS 4215 Politics of Peace

CREDIT HOURS 3.0

DESCRIPTION Explores the challenges of building stable political systems in the wake of civil war, using cases drawn from all regions of the world.

POLS 4220 Comparative Legal Systems and Politics

CREDIT HOURS 3.0

DESCRIPTION Survey of three major legal systems: Anglo-American- adversarial-precedent systems; Napoleonic-inquisitorial-code systems used in the majority of countries; and customary legal approaches in traditional societies. Analyzes problems of judicial independence, legal professionalism, and accountability of constitutional development in new democracies in the developing world, as well as problems of developed legal systems in Japan and the West.

POLS 4223 Comparative Electoral Systems

CREDIT HOURS 3.0

DESCRIPTION Examines different election systems used in various democracies. Advantages and disadvantages of particular election systems.

POLS 4224 Law and Courts in Film

CREDIT HOURS 3.0

DESCRIPTION Students learn about the representation of the rule of law, judges, lawyers, and courtrooms in Hollywood cinema in the last 60 years. A selected list of films and readings form the background of discussion on how the popular conception of courts has evolved and is still being represented in popular culture. Particular attention will be given to the juxtaposition of justice and law as they are represented in film.

POLS 4228 Comparative Party System Development

CREDIT HOURS 3.0

DESCRIPTION Drawing on both theoretical literature and empirical research, this course provides an introduction to the comparative study of party system development in democratic political systems. The course explores the experiences of newly democratized countries as well as that of established democracies. Insights will be drawn from Europe, Africa, Asia, the United States, and Latin America.

POLS 4230 African Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Addresses the politics of Sub-Saharan Africa, including major issues of political, economic, and social analysis.

POLS 4240 European Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . The politics and government of Europe. Comparative study of institutions, issues, and social forces, including the impact of integration on the politics of the nation-state.

POLS 4242 European Union: Politics, Economy, and Foreign Policy

CREDIT HOURS 3.0

DESCRIPTION Broad overview of developments in the European Union since the early 1950s. Key issues, such as monetary union and development of common foreign policy, are explored. Institutional actors, including the European Parliament, European Commission, Council of Ministers, and Court of Justice are compared.

POLS 4245 The Politics of Russia and Eastern Europe

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 or POLS 3400. Political, economic, and social variables explaining change and the current political structures in the region.

POLS 4250 Latin American Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Political, historical, economic, and cultural explanations of political change in Latin America. Compares twentieth century democratic, authoritarian, and revolutionary regimes.

POLS 4255 Politics and Political Economy of East Asia

CREDIT HOURS 3.0

DESCRIPTION Examines the key political institutions, economic structures, and socio-economic policies of Japan, Korea, Taiwan, Singapore, and Hong Kong.

POLS 4256 Politics and Political Economy of Japan

CREDIT HOURS 3.0

DESCRIPTION Explores the politics and political economy of contemporary Japan. Topics include: the evolution and nature of Japanese democracy, the functioning of the political economy, the "Japanese miracle" econony of the early postwar period and economic decline in recent years, protest and social movements in Japan, and Japan's role in Asia.

POLS 4257 Chinese Politics

CREDIT HOURS 3.0

DESCRIPTION Introduction to the political history of contemporary China, the structure and functioning of its political and governmental institutions, and political, social, and economic challenges facing the current Chinese political leadership.

POLS 4258 Government and Politics of South Asia

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4258.) Examines the societies and politics of South Asia, with specific reference to India and Pakistan since independence from Britain in 1947.

POLS 4260 Politics of the Middle East and North Africa

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . (Same as MES 4210.) Politics and culture of the region. Contemporary issues including: the region's relations with the West, regional conflict, and the increasing role of religious movements in politics.

POLS 4270 Comparative Political Economy

CREDIT HOURS 3.0

DESCRIPTION Examination of the theoretical and substantive relationships between politics and economics.

POLS 4285 Politics and Religion in Comparative Perspective

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 or POLS 3400. (Same as MES 4220.) Role of religious beliefs and institutions on political behavior.

POLS 4290 Studies in Comparative Politics

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3200 . Topics may include the government and politics of selected countries and regions of the world or themes in comparative political analysis. May be repeated for credit if topic varies.

POLS 4420 International Law

CREDIT HOURS 3.0

DESCRIPTION Analysis of origin, principles, enforcement, and adjudication of international law.

POLS 4421 International Organizations

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 or POLS 3450. Analysis of the formation, role, process, and politics of international organizations, such as the United Nations, and mechanisms of international cooperation.

POLS 4422 NGOs and World Politics

CREDIT HOURS 3.0

DESCRIPTION Survey of current literature on non-governmental organizations (NGOs) and global civil society and exploration of the various roles NGOs play in a variety of policy areas including the environment, human rights, international development, trade, humanitarian crises, women's issues, and security.

POLS 4423 Middle East in World Affairs

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 or POLS 4260. International relations of the Middle East (West Asia and North Africa), combining IR theory and the perspectives of policymakers and other actors of the region.

POLS 4424 Regional Organization Simulation

CREDIT HOURS 3.0

DESCRIPTION This course gives participants an opportunity to deepen their knowledge of the regional politics of the Arab World. Students will research and then represent member countries of the Arab League in simulations of debate and legislative forums of the organization. Students will learn, develop, and practice skills in debate, consensus building, critical thinking, parliamentary procedure, legislation drafting, and public speaking. Students will also learn to represent the interests and foreign policy objectives of the country they represent. Students will also participate as part of the Georgia State University Model Arab League Team at the Southeast Model Arab League (SEMAL), National Model Arab League (NMAL) and depending on availability of funds, an international model Arab League conference in the Spring Semester. They will also help run the High School Model Arab League.

POLS 4425 Politics of International Criminal Justice

CREDIT HOURS 3.0

DESCRIPTION Politics of international crimes, such as drugs and other contraband, fissile materials, Internet fraud, and war crimes, as well as the national and transnational conspiracies and organizations that commit or control these crimes.

POLS 4426 International Organization Simulation

CREDIT HOURS 3.0

DESCRIPTION Students will research and then represent a country in simulations of United Nations debate and legislative forums. Students will learn, develop, and practice skills in debate, consensus building, critical thinking, parliamentary procedure, legislation drafting, and public speaking. Students will learn to represent the interests and foreign policy objectives of the country represents. As part of the course students will participate as part of the GSU Model United Nations Team in National Model United Nations Conference in New York and, depending on availability of funds at an international Model UN Conference. In addition students are required to serve on the staff of the GSU High School MUN.

POLS 4427 Politics of International Human Rights

CREDIT HOURS 3.0

DESCRIPTION Analysis of international human rights issues and institutions at the multilateral, regional, and domestic levels. Attention to foreign policy, gender, minorities, disappearances, and genocide in various regions.

POLS 4430 International Political Economy

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 . Analyzes the politics of international economic relations.

POLS 4435 Studies in International Political Economy

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 . Topics may include international trade, monetary and financial relations, multinational corporations, and north-south relations among others. May be repeated for credit if topic varies.

POLS 4460 U S National Security Policy

CREDIT HOURS 3.0

DESCRIPTION Prerequisite (recommended): POLS 3400 . Major issues in U.S. national security policy.

POLS 4465 China in the International System

CREDIT HOURS 3.0

DESCRIPTION This course examines the impact of an increasingly powerful China on the international system. Its primary focus will be the evolving interaction between the United States and China.

POLS 4470 Causes of War

CREDIT HOURS 3.0

DESCRIPTION Prerequisite : POLS 3400 or POLS 3450. Conditions affecting the prospects for war and conflict within and between nation-states.

POLS 4475 War and Public Opinion

CREDIT HOURS 3.0

PREREQUISITES POLS 3400 recommended

DESCRIPTION Examines public opinion about war and international relations. Topics include public preferences surrounding issues of war and peace, how public opinion responds to war, and how the public opinion shapes and constrains the choices of leaders and foreign policy makers in democratic states.

POLS 4490 Studies in International Relations

CREDIT HOURS 3.0

DESCRIPTION Intensive treatment of a topic in International Relations. May be taken more than once if topic varies.

POLS 4510 Feminist Political Theory

CREDIT HOURS 3.0

DESCRIPTION The treatment of women in Western political thought. Various strands of feminist thinking: liberal, Marxist, socialist, radical, and postmodern.

POLS 4520 Theories on Democracy

CREDIT HOURS 3.0

DESCRIPTION This course examines democracy's theoretical foundation, looking both at contemporary and classical texts.

POLS 4550 Liberalism and Its Critics

CREDIT HOURS 3.0

DESCRIPTION A look at the theoretical foundations of America's most prominent public philosophy: liberalism. Reviews the work of nineteenth- and twentieth-century British, French, and American theorists.

POLS 4555 Contemporary Political Philosophy

CREDIT HOURS 3.0

DESCRIPTION This course examines contemporary thinking in political philosophy. Particular emphasis is placed on debates within the discipline over matters such as the ethics of war, abortion, civil rights, income distribution, judicial interpretation and homelessness.

POLS 4560 African-American Political Thought

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4120.) Examination and critical analysis of African-American political and social ideas.

POLS 4570 American Political Thought

CREDIT HOURS 3.0

DESCRIPTION Readings in the development of political ideas underlying American political institutions.

POLS 4585 Theorizing the Politics of Race, Class and Gender

CREDIT HOURS 3.0

DESCRIPTION Political questions concerning race, gender and class inequalities affect almost every political system in the contemporary world. The course will examine theories on the social construction of race and gender, post-colonial theory, and revisions to classic Marxist theories of social class.

POLS 4590 Studies in Western Political Theory

CREDIT HOURS 3.0

DESCRIPTION Analysis of a particular concept or period in political theory. May be repeated for credit if topic varies.

POLS 4780 Administrative Law and Government

CREDIT HOURS 3.0

DESCRIPTION Legal elements of the public administration environment, including the law in books and in action, regulatory activities, freedom of information, right to privacy, and legal control of administrative discretion.

POLS 4800 Advanced Research Methods

CREDIT HOURS 3.0

DESCRIPTION Prerequisite POLS 3800 with a grade of C or higher. The purpose of this course is to provide students with an introduction to advanced principles and applications of data analysis in political science. The course will review both the conceptual issues and methodological issues in using data analysis by working step-by-step through the key theoretical debates and practical issues of this type of research.

POLS 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

POLS 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES POLS 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component. This course may include a Signature Experience component.

POLS 4900 Senior Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES POLS 3800 with a C or higher

DESCRIPTION This course is a senior capstone seminar. All Political Science majors are required to take the seminar in their senior year. Several sections of the seminar may be offered each term. The focus/topic of the seminar varies depending on the interests of the faculty member(s) offering the course(s). Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Political Science majors.

POLS 4920 Directed Reading & Research

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Special directed research. Paper required. By arrangement at student request, as approved by the department. May be repeated for credit. This course may include a Signature Experience component.

POLS 4930 Legislative Internships

CREDIT HOURS 3.0 TO 9.0

PREREQUISITES consent of instructor

DESCRIPTION Program to combine academic training with professional experience through legislative internships. Paper required. This course may include a Signature Experience component.

POLS 4935 Urban Semester Internship

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION The purpose of this internship course is to give participating students some practical experience in supervised work with an urban governing or policy development/urban service delivery agency. Such organizations will include any of the 63 municipalities or 10 counties in the Atlanta Regional Commission?s ten-county metropolitan area, any government special districts (such as public school districts, MARTA, water management districts, etc.), or non-profit agencies specializing in community development issues. This course may include a Signature Experience component.

POLS 4940 Internships

CREDIT HOURS 1.0 TO 9.0

DESCRIPTION Program to combine academic training with professional experience through short-term internships. This course may include a Signature Experience component.

POLS 4945 Experiential Learning

CREDIT HOURS 3.0

DESCRIPTION This course is for students seeking Political Science major credit for internships they have secured with an external provider.

POLS 4951 Model United Nations

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION An exercise in modeling the process and politics of the United Nations. May be repeated for credit. This course may include a Signature Experience component.

POLS 4952 Model Arab League

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION (Same as MES 4230.) Classroom instruction and participation in academic team. History, culture, religion, economics and politics of the Arab World plus participation in the Southern Eastern Regional Model Arab League and the National Model Arab League. This course may include a Signature Experience component.

POLS 4955 Mock Trial

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION An exercise in modeling the process, analytical reasoning and theory of litigation. May be repeated for credit. This course may include a Signature Experience component.

POLS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

POLS 4996 Study Abroad: European Studies in Strasbourg, France

CREDIT HOURS 3.0

DESCRIPTION No course prerequisite. Contemporary politics and political economy of European integration. Designed specifically for those students participating in Georgia State University Study Abroad Program. This course may include a Signature Experience component.

PORT 1001 Elementary Portuguese I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Portuguese.

PORT 1002 Elementary Portuguese II

CREDIT HOURS 3.0

PREREQUISITES PORT 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Portuguese.

PORT 2001 Intermediate Portuguese I

CREDIT HOURS 3.0

PREREQUISITES PORT 1002 with grade of C or higher, or equivalent

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Portuguese.

PORT 2002 Intermediate Portuguese II

CREDIT HOURS 3.0

PREREQUISITES PORT 2001 with grade of C or higher, or equivalent

DESCRIPTION Continued development of listening, speaking, reading, and writing. Vocabulary expansion; further work with grammatical structures. Not open to native speakers of Portuguese.

PSYC 1100 Introduction to Biological Psychology

CREDIT HOURS 3.0

DESCRIPTION Explores the relationships of physiology and environment with behavior and mental processes. Examines the role of evolution through natural selection in shaping nervous system design and behavior, and the interplay of genetics and environment in both physiological and behavioral development. Emphasizes lower-level mechanisms of sensation and perception, motor action, and hormone effects, as well as higher-level processes involved in emotion, cognition, language, and social behavior. These topics are examined in both humans and nonhuman animals.

PSYC 1101 Introduction to General Psychology

CREDIT HOURS 3.0

DESCRIPTION A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing abnormal behavior, development, learning, memory, and personality.

PSYC 2030 Careers in Psychology

CREDIT HOURS 3.0

DESCRIPTION This course focuses on career planning and development issues for psychology majors. Using a combination of lecture, readings, and exercises, students will be exposed to information designed to assist in clarification, selection, and pursuit of a career in psychology or a related field. Topics include an overview of the undergraduate major in psychology, career options in psychology and related fields, preparation for employment with a bachelor's degree, preparing for and succeeding in graduate school, and applying for a job or to a graduate school.

PSYC 2040 Introduction to Applied Psychology

CREDIT HOURS 3.0

DESCRIPTION The goal of this course is to provide an overview of the major areas of applied psychology. How psychology has been applied toward improving individual well-being (e.g., clinical/counseling psychology), toward improving human performance (e.g., industrial/organizational psychology), and in the public interest (e.g., community psychology).

PSYC 2050 Introduction to Drugs and Behavior

CREDIT HOURS 3.0

DESCRIPTION (Same as BIOL 2050.) Provides an introduction to the effects of drugs on behavior. Topics include how drugs affect the brain and, consequently, behavior; the underlying brain and environmental factors thought to be responsible for drug addiction, tolerance and sensitivity; treatment of major psychological disorders (e.g., depression, mania, anxiety) with drug therapy; and the classification of common psychoactive drugs.

PSYC 2070 Introduction to Human Sexuality

CREDIT HOURS 3.0

DESCRIPTION Examination of human sexuality from three perspectives: physiological, clinical, and social. Topics include the neuroendocrine processes in sexual behavior, theories of psychosexual development, and the nature of contemporary sex roles.

PSYC 2101 Introduction to the Psychology of Adjustment: A Personal Growth Course

CREDIT HOURS 3.0

DESCRIPTION An introductory examination of the applied psychological theory and research concerning mental health and well- being.

PSYC 2103 Introduction to Human Development: Individual and Family Issues

CREDIT HOURS 3.0

DESCRIPTION An introductory, non-laboratory-based examination of human development across the lifespan with an emphasis on normal patterns of physical, cognitive, and social development.

PSYC 3110 Psychology of Interpersonal Behavior

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Conceptual and practical aspects of effective and ineffective interpersonal behaviors and communication. Practice in the development of effective interpersonal behaviors.

PSYC 3140 Abnormal Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION An examination of the defining characteristics, causes, and treatments of abnormal or maladaptive behaviors and psychopathology.

PSYC 3450 Health Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Emotional, social, and behavioral aspects of wellness, illness, disability, and death. The underlying biopsychological basis of these topics will be studied as well as the relevant intervention methodologies.

PSYC 3510 Introduction to Research Design & Analysis

CREDIT HOURS 4.0

PREREQUISITES MATH 1070, MATH 1101, MATH 1111, MATH 1113 or MATH 1220 with grade C or higher

DESCRIPTION Course provides an introduction to research design, data analysis, and scientific communication as applied to psychological research questions. Topics include research ethics, fundamentals of hypothesis testing and research design, descriptive data collection techniques, and data analysis and interpretation using z-scores, correlation and regression, chi-square tests of independence, and t-tests. Concepts are introduced to the full class through lecture and discussion, then applied during learning groups and online activities. Student progress is assessed via online quizzes and in-class examinations. Students who are unable to pass PSYC 3510 with a grade of C or better in two attempts shall not be permitted to repeat the course or to enroll in any departmental courses for which PSYC 3510 is a prerequisite.

PSYC 3520 Introduction to African-American Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION (Same as AAS 3050.) Examination of theory and research pertaining to African-Americans with emphasis on the Afrocentric perspective.

PSYC 3530 Advanced Research Design/Data Anylasis CTW

CREDIT HOURS 4.0

PREREQUISITES a C or better in PSYC 3510

DESCRIPTION PSYC 3530 provides psychology majors with experience in research design, data analysis, and scientific communication needed for 4000-level courses. Topics include experimental design, comparisons of multiple groups, and the structure and style of scientific writing in psychology. PSYC 3530 serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors. Students who are unable to pass PSYC 3530 with a grade of C or better in two attempts shall not be permitted to repeat it or to enroll in courses for which it is a prerequisite.

PSYC 3570 Multicultural Issues in Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher

DESCRIPTION Exposes students to broad range of psychological topics and issues associated with diversity and explores human diversity from a wide range of theoretical and methodological perspectives that reflect cultural influences. Global Perspectives Course.

PSYC 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

PSYC 3901 Study Abroad in Psychology

CREDIT HOURS 1.0 OR 6.0

PREREQUISITES permission of instructor

DESCRIPTION Special international topics in psychology completed at a study abroad location. This course may include a Signature Experience component.

PSYC 4000 Lab Experience in Psychology

CREDIT HOURS 3.0

DESCRIPTION Provides psychology majors with experience in research design, data analysis, and scientific communication needed for the development and writing of senior-year theses and graduate study. Topics include designing an original research project on a psychological topic, analyzing data, and presenting the findings in an APA-style research report. PSYC 4000 serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors.

PSYC 4020 Social Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC1101 and 3510 with grades of C or higher, or equivalent

DESCRIPTION A survey course that covers perception of the self and others; communication and influence; interpersonal attraction and aggression; altruism; group performance and conflict; and cultural differences. Cognitive and biological factors, the importance of social settings, and the interplay between personality and social interaction are emphasized.

PSYC 4030 Cross-Cultural Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC1101 and PSYC3510 with grades of C or higher, or equivalent

DESCRIPTION The influence of culture on human cognition, emotion, and behavior with focus on theory and research in developmental, personality-social, health, and organizational psychology.

PSYC 4040 Developmental Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Current scientific thinking about development, focusing primarily, but not exclusively, on the development of human infants and children.The integration of theoretical, research, and practical orientations is emphasized. Topics include genetics and prenatal development, infancy, language acquisition, and the cognitive and social developments of early and middle childhood.

PSYC 4050 Drugs and the Nervous System

CREDIT HOURS 3.0

PREREQUISITES PSYC 1100 or PSYC 2050, and PSYC3510 with grades of C or higher, or consent of instructor

DESCRIPTION This course provides an in-depth and advanced exploration of the neuronal and chemical mechanisms underlying psychoactive drug action as well as compulsive drug usage. The focus will be both on drugs of abuse as well as pharmacological interventions in neural/behavioral disorders.

PSYC 4100 Cognitive Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101, PSYC 3510, and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION Describes cognitive phenomena, explains and utilizes research methods in cognitive psychology, discusses theories about the phenomena, and considers assumptions on which the theories and research are based.

PSYC 4110 Physiological Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher and PSYC 3510 and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION Explores the relations between biological and mental processes. Nervous system functions in the control of behavior are emphasized. The anatomy, physiology, and chemistry of the nervous system are reviewed, and the scientific analysis of the relations of these biological processes to psychological phenomena is presented. Evidence from research involving both the physiological manipulation of animal models and the accidental and pathological alterations of humans included.

PSYC 4116 Primate Behavior: Field and Laboratory

CREDIT HOURS 3.0

PREREQUISITES BIOL 3840 or PSYC 4110 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Two lecture and two laboratory hours a week. Non-human and human primate origins of cognition, language, mythology, rituals, tool use, nonverbal expressions, symbolism, sexuality, and aggression.

PSYC 4120 Learning

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101, PSYC 3510, and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION Describes learning phenomena, explains and utilizes research methods in learning, discusses theories of learning, and considers assumptions on which the theories and research are based.

PSYC 4125 Learning Lab

CREDIT HOURS 1.0

PREREQUISITES PSYC 4120 with a grade of C or higher, or equivalent, or current enrollment in PSYC 4120

DESCRIPTION Students will experience laboratory activities related to the psychological study of learning. Topics and activities will include classical conditioning, operant conditioning, habituation and dishabituation, sensitization, relational learning, memory, and brain-behavior relations. Psychology majors, particularly those who plan to attend graduate school, are encouraged to register.

PSYC 4130 Sensation and Perception

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101, PSYC 3510, and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION (Same as BIOL 4130.) Experimental analysis of sensory and perceptual processes at both a physiological and a psychophysical level. The five primary sensory systems will be covered: vision, audition, touch, taste, and smell.

PSYC 4140 Introduction to Psychophysiology

CREDIT HOURS 4.0

PREREQUISITES Upper division standing; PSYC 3510 and PSYC 3530 with grades of C or higher, or equivalent; and consent of instructor

DESCRIPTION Three lecture and two laboratory hours a week. A laboratory course on the area of psychology known as psychophysiology. Covers the use of physiological techniques in understanding psychological phenomena (e.g., sensation and perception, memory, language, etc.), the rationale and application of various psychophysiological methodologies including heart rate monitoring, electrodermal activity, the electromyogram (EMG), electroencephalogram (EEG, "brain waves"), event-related brain potentials (ERPs), and other types of brain imaging techniques (functional MRI, PET, and MEG). Demonstrates how these various measures inform scientists about the workings of the brain and peripheral nervous system in producing thinking and behavior.

PSYC 4160 Theories of Personality

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Includes Freudian psychoanalysis, derivatives of classic psychoanalysis, humanism, existentialism, and behaviorism. Lectures cover contributions of major theorists from each school, key theoretical points from each perspective, critiques of the value of and the limitations of each theory, and comparisons between theoretical ideas.

PSYC 4220 Introduction to Behavior Modification

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 and PSYC 3510 with grades of C or higher, or equivalent

DESCRIPTION Basic principles underlying behavior modification and behavior therapy. Emphasis is placed upon empirical findings.

PSYC 4300 Adolescent Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Characteristics and theories of adolescent development.

PSYC 4400 Psychology of the Atypical Child

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Problems of children with cognitive, physical, learning, or emotional difficulties or limitations, with emphasis upon diagnostic and corrective approaches.

PSYC 4510 Community Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Survey of community psychology, including its theoretical and political roots, research approaches, and models of prevention and intervention.

PSYC 4520 Environmental Psychology

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION (Same as GEOG 4782.) Introduction to environmental psychology focusing on the relations between individuals and their natural and built environments. Topics include cognitive mapping of physical space, stress, crowding, and the applications of psychology to alleviating environmental problems.

PSYC 4560 Psychology of Animal Behavior

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION Psychological, genetic, physiological, and ecological bases of animal behavior. Basic adaptive mechanisms and their importance for understanding human behavior.

PSYC 4605 Psychological Perspectives on Intimate Violence

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher and PSYC 3510 and PSYC 3530 with grades of C or higher, or equivalents

DESCRIPTION In-depth consideration of psychological perspectives on the development and prevention of, and intervention for, intimate violence including a focus on the use of psychological research in public policy solutions.

PSYC 4610 Psychology of Aging

CREDIT HOURS 3.0

PREREQUISITES PSYC 1101 with grade of C or higher, or equivalent

DESCRIPTION (Same as GERO 4610.) Psychological contributions to the understanding, prevention, and treatment of normal and abnormal changes of later life.

PSYC 4620 Psychology of Women

CREDIT HOURS 3.0

PREREQUISITES PSYC1101 and PSYC3510 with grades of C or higher, or equivalent

DESCRIPTION Historical and developmental themes regarding the psychology of women, issues of capacities, choices, stereotypes, status, psychological adjustment, and diversity in women.

PSYC 4630 Hormones and Behavior

CREDIT HOURS 4.0

PREREQUISITES BIOL 3840 with grade of C or higher, or equivalent

DESCRIPTION (Same as BIOL 4241 and NEUR 4420.) Interaction of nervous and endocrine systems in the control of behavior of mammals, including humans, with emphasis on the mechanisms that adapt behavior to the changing physical and social environment.

PSYC 4650 Psychology: Special Topics

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES permission of the instructor

DESCRIPTION Topics presented by special request.

PSYC 4760 Research Practicum in Psychology

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Sophomore standing, Psychology GPA of 3.0 or higher, overall GPA of 2.5 or better, authorization by the department, and advising by the department advisor

DESCRIPTION Directed research involving the application of the principles and methods of psychology. Weekly supervisory meetings and written work are required. A full-time faculty supervisor is required. An off-campus supervisor may be used from community-based research practica with the permission of an assigned faculty advisor. This course may include a Signature Experience component.

PSYC 4770 Applied Practicum in Psychology

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES PSYC 3110 with grade of C or higher, or equivalent, sophomore standing, Psychology GPA of 3.0 or higher, overall institutional GPA of 2.5 or higher, authorization by the department, and advising by the department advisor

DESCRIPTION Directed experience in the application of the methods and principles of psychology in a non-research activity. Weekly supervisory meetings and written work are required. A full-time faculty supervisor is required. An off-campus supervisor may be used from community-based practica with the permission of an assigned faculty advisor. This course may include a Signature Experience component.

PSYC 4800 Seminar-CTW

CREDIT HOURS 3.0

PREREQUISITES PSYC 3530 with grade of C or higher, be officially enrolled as a Psychology major, and be in good academic standing

DESCRIPTION Preparation and presentation of survey reports and summaries of recent advances and trends in major areas of psychology (preference to seniors). Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all psychology majors.

PSYC 4860 Advanced Research Practicum in Psychology

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Junior standing; 6 hours of PSYC 4760, Psychology GPA of 3.0 or higher, overall GPA of 2.5 or better, permission from faculty supervisor, authorization by the department, and advising by the department advisor

DESCRIPTION Directed research involving the application of the principles and methods of psychology that goes above and beyond research conducted in PSYC 4760. Weekly supervisory meetings and a final written project are required. A full-time faculty supervisor is required. An off-campus advisor may be used for community-based research practica with the permission of the practicum coordinator. This course may include a Signature Experience component.

PSYC 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

PSYC 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

DESCRIPTION Prerequisities: PSYC 4870 with grade of C or higher, good standing with the Honors College and consent of instructor. Writing or production of honors thesis or project. This course may include a Signature Experience component.

PSYC 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

PH 3000 Introduction to Public Health

CREDIT HOURS 3.0

DESCRIPTION This course provides a big-picture, population perspective on the determinants of health and disease and the tools available to protect and promote health. It examines the full range of options for intervention including use of the health care system, the public health system, and society-wide interventions such as laws and taxation. Students will learn how public health affects them in their everyday lives. Using case studies, vignettes, and extensive examples, they will learn and apply frameworks for thinking about the issues of public health. They will gain a deeper understanding about the health news they hear, the web sites they visit, and the research they read.

PH 3001 Introduction to Epidemiology

CREDIT HOURS 3.0

DESCRIPTION This course introduces learners to population based approach to health and describes the full range of options for intervention to promote health and prevent disease. The course will cover basic principles of epidemiology, including epidemiological measures, association and causality, descriptive and analytic epidemiology, and outbreak investigation. Students will gain a deeper understanding of the role of epidemiology in the policy arena.

PMAP 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

PMAP 3011 Policy and Politics in the American City

CREDIT HOURS 3.0

DESCRIPTION This course is designed to introduce students to the study of policy and political issues in American cities. It draws upon a variety of the social sciences to answer questions such as how cities have changed over time, what kinds of people live in cities, why people and things are located where they are in cities, how people in cities earn a living, and how cities are governed. Often, Atlanta will serve as a case study for illustrating many of the issues that will be considered. Cities Perspectives Course.

PMAP 3021 Citizenship, the Community, and the Public Sector

CREDIT HOURS 3.0

DESCRIPTION Citizenship is a basic component of a democratic society. Students in this course learn the structure of the federal system as well as the responsibilities and obligations of an individual to government at all levels. Emphasis is placed on the variety of roles an individual can play in relationship to the public sector. The role of the individual as a part of the larger community is also considered. Students are expected to become active participants in public and community affairs.

PMAP 3031 Policy Leadership

CREDIT HOURS 3.0

DESCRIPTION The course introduces students to leaders from a variety of backgrounds. These individuals have led organizations in the business, nonprofit, and public sectors. Each will share his or her perspective on leading an organization through policy changes. Opportunities for reflection on these presentations will permit students to compare the practice and theory of policy leadership. A special emphasis is placed on ethical issues in leadership.

PMAP 3111 Urban Political Economy

CREDIT HOURS 3.0

DESCRIPTION An examination of the intersection of the political and economic systems in the United States and how they impact urban areas. Of particular interest are urban development policies. Cities Perspectives Course.

PMAP 3210 Introduction to Nonprofits

CREDIT HOURS 3.0

DESCRIPTION The course provides an overview of the nonprofit sector in society with a consideration of the nonprofit sector's relationship to government and business. Attention will be given to the social settings in which nonprofit organizations function, the role of the nonprofit sector in the economy, and the range of services these organizations produce. The intent of the course is to increase students' awareness of the role and importance of the nonprofit sector and the potential of nonprofits as a place for employment. The class is required for all students in the Nonprofit Leadership concentration in the BS degree with a major in Public Policy.

PMAP 3211 Career Development in Public and Nonprofit Organizations

CREDIT HOURS 3.0

DESCRIPTION This course focuses on policies and methods used to align the career plans and aspirations of employees with the goals and critical skills needs of public and nonprofit agencies. Major career development system components are examined, including targeted selection, job enrichment, fast-tracking, core competency asessments, work-family programs, diversity initiatives, executive development, and succession planning. Career planning and development issues and problems that affect persons during different career and life stages are addressed.

PMAP 3213 Nonprofit Financial Resources

CREDIT HOURS 3.0

PREREQUISITES PMAP 3210

DESCRIPTION Nonprofit organizations support themselves through many different sources including charitable gifts and grants, government grants and contracts, earned income from fees, memberships and sponsorships, returns on investments, volunteer labor, and gifs-in-kind and other sources. This course is intended to introduce students to the practical considerations involved in developing and utilizing particular sources of income so that nonprofit organizations can effectively advance their particular missions, sustain the infrastructure of their organizations and remain financially healthy.

PMAP 3231 Nonprofit Leadership and Management

CREDIT HOURS 3.0

DESCRIPTION This course will examine the theorical and practical differences associated with leading and managing nonprofit organizations in contrast to for-profit and government organizations. Theories and analytic frameworks about leadership and management will be examined along with the appropriate roles and responsibilities of leaders and managers of nonprofit charitable organizations. In addition, other topics to be covered include, but are not limited to, board governance, philanthropy, program evaluation, public-private partnerships, and accountability. The role of leaders and managers will be integrated in all discussion topics throughout the course.

PMAP 3311 Critical Policy Issues-CTW

CREDIT HOURS 3.0

DESCRIPTION This course examines a selected number of critical issues in public policy. The course provides a view of how the processes of public policy operate from agenda setting through formulation and legitimation to implementation and eventual evaluation with examples drawn from several areas of policy.

PMAP 3411 Contemporary Planning

CREDIT HOURS 3.0

DESCRIPTION This course introduces the student to the principles, issues, and practice of urban planning. It reviews the history of planning, models of the planning process, and issues in contemporary urban planning practice in several substantive specialities, including transportation, land use, environmental, and economic development planning. Cities Perspectives Course.

PMAP 3421 Urban Transportation Planning

CREDIT HOURS 3.0

DESCRIPTION This course will cover automobile, public transit, airport, bicycle, pedestrian, and non-traditional transportation modes. Land use, sprawl, demand management, coordinated human services, and project prioritization are topics which will be covered.

PMAP 3801 Public Administration and Politics

CREDIT HOURS 3.0

DESCRIPTION Bureaucratic polities and behavior in the political process. The role of bureaucrats in policy making and implementation agency strategies, relations with other executive agencies and with the legislature, the president, the judiciary and clientele groups.

PMAP 3831 Governmental Budgeting

CREDIT HOURS 3.0

DESCRIPTION (Same as POLS 3770.) A study of fiscal planning and management in the administrative process, budgetary theory, and the budget process.

PMAP 4041 Policy Data Analysis

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 with a minimum grade of C

DESCRIPTION This course focuses on quantitative research methods applicable to the study of public policy. Students will be introduced to the use of descriptive statistics as well as to the development and testing of empirical hypotheses using basic inferential statistical methods.

PMAP 4051 Evaluating Public Policy-CTW

CREDIT HOURS 3.0

PREREQUISITES MATH 1070 with a minimum C grade

DESCRIPTION This course will survey research methods applicable to the evaluation of public policy. Course topics will cover fundamental techniques and practice of program evaluation for effectiveness in program administration. The course contrasts deductive and inductive approaches as well as the advantages of using evaluation as a mechanism for program improvement. The department has designated Evaluating Public Policy as a CTW (Critical Thinking through Writing) course.

PMAP 4061 Introduction to Policy Analysis

CREDIT HOURS 3.0

PREREQUISITES ECON 2105 and ECON 2106 with a minimum C grade

DESCRIPTION The purpose of this course is to introduce students to the principles of policy analysis. The course will consider concepts such as market failure, public goods, and externalities, as well as other justifications for government involvement. The course will also consider the relationship between public goals and the design of policy and will survey the use of generic policy tools such as regulation, markets, and subsidies. These concepts will be presented using practical examples involving the public sector, and students will practice application through problem solving.

PMAP 4211 Human Resource Management Systems in Public and Nonprofit Organizations

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to human resource management in public and nonprofit organizations. The course focuses on the myriad human capital issues and challenges facing today's leaders, managers, and human resource professionals in these 2 sectors. Topics covered include but are not limited to the recruitment, selection, motivation, rewarding, training, and retention of staff, equal employment opportunity, diversity, and employee productivity and job satisfaction in public and nonprofit organizations. Effective policies and best practices in the effective management of the changing workforce in the United States will be emphasized. Students will have an opportunity to explore selected topics in public and nonprofit human resource management in depth.

PMAP 4301 Local Governance

CREDIT HOURS 3.0

DESCRIPTION An introductory course for urban governance students and others interested in the management of local government. The course encompasses public administration, political science, management and other subjects. Cities Perspectives Course.

PMAP 4401 Urban Demography and Analysis

CREDIT HOURS 3.0

PREREQUISITES PMAP 3411

DESCRIPTION A course using computer spreadsheets and assigned readings to analyze planning and economic development issues. Case problems may include population, employment, land use, environmental, and transportation examples. Cities Perspectives Course.

PMAP 4411 Introduction to the Law for Public and Nonprofit Managers

CREDIT HOURS 3.0

DESCRIPTION This course provides a broad overview of the legal issues facing employees of public and non-profit entities. Special empahsis is placed on the legal rules and principles that guide public and nonprofit managers in administering their respective organizations. The course also considers how laws and regulations impact current working relationships between government and private concerns.

PMAP 4421 GIS Application to Planning and Policy Analysis

CREDIT HOURS 3.0

DESCRIPTION Geographic Information System (GIS) technology is widely used for planning and policy analysis in government agencies, and in the private and non-profit sectors. This introductory course provides students with a good conceptual foundation in data types & sources, coordinate systems, map design, spatial analysis and GIS applications. Students also learn the basic functions of ArcGIS software to integrate data from a variety of sources, conduct basic spatial analysis and produce quality map products. Cities Perspectives Course.

PMAP 4451 Economic Development Policy

CREDIT HOURS 3.0

PREREQUISITES PMAP 3411

DESCRIPTION An overview of recent literature and examples of options available to communities as they plan and finance economic development activities. Cities Perspectives Course.

PMAP 4901 Directed Readings

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES consent or instructor

DESCRIPTION This course provides the opportunity for students to focus attention on a specific area of interest. It may not be used to substitute for a course that is offered on a regular basis.

PMAP 4911 Selected Topics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION A seminar designed to explore in depth the most recent issues and/or research results in a particular area of urban affairs. May be repeated if topic varies.

PMAP 4941 Internship

CREDIT HOURS 3.0

REQUIREMENTS Placement must be approved by the department's internship coordinator, with faculty supervision during employment

DESCRIPTION The academic internship provides senior students with opportunities to broaden and extend their foundation knowledge from the classroom to the world of work. This course may include a Signature Experience component.

PMAP 4981 Practicum

CREDIT HOURS 3.0

PREREQUISITES consent of instructor and cumulative GPA of at least 3.0.

DESCRIPTION It will typically entail a project encompassing one or more aspects of human resources. The course is grades S/U. This course may include a Signature Experience component.

EDRD READING EDUCATION

EDRD 0071 Academic Reading

CREDIT HOURS 3.0

PREREQUISITES Learning Support Program students only

DESCRIPTION Prepares students for college-level reading, focusing on reading, studying, writing about, and taking tests on the content of texts from various disciplines represented in the undergraduate curriculum. Special emphasis is given to learning and integrating information from multiple sources such as textbook chapters, journal articles, books, and lectures.

EDRD 2200 Reading for Undergraduate Success

CREDIT HOURS 3.0

DESCRIPTION The primary objective of this course is to support students in developing reading fluency in an academic context so that they may perform successfully in reading a variety of academic texts in their undergraduate courses across the disciplines. The course focuses on strategies for reading comprehension, developing vocabulary, recognizing main ideas, skimming, scanning, and inferring meaning from context. All reading skills addressed in this course may be applied to other academic courses in the university.

EDRD 3400 Reading the World of 21st Century Texts

CREDIT HOURS 3.0

DESCRIPTION This course will examine the act of reading texts effectively in the 21st century. Students will discuss what it means to be a literate person in a technological society and will explore constructs that relate to their understandings of texts, their literacy histories and communities, the academy, and national and international literacy sectors. Building on students prior knowledge and experiences, students will participate in unique and creative on- and off-line interactive activities and demonstrations to help them make sense of themselves as literate individuals, to help them develop strategies for reading and comprehending texts of all kinds, and to help them develop expertise in negotiating the rapidly changing technological world around them.

EDRD 3490 Topics in Middle Childhood Reading

CREDIT HOURS 3.0

DESCRIPTION Focuses on the reading process and on reading instruction as it relates to the needs of pre/early adolescent students in middle childhood. Major emphases include understanding the factors that affect reading, critical analyses of reading materials and strategies used in the content areas, understanding ways to facilitate students' learning from texts, and understanding interdisciplinary instruction. School experience included.

EDRD 3500 Assessment and Instruction of Middle Childhood Students with Reading Difficulty

CREDIT HOURS 3.0

DESCRIPTION This course involves preservice teachers in working one-on- one with a middle childhood student having difficulties in reading. Emphases include understanding readers' attitudes, interests, and perceptions of reading, assessing reader's strategies and ability to construct meaning, and planning appropriate literacy experience in light of assessment information.

EDRD 3600 Family Literacy and Community Learning

CREDIT HOURS 3.0

DESCRIPTION This courses focuses on scholarship by literacy and language researchers who utilize diverse methodologies and practical applications in understanding families literate and community lives and learning. This course involves learning and working with diverse populations, in and out of school contexts, through nonprofit sectors and parent, family and community agencies for human learning and development. In addition, this course allows students to gain knowledge in family and school involvement, urban education, English as second language, and popular culture and digital and social media.

EDRD 4450 Concepts and Methods for Reading in Middle Childhood Education

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDLA 4400, EDMT 4460, EDSC 4470, or EDSS 4480, and EDCI 4600, and EDRD 4600

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle grades instruction in reading. Procedures for planning, implementing, and reflecting on reading instruction are applied in a school setting, including planning and managing of classroom literacy events based on assessment information. Additional emphases include a supervised classroom experience where students (1) examine ways of recording, analyzing, and using assessment information in daily classroom instruction; and (2) consider cultural, psychological, social, and political issues associated with traditional ability groups and design alternative approaches to ability grouping that meet students' needs.

EDRD 4600 Reading and Writing in the Content Areas-CTW

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDCI 4600 and two of the following: EDLA 4400, EDMT 4460, EDRD 4450, EDSC 4470, or EDSS 4480

DESCRIPTION In this course students examine reading and writing instructional strategies and materials in the content area classroom. Emphases are on adolescent literacy development, the process of reading and writing in middle grades, the role of textbooks and trade books, concept development, comprehension, vocabulary, and study strategies. This course is a Critical Thinking Through Writing (CTW) course.

RE 3010 Real Estate Principles

CREDIT HOURS 3.0

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course is a prerequisite to all senior courses in real estate. It introduces the student to the nature of real estate and the principles of real estate analysis and utilization. Subjects include the real estate commodity and real property; the legal instruments involved in real property transactions; market analysis and the determinants of real estate values; the appraisal process and valuation techniques; investment and financial analysis; public aspects of real estate planning and land utilization; and technological impacts such as the Internet.

RE 4050 Real Estate Development

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course covers the real estate development process focusing on the physical/design dimension. It examines building economy through review of design, construction, and analysis procedures such as the site suitability analysis, cost engineering, and life cycle-costing. The course considers the impact of technology and virtual economic arrangements on the form and design of physical structures and the function of changing technical and economic activities on space needs. Traditional and technical databases and resources such as the Internet are incorporated.

RE 4100 Residential Property Valuation

CREDIT HOURS 3.0

PREREQUISITES RE 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION CSP 1, 6, 7. This course covers the theory and techniques of appraising residential real estate by examining the principles of appraising, the appraisal process, and standards of performance. Elements of the Freddie Mac and Fannie Mae Uniform Residential Appraisal Report will be treated. The residential sales comparison, cost, and gross income capitalization approaches to valuing residential properties are presented. Methods of collecting and analyzing primary and secondary data from a variety of sources such as the internet are presented and used in preparing a demonstration appraisal report. The student is prepared to challenge beginning professional designation examinations.

RE 4150 Real Estate Finance and Mortgage Banking

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours CSP 1, 2

DESCRIPTION Principles and methods of financing real estate, sources of funds, types and contents of financing instruments, and the role of various financing institutions, both private and governmental, are covered in this course. The latest electronic technology is incorporated wherever possible.

RE 4160 Real Estate Investment Analysis -CTW

CREDIT HOURS 3.0

PREREQUISITES RE 4150, and BCOM 3950, and MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION In this course students apply investment principles and analytical techniques to decisions about real property. Emphasis is on the estimation of revenues, expenses, and risk/return relationships in investment valuation of real property, including yield rates and capitalization rates used in valuation as well as discounted cash flows. The effects of financing, income taxes, and entity selection upon investment performance are also considered. Students practice investment analysis using electronic technology. This course is the second designated Critical Thinking through Writing (CTW) course for students pursuing a BBA degree in Real Estate.

RE 4389 Directed Readings in Real Estate

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES RE 3010, and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

RE 4410 Income Property Valuation

CREDIT HOURS 3.0

PREREQUISITES RE 4150 or RE 4160 or Consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6

DESCRIPTION The focus of this course is on the market valuation of income producing real estate stressing the market, cost, and income approaches to value. Of importance is the evolving relevance of real estate valuation information to corporate financial reporting and the needs and functions of corporate and investment fiduciaries. Both normative and actual models of valuation are presented and contrasted. Sources of appraisal error and bias are also examined.

RE 4700 Real Estate Analysis-CTW

CREDIT HOURS 3.0

PREREQUISITES RE 3010, and RE 4050, and RE 4150, and RE 4160, and BCOM 3950, and BUSA 3000

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CPS 1, 2, 6, 7

DESCRIPTION This course focuses on the application of concepts learned in the courses in the real estate major. Students may analyze comprehensive cases, work on integrated projects, and study current issues in the real estate industry. Assignments will provide experience in critical thinking and problem solving using both mathematical analysis and writing with the support of appropriate technology. This course is the second designated Critical Thinking through Writing (CTW) course for students pursuing a BBA degree in Real Estate.

RE 4800 Applied Real Estate Market Analysis

CREDIT HOURS 3.0

PREREQUISITES RE 3010, and ECON 2105, and ECON 2106

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2

DESCRIPTION In this course students examine the processes used to analyze supply and demand in the real estate market. The course focuses on using research methodologies to define the scope of analysis; identify data needs; collect information from various sources, including on-line resources; and interpret the results. Applications to different property types are discussed. Current market trends are also examined.

RE 4810 Management of Real Estate Assets

CREDIT HOURS 3.0

PREREQUISITES RE 3010

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course provides the basic knowledge and skills in the area of management of real property. Factors affecting cash flows are examined as well as the impact of human behavior on the acquisition, holding, and disposition of properties. Topics may include property management, planning/control and marketing techniques, electronic database management and analysis, real estate brokerage and asset management techniques, negotiation, and e-commerce aspects of real estate asset management.

RE 4950 Urban Development Regulations

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 7

DESCRIPTION This course is concerned with the governmental constraints applied to the physical growth and development of urban areas. The course materials trace the development of the rules, regulations, enabling acts, codes, ordinances, administrative practices, and related procedures as they apply to the growth, development, and redevelopment of cities, suburbs, and countryside.

RELS 2001 Introduction to World Religions

CREDIT HOURS 3.0

DESCRIPTION Introduction to the academic study of the world's major religious traditions, including their beliefs, practices, sacred texts, and moral codes. Religions to be examined may include Buddhism, Hinduism, Confucianism, Taoism, Shinto, Judaism, Christianity, Islam, Native American traditions, and African religions.

RELS 3050 Introduction to Religion

CREDIT HOURS 3.0

DESCRIPTION Introduction to the study of religion with reference to its historical, philosophical, and ethical significance. The meaning of religious institutions, texts, and world views will be explored through the study of selected traditions.

RELS 3060 Religion and Science

CREDIT HOURS 3.0

DESCRIPTION Explores contemporary perspectives on the relation between religion and science as well as historical conflicts that arose over new forms of scientific knowledge. Topics may include the Galileo controversy, debates about Newtonian physics, conflicts between creationism and evolution, scientific studies of prayer and the afterlife, and recent advancements in biomedical research.

RELS 3100 Utopia and Dystopias

CREDIT HOURS 3.0

DESCRIPTION This course will examine the conundrum of Utopia and Dystopias, including their relationship of historical circumstances in which they were conceived. The course will explore the ways in which the following themes figure in the two genres: labour, sexuality and reproduction, finitude of natural resources, the best form of social organisation and the ideal political structure to bring it into existence.

RELS 3200 Indigenous Religions of the Americas

CREDIT HOURS 3.0

DESCRIPTION Explores indigenous American religions through a series of themes that link several geo-cultural groups that span and represent native North, Meso- and South America. Examines themes such as creation, land, language, ritual, performance and material culture in historical and contemporary cultures native to the Americas, including the Mexica-Aztec, Maya, Inca, Southeastern Ceremonial Complex, Navajo, Lakota (Sioux), Ojibwe (Anishinaabeg) and other.

RELS 3230 Philosophy of Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 3230.) Issues such as the nature of religion, arguments for the existence of God, the problem of evil, faith and reason, religious experience, immortality, myth and symbol, and alternative religious philosophies.

RELS 3250 Biblical Studies

CREDIT HOURS 3.0

DESCRIPTION Introduction to the interpretation, history, and theology of the Hebrew Bible and New Testament. Modern methods of biblical scholarship, such as hermeneutics and form/source criticism.

RELS 3255 Relition in American Life

CREDIT HOURS 3.0

DESCRIPTION This course will give you a basic understanding of the history of religion in the United States. The history of American religion, like the history of American culture in general, is enormously complex, a tale of fertile pluralism, disagreement, and conflict.

RELS 3260 Asian Religions in America

CREDIT HOURS 3.0

DESCRIPTION Introduction to the history and development of Asian religious traditions in the United States, focusing on Buddhism, Hinduism, and Sikhism. Consideration given to immigrant practitioners and American-born converts. Also will consider how Asian religions have shaped American culture.

RELS 3270 Survey of World Religions

CREDIT HOURS 3.0

DESCRIPTION Survey and comparison of the beliefs and practices of the major world religions including Christianity, Islam, Judaism, Buddhism, and Hinduism. Global Perspectives Course.

RELS 3290 Jesus Inside and Outside the Gospels

CREDIT HOURS 3.0

DESCRIPTION Comparative study of portrayals of Jesus as they have evolved over the past two millenia. Topics may include the differences between the Synoptic and Johannine materials, non-canonical gospels, the way Jesus is depicted in texts from other religions (e.g., Quran, Gandhi's "What Jesus Means to Me"), and visual depictions of Jesus, including in modern media such as film and the internet.

RELS 3300 Early Christianity

CREDIT HOURS 3.0

DESCRIPTION Topics may include God, faith, the role of the Church, and the nature of human beings in the thought of figures such as Paul, Augustine and Aquinas; and alternatives to Orthodoxy such as Gnosticism, Arianism, and Pelagianism.

RELS 3305 Modern Christian Thought

CREDIT HOURS 3.0

DESCRIPTION Examination of the development of Christian thought from the 16th century to contemporary times. Topics may include the thought of figures such as Luther, Kierkegaard, and Schleiermacher; the rise of rationalism and science; and anti-Christian thinkers.

RELS 3310 Contemporary Religious Thought

CREDIT HOURS 3.0

DESCRIPTION Topics such as religious existentialism, hermeneutics, liberation theology, fundamentalism, and feminist theology.

RELS 3350 New Religious Movements

CREDIT HOURS 3.0

DESCRIPTION Examination of new and emerging religious movements. Topics may include recent apocalyptic and messianic movements, Mormonism, Baha'i, Soka Gakkai, Christian Science, the Unification Church, and Santeria.

RELS 3400 Introduction to Judaism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3400.) Central practices and beliefs of the Jewish tradition; historical development of Judaism from its origins to the re-establishment of the state of Israel with thematic attention given to the concept of Jewish identity. Texts include primary sources (e.g., Hebrew Bible, Mishnah) in translation, as well as noted Jewish fiction.

RELS 3500 Introduction to Islam

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3500.) Central practices and beliefs of Islam; readings from the Qur'an, hadith, and other primary sources (in translation); and contemporary issues in Islam which might include the status of women, Nation of Islam, and Islamic fundamentalism/revivalism.

RELS 3520 Sufism and Islamic Mysticism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 3520.) This course offers an advanced survey of some of the most distinguishing characteristics of Sufism. Topics to be covered include: The rise of ascetic and mystical tendencies in Islam; the development of Sufism and the Sufi brotherhoods; the conflict between Sufism and Islamic law, and their eventual reconciliation; anti-Sufi polemics of reformers and fundamentalists in modern times; the continuing importance and vitality of Sufism today.

RELS 3530 Muslim Women: Issues and Practices

CREDIT HOURS 3.0

DESCRIPTION Examines the ways that Muslim women have been portrayed as victims of patriarchal norms, as well as the ways in which Islam has provided Muslim women with a platform to engage in action in public and private arenas. Explores the historical conditions within which gender norms and practices associated with Islam have become sites of contestation.

RELS 3600 Greek Mythology

CREDIT HOURS 3.0

DESCRIPTION The course is designed to provide a survey of Classic Greek mythology as embedded primarily in the Homeric poems, and then to explore the subsequent history of transformative adaptation, contestation, conscious appropriation, or outright rejection of that tradition in subsequent historical periods. Structuring the course in this way will permit surprising connections, such as viewing Socrates and Jesus as mythic figures; viewing the New Testament as a chapter in the history of Greek literature; viewing Roman adaptations as more creative and less crudely imitative than is normally allowed; and looking at the Classical rediscovery among several prominent African-American and Afro-Caribbean writers.

RELS 3750 Theories and Methods in Religious Studies-CTW

CREDIT HOURS 3.0

DESCRIPTION A writing-intensive introduction to methodological and theoretical issues in the academic study of religion. Psychological, anthropological, sociological, phenomenological, theological, dialogical, and feminist approaches may be covered. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all religious studies majors.

RELS 3900 Religion and Popular Culture

CREDIT HOURS 3.0

DESCRIPTION Exploration of "popular religion" in American culture, utilizing both scholarly and mainstream materials. Topics may include holiday celebrations, tensions between sciences (or science-fiction) and religion, western appropriations of eastern traditions, and religion in the mass media.

RELS 3950 Religion, Morality and Film

CREDIT HOURS 3.0

DESCRIPTION Examination of the new religious possibilities, new religious visions, and moral consequences created by the emergence of modern film. Topics may include a survey of film in different cultures, the history of film codes and regulations in the United States, and debates about the proper use of images in religion.

RELS 3970 Tragedy and Comedy

CREDIT HOURS 3.0

DESCRIPTION Examines the categories "tragedy" and "comedy" and how the investigations of these categories developed from Aeschylus to Aristophanes. Includes examination of the compatibility of the Classical Greek vision, which was nominally "pagan," with later Mediterranean religious sensibilities that were consciously monotheistic and scriptural in their orientation. Also looks at the Shakespearean canon and the relevance of tragedy in the modern age.

RELS 4030 Introduction to Human Rights

CREDIT HOURS 3.0

DESCRIPTION Introduces students to historical and contemporary debates around human rights. Drawing on scholarship from disciplines such as history, anthropology, sociology, political philosophy, religious studies, and literature, students will review case studies in order to bring different scholarly perspectives to bare on human rights claims in a globalized world.

RELS 4040 Augustine and Aquinas

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4040.) Selected works of the major religious philosophers of the Middle Ages with emphasis on their views on topics such as God, sin, human nature, free will, faith, and politics.

RELS 4060 Evil and God

CREDIT HOURS 3.0

DESCRIPTION What is evil. Does the existence of evil in the world challenge belief in God. When we encounter famine, disease, hurricanes, torture, war, or poverty, who (or what) do we hold responsible. How can bad things happen to good people. The course will examine how these questions are approached in religious thought, and also in philosophy, literature, and film.

RELS 4080 Religious Dimensions in Human Experience

CREDIT HOURS 3.0

DESCRIPTION Examines religions as integral aspects of human cultures. Integrates theoretical and methodological approaches to religious studies that center on human experiences, expressions, practices and beliefs with examples from particular historical and geographical locations. Topics and source materials may include material culture, archaeology, visual culture, literature, aesthetics, film and ethnography.

RELS 4100 Religious Studies Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Prerequisite:Enrollment must be approved by program director. Provides students with opportunities to study religious life and practice outside of the United States. Includes travel to selected sites for visitation and study led by faculty familiar with the site's history and religious significance. Also includes direct supervision of students' on-the-ground experience of religious life around the globe. Open to majors and non-majors. No foreign language necessary; instruction will be in English. This course may include a Signature Experience component.

RELS 4140 Religion and American Law

CREDIT HOURS 3.0

DESCRIPTION Explores the intersection of religion and American law, focusing on First Amendment jurisprudence. Topics include religion and public schools, government funding for religious institutions, public religious monuments, and the free exercise of religion. Also may consider the historical origins of religious freedom, the role of law in religion, religion's position in American public life, and alternative legal frameworks.

RELS 4150 Religion, Nation, and Law

CREDIT HOURS 3.0

DESCRIPTION This course will explore and dissect the relationship and roles between religion, law, and nation-building. The course will explore nation-states and empires, secularism, the relationship between religious to the secular in the particular context of law. The course will also examine comparison of the legal recognition of religious minorities and personal status legal systems in empires and nation-states.

RELS 4200 Religion in America

CREDIT HOURS 3.0

DESCRIPTION Introduction to the religious experiences of Americans from colonial times to the present. Topics may include Native American religion, Puritanism, Mormonism, spiritualism, Reform Judaism, Catholic modernism, Islam, fundamentalism, and African-American religion.

RELS 4225 Psychology and Religion

CREDIT HOURS 3.0

DESCRIPTION This course will survey the fields of psychology and religious studies. Addressing this tension, our course is designed to create a constructive, respectful dialogue between both perspective. Can we conceive ways in which religious behavior and the study of religion may inform, or even construct, psychological theory. Conversely, how do psychological perspectives and cognitive science tell a richer, deeper story of what is happening in religious experiences. We will consider postmodern and qualitative critiques to such investigations, as well as the emerging field in "explaining" religion through cognitive science and evolutionary theory. This course will also consider Eastern forms of religious expression and spirituality.

RELS 4240 Death and the Afterlife

CREDIT HOURS 3.0

DESCRIPTION Introduction to the general beliefs and practices associated with death and the afterlife in several world religious traditions. Topics may include religious perspectives on the process of dying, treatment of the body, methods of grieving, views of suicide and martyrdom, and contemporary issues surrounding death and the afterlife.

RELS 4245 Cognitive Foundations of Religion

CREDIT HOURS 3.0

DESCRIPTION This course will explore the neural foundations and cognitive mechanisms of religious behavior and experiences. This course will also look at the evolutionary development of religion, the more recent findings in cognitive processing of particular religious beliefs, and the neural imaging of religious experiences.

RELS 4250 African-American Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4250.) Survey of the development of African-American religion from colonial times to the present, including an examination of both theological arguments and spiritual experiences.

RELS 4255 Religion, Race, Nation

CREDIT HOURS 3.0

DESCRIPTION From colonialism to black nationalism to globalization, how do the three issues of religion, race, and nation affect each other. How has religious thought dealt with issues of race, and how has the concept of race been shape by religious thought. How do racial and religious communities differ. We will approach these questions using theory, world literature, and film.

RELS 4260 Religion and Literature

CREDIT HOURS 3.0

DESCRIPTION Examines how religious institutions, beliefs, and values have been presented in and challenged within novels. Readings include works by authors from various religious communities as well as theoretical work done by scholars working in the field of religion and literature.

RELS 4270 Women and Religion

CREDIT HOURS 3.0

DESCRIPTION Multicultural exploration of the role of women and female divinities in diverse religious traditions; readings from ancient myths to contemporary feminist theology.

RELS 4290 Pilgrimage

CREDIT HOURS 3.0

DESCRIPTION Exploration of the central role played by pilgrimage in world religious traditions, including study of its vital social and religious functions. Examples from Judaism, Chirstianity, Islam, Hinduim, Buddhism, as well as theoretical readings on the phenomenon of pilgrimage.

RELS 4295 Religion, Sport and Spirituality

CREDIT HOURS 3.0

PREREQUISITES at least one course in Religious Studies, or consent of the instructor

DESCRIPTION A comparative study of the ancient and modern Olympics with an emphasis on the religious character of these games. Questions explored may include: why were the games shut down by the newly Christianized Roman Empire for religious reasons, and why were they revived in the nineteenth century?.

RELS 4300 Metaphysics

CREDIT HOURS 3.0

PREREQUISITES one upper-level course in philosophy or religious studies

DESCRIPTION (Same as PHIL 4300.) Topics may include personal identity and human nature; space, time, matter, and causality; freedom and determinism; teleology; conceptions of divinity; and world views and paradigm shifts.

RELS 4400 Internship in Religious Studies

CREDIT HOURS 3.0

DESCRIPTION Supervised worked coupled with academic instruction. Students may propose internships they have been able to arrange (although these must be approved by the department faculty member supervising the internship and the undergraduate or graduate director, as appropriate). Students may also choose from several internship opportunities established by the department, including internships in the media, non-profit administration, business, and government. This course may include a Signature Experience component.

RELS 4430 American Jewish History

CREDIT HOURS 4.0

DESCRIPTION This course surveys the Jewish experience in the United States, examining the religious, cultural, political, and economic activities of American Jews from the colonial period to the present. Students will explore the ways Jewish tradition has been adapted in America, what the relationship of American Jews has been to other Americans, and how American Jewish identities have been created from modern Jews' dual impulses for integration and distinctiveness. The course will include a significant examination of issues with regional identity, with particular focus on Southern Jewish experience. We will explore Jewish relationships with black and white gentile southerners, as well as southern Jews' embrace of southern culture and southern identity. This course will also familiarize students with the excellent resources on Atlanta Jewish history available at local archives.

RELS 4450 Modern Judaism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4420.) Key issues and historical events shaping Judaism in the modern world, including Zionism, the development of Jewish denominations, the Holocaust, Middle East conflict, women's roles in Jewish life, and the development of Judaism in the United States. No previous knowledge of Judaism is required; all readings are in English.

RELS 4460 Judaism in the South

CREDIT HOURS 3.0

DESCRIPTION Examination of the historical and cultural development of Judaism in the American south. Topics may include Jewish immigrants, issues of assimilation, Jews and the Civil War, Jewish involvement in the Civil Rights Movement, the Leo Frank case, the Temple bombing in Atlanta, and contemporary issues in Southern Jewish life.

RELS 4465 Religion in the American South

CREDIT HOURS 3.0

DESCRIPTION Examines the historical and cultural development of Religion in the American South. Students will explore the increasing religious diversity in the New South and discuss the ways in which southern religious values have shaped conversations on race, sex, gender, politics, nationalism, science, and social reform.

RELS 4470 Martin Buber: His Thought and Influence

CREDIT HOURS 3.0

DESCRIPTION An exploration of Buber's writings on subjects such as Hasidic folklore, Asian thought, dialogical philosophy, and Middle Eastern politics, with consideration of how his work has been received both inside and outside of Jewish circles.

RELS 4480 Modern Islam: Traditions and Transformation

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to understand the Islamic tradition in the contemporary world through a study of its history, society, institutions, as well as its various relationships to non-Muslim societies and cultures. The task is to try to gain familiarity with the multiple manifestations and transformations of Islam from the pre-modern to the modern periods, with an emphasis on the changes brought about by the rise of European hegemony and colonial modernity. As a survey, the course will review broad socio-historical patterns in order to give students the ability to better assess a range of contemporary issues related to Islam as well as provide a basis through which further investigations can be made.

RELS 4483 Contemporary Issues in Islamic Faith and Practice

CREDIT HOURS 3.0

DESCRIPTION What challenges has the modern period posed to Islamic faith and practice. This course treats a number of issues --such as gender and family, the formation of the modern nation state, and minority Muslim populations --as a way to explore changing constructions of authority and evolving beliefs and practices within contemporary Muslim populations.

RELS 4485 Ethics and Morality in the Islamic Tradition

CREDIT HOURS 3.0

DESCRIPTION How have morality and ethics been articulated in the Islamic tradition. What determines moral weight of any given action, whether something is "right" or "wrong" for Muslims. Many have argued that Islamic Law (Shariah) is the locus where ethics and morality are discussed in the Islamic tradition, but are there other modes of discourse that deal with these subjects (such as hadith studies and Sufism). This course will explore the above questions as an introduction to the study of ethics and morality of Islam.

RELS 4490 Topics in Judaism

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4460.) Examination of selected topics in Judaism. May be repeated if topic varies.

RELS 4500 Ethics of Violence

CREDIT HOURS 3.0

DESCRIPTION In this course we will work our way through theoretical, ethnographic and fictional texts in order to explore the different ways in which violence has been examined as a dimension of human experience.

RELS 4570 Special Topics in Islam

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4440.) Investigation of a specific theme, figure(s), or text(s) within Islam, such as Islamic ethics, historical portrayals of Muhammad, or the Nation of Islam. May be repeated if topic varies.

RELS 4580 Life of Muhammad

CREDIT HOURS 3.0

DESCRIPTION (Same as MES 4450.) Study and contrast of various perspectives of the life of the Prophet Muhammad including medieval Muslim hagiographies, medieval European polemics, and modern reinterpretations of both Muslims and non-Muslims.

RELS 4610 Hinduism

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4610.) Introduction to the Hindu gods and goddesses, Hindu temple and domestic worship, and key themes in modern Hinduism. Will include an overview of the development of Hindu thought and practice from ancient times to the present.

RELS 4612 Hindu Sacred Myths and Epics

CREDIT HOURS 3.0

DESCRIPTION Introduction to the classic religious texts in the Hindu tradition. Readings include selections from the Rig Veda, the Upanishads, the Satapatha Brahmana, the Yogasutras, the Mahabharata (including the Bhagavad Gita), devotional poetry, and writings from several modern Hindu religious leaders. All reading in English translation; no prior knowledge of Hinduism necessary.

RELS 4615 Buddhism

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4615.) Historical introduction to the Buddhist tradition, tracing its development in India, Southeast Asia, Tibet, China, Japan, and the West.

RELS 4620 Confucianism and Taoism

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4620.) Historical introduction to Chinese religion and philosophy, tracing developments in Confucianism and Taoism. Some consideration given to Chinese Buddhism and popular religion.

RELS 4622 Classical Chinese Philosophy

CREDIT HOURS 3.0

DESCRIPTION Focused exploration of the surviving works from the 'Hundred Schools Period' of ancient China, (roughly 550 - 200 BCE). Readings include the Analects of Confucius, Lao Tzu's Tao Te Ching, and several works by lesser known thinkers from various philosophical schools.

RELS 4625 Zen and Shinto

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4625.) Historical introduction to Japanese religion and philosophy, tracing its developments in Shinto, folk religion, and various Buddhist schools. Special consideration given to Zen Buddhism.

RELS 4628 Topics in Asian Religion

CREDIT HOURS 3.0

DESCRIPTION Investigation of a selected topic within Hindu, Buddhist, Chinese, and/or Japanese religion. Possible topics include classical Taoist philosophy, new religions in Japan, Tibetan Buddhist texts, and human rights in Asian religion. May be repeated if topics varies.

RELS 4630 Comparative Study of Mysticism

CREDIT HOURS 3.0

DESCRIPTION In-depth study of mystical texts and traditions, with special attention given to theoretical and methodological inquiry. Readings drawn from a range of traditions and historical periods, as well as from works in contemporary critical theory in the study of religion.

RELS 4640 Religion and Sexuality: The Problem of the Erotic

CREDIT HOURS 3.0

PREREQUISITES at least one course in Religious Studies, or consent of instructor

DESCRIPTION Beginning with a reconstruction of ancient Greek and Roman sexual attitudes, the course examines how these attitudes and practices were inherited by, and changes by, later Jewish and Christian communities. After a study of the new medieval language of heresy and expulsion in Europe, the course turns to modern rehabilitations of Classical ideas in thinkers such as Freud and Foucault.

RELS 4645 Religion & Sex in Pop Culture

CREDIT HOURS 3.0

DESCRIPTION Explores religion and sexuality in forms of American popular culture such as music, television, motion pictures, fashion, print/nonprint media, and the internet. Students will also examine how popular culture has shaped religious debates about sexuality and been shaped by religious values.

RELS 4650 Religion and Ethics

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4650.) Study of the relation between religion and morality, including both Eastern and Western religious perspectives. Topics may include such issues as warfare, social justice, sexual ethics, and issues in modern medicine.

RELS 4670 Church and State

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4670.) Philosophical and theological perspectives on the relationship between church and state. Issues such as conscientious objection, school prayer, the free exercise of religion, and Islamic attitudes toward the state.

RELS 4675 Christianity and Democracy

CREDIT HOURS 3.0

DESCRIPTION No prerequisites. Examination of the complex relationship between Christianity and democracy in theory and in practice. Exploration of such questions as: Is there a necessary link between Christianity and democracy. Do democratic values conflict with Christian commitments. Must religious commitments be set aside when citizens participate in democratic deliberation?.

RELS 4680 War, Peace, and Religion

CREDIT HOURS 3.0

DESCRIPTION (Same as PHIL 4680.) Comparative study of attitudes towards war and peace in major religious traditions. Topics may include the Christian just-war tradition; Islamic notions of jihad; Buddhist renunciation and pacifism; the writings of Gandhi; nuclear arms and the status of noncombatants; civil disobedience and conscientious objection; and religiously motivated terrorism.

RELS 4690 Secularism, Liberalism and Religion

CREDIT HOURS 3.0

PREREQUISITES at least one course in Religious Studies, or consent of instructor

DESCRIPTION Exploration of the role of religion and religious values in the modern, secular state with an emphasis on the past thirty years. Topics may include the defense of the principles of modern Liberalism from within religious traditions and critiques made by communitarians, Marxists, and Neo-Traditionalists.

RELS 4700 Issues in Religious Studies

CREDIT HOURS 3.0

DESCRIPTION Examination of a selected topic in religion. May be repeated if topic varies, but only six credit hours may be applied toward the major.

RELS 4750 Seminar in Religious Studies-CTW

CREDIT HOURS 3.0

DESCRIPTION A writing-intensive seminar focusing on a specific topic or sub-field. Required for all Religious Studies majors. May be repeated if topic varies. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all religious studies majors.

RELS 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis. This course may include a Signature Experience component.

RELS 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES RELS 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

RELS 4890 Religion On-site in Atlanta

CREDIT HOURS 3.0

DESCRIPTION Introduces students to various local sites that express religious communities' traditions and practices in Atlanta. Provides instruction to students at local sites integrated with lectures and readings that explore the history and diversity of Atlanta's religious communities. Students will learn from on-site lectures presented by lead and guest instructors; from relevant historical documents; and from contemporary literature (secondary scholarship, relevant websites and blogs, community-published material). Students will be trained to integrate information from these sources and analyze them from an academic, critical perspective.

RELS 4950 Independent Research

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES consent of instructor and departmental director of undergraduate studies

DESCRIPTION Designed to provide students with the opportunity to do more advanced work in an area in which they already have had regular course work. Not to be used as a substitute for regular upper-level courses. May be repeated once, with approval of the director of undergraduate studies. This course may include a Signature Experience component.

RELS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

RT 1010 Cardiopulmonary Resuscitation (CPR)

CREDIT HOURS 2.0

DESCRIPTION An American Heart Association certified course in basic life support, including adult, pediatric, and infant resuscitation and foreign body airway obstruction. Students receive Basic Life Support (BLS) certification from the American Heart Association with successful completion.

RT 2011 Application of Physical Principles in Healthcare

CREDIT HOURS 3.0

PREREQUISITES MATH 1111, CHEM 1151K, CHEM 1152K or consent of instructor

DESCRIPTION This course describes the scientific basis for therapeutic and diagnostic techniques, and related equipment, with emphasis on physical and chemical principles of operation. Open to all university students.

RT 3005 Clinical Cardiopulmonary Physiology

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours per week. A study of cardiopulmonary function as an introduction to understanding the pathophysiology of disease states. This course includes study of respiratory physiology, cardiac, and circulatory function with relevant clinical application of concepts. This course is also RT 6005.

RT 3020 Basic Life Support Instructor Course

CREDIT HOURS 3.0

PREREQUISITES BLS certification or RT 1010

DESCRIPTION An AHA certified course to complete certification for BLS Instructor. Instruction techniques to include adult, pediatric and infant resuscitation and foreign body airway obstruction. Students receive certification after successful completion of course and monitoring of BLS instruction in RT 1010.

RT 3025 Patient Evaluation

CREDIT HOURS 4.0

DESCRIPTION Three lecture hours and two lab hours per week. A study of procedures for laboratory and clinical evaluation of the respiratory and critical care patient.

RT 3027 Pulmonary Diseases

CREDIT HOURS 3.0

DESCRIPTION A study of the pathophysiology, clinical signs and symptoms, diagnosis, management and prognosis of acute and chronic pulmonary diseases, with an emphasis on respiratory care. This course is also RT 6027. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Respiratory Therapy majors.

RT 3030 Pulmonary Diagnostics

CREDIT HOURS 3.0

DESCRIPTION Two lecture hours and two lab hours per week. A study of pulmonary diagnostic techniques, with an emphasis on pulmonary function testing and interpretation. This course is also RT 6030.

RT 3040 Respiratory Care Pharmacology

CREDIT HOURS 3.0

DESCRIPTION A study of pharmacological agents used in the treatment of cardiopulmonary disease and critical care, with an emphasis on inhaled bronchoactive aerosols. This course is also RT 6040.

RT 3050 Clinical Practice I

CREDIT HOURS 1.0

DESCRIPTION Four hours of clinical for four weeks. A preparation for and introduction to the hospital environment. Emphasis is placed on basic life support, introduction to the clinical affiliate, and medical gas therapy. This course is also RT 6050. This course may include a Signature Experience component.

RT 3051 Clinical Practice II

CREDIT HOURS 4.0

DESCRIPTION Sixteen hours of clinical per week, one hour of lecture. Clinical experience is provided in basic respiratory care procedures. The integration of equipment and patient care are emphasized. Case presentations are required to integrate clinical and classroom theory. This course may include a Signature Experience component.

RT 3052 Clinical Practice III

CREDIT HOURS 1.0

DESCRIPTION Five hours of clinical per week, one hour of lecture. Clinical experience is provided in the pulmonary function laboratory and in the intensive care setting to refine skills introduced in Clinical I and II. Case presentations are required to integrate clinical and classroom theory. This course may include a Signature Experience component.

RT 3055 Clinical Applications in Sleep Medicine

CREDIT HOURS 3.0

DESCRIPTION This course provides a basic introduction into sleep medicine and technology. Patient hookup procedures, sleep diagnostic equipment, EEG waveform recognition that make up a polysomnogram, recognition of various sleep problems and titration of therapy to treat those sleep abnormalities will be covered. Sleep clinics will be visited with students demonstrating skills in performance of a sleep study and the duties of a sleep technician including reading, scoring, and reporting a sleep study. Both adult and pediatric sleep disorders will be covered.

RT 3111 Respiratory Care Procedures I

CREDIT HOURS 4.0

DESCRIPTION Three lecture hours and two lab hours per week. A study of respiratory care treatment and support modalities, with associated equipment. Emphasis is placed on understanding application to patient situations, assessment of care, and principles of operation of equipment. This course is also RT 6111.

RT 3112 Respiratory Care Procedures II

CREDIT HOURS 3.0

DESCRIPTION Two lecture hours and two lab hours per week. A study of respiratory care treatment and support modalities, with associated equipment. Emphasis is placed on understanding application to patient situations, assessment of care, and principles of operation of equipment. A continuation of RT 3111.

RT 3500 Research Methods

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide students with an overview to the major research concepts as applied to the profession of respiratory care. Emphasis is on how to critically evaluate published and empirical research.

RT 4011 Ventilatory Support I

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours and one lab hour per week. A study of methods of mechanical ventilatory support, including physiology and patient management, as well as equipment. This course is also RT 7011.

RT 4012 Ventilatory Support II

CREDIT HOURS 4.0

DESCRIPTION Four lecture hours and two lab hours per week. A study of methods of mechanical ventilatory support, including physiology and patient management, as well as equipment. A continuation of RT 4011. This course is also RT 7011.

RT 4020 Neurobiology of Sleep

CREDIT HOURS 3.0

DESCRIPTION Participants in this course will gain knowledge of contemporary theories regarding why humans need to sleep and the neural mechanisms contributing to the states of sleep and wakefulness. An emphasis will be placed upon the analysis of perturbations within specific neurotransmitter systems may manifest as sleep related disorders. The application and evaluation of pharmacological interventions used to normalize activity within those neural pathways will be covered.

RT 4051 Clinical Practice IV

CREDIT HOURS 4.0

DESCRIPTION Sixteen hours of clinical per week, one hour of lecture. A third course in the sequence of clinical rotations which provides instruction and experience in the adult critical care setting. Case presentations are required to integrate clinical and classroom theory. This course is also RT 7051. This course may include a Signature Experience component.

RT 4052 Clinical Practice V

CREDIT HOURS 5.0

DESCRIPTION Twenty-four hours of clinical per week. Clinical experience is divided into neonatal and pediatric care, and adult critical care. This course is also RT 7052. This course may include a Signature Experience component.

RT 4060 Advanced Critical Care Monitoring

CREDIT HOURS 2.0

DESCRIPTION A study of advanced cardiopulmonary monitoring used with the critical care patient. Topics include hemodynamic monitoring, ventilatory waveform analysis, and capnography.

RT 4070 Advanced Cardiac Life Support

CREDIT HOURS 2.0

DESCRIPTION The Advanced Cardiac Life Support (ACLS) course is designed to develop the participant's proficiency in providing care in a cardiorespiratory arrest. This course is offered over a ten-week period to allow for understanding of pathophysiology and the assimilation of the knowledge to carry out skills required in emergent circumstances. This course is also RT 7070.

RT 4075 Patient Care Management

CREDIT HOURS 3.0

DESCRIPTION An analysis of patient care management strategies for the respiratory therapist. Patient assessment and critical care management topics will be emphasized.

RT 4080 Pediatric Respiratory Care

CREDIT HOURS 2.0

DESCRIPTION This course introduces concepts of pediatric disease and ventilatory management. Childhood diseases and challenges of the Pediatric airway are discussed. This course is also RT 7080.

RT 4081 Neonatal Respiratory Care

CREDIT HOURS 2.0

DESCRIPTION The processes of growth and development relating to respiratory care from the fetus to the infant will be discussed. Techniques of diagnosis and treatment are discussed to enable the student to develop the processes needed to combine physiologic function with care modalities. This is also RT 7081.

RT 4082 Advanced Neonatal Respiratory Care

CREDIT HOURS 3.0

DESCRIPTION Advanced concepts in the evaluation, monitoring, and therapeutic modalities seen with common neonatal disorders, including respiratory distress syndrome, intracranial hemorrhage, pulmonary hypertension of the newborn, and others. A case study approach will be utilized.

RT 4085 Professional Practice: From Current Trends to Long-Term, Extended Care

CREDIT HOURS 3.0

DESCRIPTION An analysis of the current professional environment and the role of the respiratory therapist in that atmosphere are discussed. An overview of concepts, procedures, and long-term care and how the respiratory therapist's role is impacted interacting between the acute care facility and self-administered care in the patient's home is emphasized. Topics and emphasis may vary. This is a writing intensive course. This is also RT 7085. Serves as one of the two Critical Thinking through Writing (CTW) courses required of all Respiratory Therapy majors.

RT 4096 End of Life Issues

CREDIT HOURS 1.0

PREREQUISITES First year and 2nd year Respiratory Therapy courses

DESCRIPTION This course is designed to provide a broad overview of death and dying in United States. The growing need for quality palliative care, current gaps in care, and the scope of palliative care will be discussed in an attempt to introduce the student to current end-of-life issues.

RT 4950 Directed Readings

CREDIT HOURS 1.0 TO 4.0

DESCRIPTION Readings course in respiratory therapy or other related area.

RT 4990 Special Studies

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Designed to provide students with the opportunity for advanced work in a special area on an individual basis. A project will be completed.

RMI 3500 Introduction to Risk Management and Insurance

CREDIT HOURS 3.0

PREREQUISITES None

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION The primary focus of this introductory course is on evaluating life, health, retirement, property, and liability exposures to loss and analyzing the methods for managing these risks. Risk management and insurance techniques for dealing with potential losses to individuals and organizations are emphasized. This course is suggested as an elective for all majors.

RMI 3750 Risk Modeling

CREDIT HOURS 3.0

PREREQUISITES MATH 1113

COREQUISITES MGS 3100

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6 and 7

DESCRIPTION This course introduces students to the principles of probability theory and risk simulation analysis. Specific topics covered include probability theory; descriptive statistics and graphical representations of data; probability distribution functions including binomial, Poisson, Normal and other functions; sampling distributions and the Central Limit Theorem; estimation and goodness-of-fit tests; and static and dynamic Monte Carlo simulation models. Spreadsheet simulation exercises are used extensively to illustrate the concepts. The applications are drawn from a variety of areas where risk analysis has become important including finance, insurance, corporate risk management and personal financial planning.

RMI 4005 Introduction to Risk Analytics and Applications

CREDIT HOURS 3.0

PREREQUISITES RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 3, 6, 7

DESCRIPTION This class will cover three main themes wrapped around various applications in risk analytics. These themes are programming in software used in risk analytics (such as R, SAS, MATLAB, Stata), transparency and replication using principles of literate statistical programming, and risk communication. Students will have access to the various programming languages available on GSU's Virtual Computing Lab servers and will be able to create a portfolio of problem solutions to demonstrate programming ability in statistical modeling software. In addition, there will be presentations and reports demonstrating students' ability to communicate to technical and non-technical audiences.

RMI 4010 Life Insurance

CREDIT HOURS 3.0

PREREQUISITES RMI 3500

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course covers the nature and importance of life and health risks and the functions and uses of individual life and health insurance in treating these risks. From both the individual and the business viewpoints, techniques for evaluating life insurance, health insurance, and annuities are covered, including a review of the legal aspects of these contracts. This course is suggested as an elective for all majors.

RMI 4015 Contrcts Risk Analysis

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION Business is largely about transactions to sell goods or services to customers (including the government), to obtain goods and service from vendors and suppliers, to merge or divest the company, to enter into joint ventures, to form international agreements, etc. Transactions generate revenue for the firm. Transactions that turn out differently than expected can cost income. This course examines many types of contracts and scenarios where contracts are essential to the business deal and explores how these contracts should be written to comply with legal requirements. Students will evaluate contracts for legal aspects, completeness as to business objective, contingencies and risk assessment, using law, enterprise risk management frameworks and quantitative methods and analysis.

RMI 4020 Property and Liability Insurance

CREDIT HOURS 3.0

PREREQUISITES RMI 3500

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course examines the major types of property and liability insurance. The structure, scope, and limitations of commercial property and liability contracts are analyzed. Coverage principles and concepts are emphasized. This course is suggested as an elective for all majors.

RMI 4025 Law, Policy and Risk Regulation

CREDIT HOURS 3.0

PREREQUISITES BUSA 2106 or RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 3, 7

DESCRIPTION This course focuses on why large portions of the American economy are subject to government regulation (rather than private regulation) in order to address risks posed to individuals, firms, and society and to acheieve particular public policy goals. Private regulations relp on agreements or litigation among private parties to change the behavior of individuals and firms. Congress and state legislatures create government agencies to address issues that they have concluded cannot or should not be addressed through private, regulations. These government agencies create, implement, and enforce government regulations. The course focuses on the risk management process by requiring students to identify risks in the legal context and assess those risks using analytic tools of law and economics.

RMI 4150 Theorg of Risk

CREDIT HOURS 3.0

PREREQUISITES MATH 1113 or RMI 3750

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6 and 7

DESCRIPTION This course will cover the microeconomic theory of decision making for risk-averse individuals and for corporations. The course also provides an introduction to models of adverse selection and moral hazard so students will understand the basics of risk sharing contracts in the presence of various information environments.

RMI 4300 Risk Management

CREDIT HOURS 3.0

PREREQUISITES RMI 3500 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course examines the risk management process, the identification and evaluation of loss exposures, the analysis of the various risk control and financing techniques available to manage the exposures, decision making under conditions of uncertainty, and control mechanisms to monitor the results of the risk management program. Case studies, computer simulation, and work to reinforce the risk management concepts covered in the course are required. This course is suggested as an elective for all majors, especially accounting, finance, and management.

RMI 4350 Enterprise Risk Management-CTW

CREDIT HOURS 3.0

PREREQUISITES MATH 2211 and RMI 3750 and BCOM 3950

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 6, 7

DESCRIPTION This course introduces strategies that firms employ to enhance corporate value through their risk management function. The tools and concepts are relevant for both financial and non-financial institutions. The course focuses on risk management decisions from a corporate finance perspective rather than on the speculative use of financial derivative contracts or on the valuation of derivatives and insurance contracts. This course satisfies critical thinking through writing requirements.

RMI 4389 Directed Readings in Risk Management and Insurance

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES One RMI course and consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION

RMI 4391 Risk Management and Insurance Field Study

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Department approval

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours

DESCRIPTION This course is designed to provide the senior-level under- graduate student with an opportunity to apply the business skills learned at the Robison College of Business (RCB) in an approved site off or on campus. The course immerses students in the planning and execution of complex activities involved in both large and small businesses.

RMI 4530 Employee Benefit Plans

CREDIT HOURS 3.0

PREREQUISITES MGS 3400

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION (Same as MGS 4385). This course examines the characteristics and design of employee benefit plans, including group insurance, pensions, and profit sharing. These plans are evaluated in terms of their cost and effectiveness. Consideration is given to employee communications, taxation, collective bargaining, social insurance systems, and international benefit programs.

RMI 4700 Insurance Operations

CREDIT HOURS 3.0

PREREQUISITES RMI 3500, and RMI 4010, and RMI 4020 and BCOM 3950, or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION This course is designed to study the key operational activities of insurance organizations. It specifically covers marketing and distributions systems, underwriting, principles of ratemaking, reinsurance, and financial analysis. These functional areas are studied in the context of regulatory and public policy issues. Students analyze the operational and financial aspects of an insurance company.

RMI 4980 Problems in Risk Management and Insurance

CREDIT HOURS 3.0

PREREQUISITES A minimum of four RMI courses including RMI 3500, and RMI 4010, and RMI 4020, or consent of instructor

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 6, 7

DESCRIPTION The principal focus of this capstone course for the RMI major is the study of current problems and issues in risk management and insurance.

RMI 4990 The Risk Analysis Clinic

CREDIT HOURS 3.0

PREREQUISITES Senior status and by perission

REQUIREMENTS Must meet RCB upper division course requirements and 45 semester hours, CSP 1, 2, 3, 4, 5, 6, 7, 8

DESCRIPTION The Risk Analysis Clinic course will provide the student with a real case study of a problem with Risk Analysis using real company data. Students will approach the problem as a consulting project, meet with the client, assess needs, undertake the analysis, and report results in both a written report and an oral presentation. As a result, students will work on a real project from a local firm from start to finish. Overall, students will gain experience interacting with a customer and will practice providing critical review of other student s projects.

RUSS 1001 Elementary Russian I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing. Acquisition of grammatical structures. Not open to native speakers of Russian.

RUSS 1002 Elementary Russian II

CREDIT HOURS 3.0

PREREQUISITES RUSS 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing. Acquisition of grammatical structures. Not open to native speakers of Russian.

RUSS 2001 Intermediate Russian I

CREDIT HOURS 3.0

PREREQUISITES RUSS 1002 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills. Vocabulary expansion; further work with grammatical structures.

RUSS 2002 Intermediate Russian II

CREDIT HOURS 3.0

PREREQUISITES RUSS 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through the use of audio and video materials as well as literary and non-literary texts.

SNHP 2000 Introduction to Health Informatics

CREDIT HOURS 1.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION Through class discussion, visits from practitioners, and faculty lectures, students are introduced to the present and projected roles of health informaticians.

SNHP 2010 Medical Terminology for Healthcare

CREDIT HOURS 3.0

DESCRIPTION This course presents a study of basic medical terminology. Prefixes, suffixes, word roots, combining forms, abbreviations, and symbols are included in the content. Emphasis is placed on spelling, definition, usage and pronunciation. Open to all university students.

SNHP 3000 Communication/Cultural Diversity

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to increase awareness of diverse cultures in the framework of intercultural communication skills. Students will enhance their knowledge of culture and assess its impact on intercultural communication. Topics related to culture and communication will be explored from a global perspective with a focus on cultural competency and service delivery to diverse groups. Global Perspectives Course.

SNHP 3010 Advanced Medical Terminology

CREDIT HOURS 3.0

PREREQUISITES SNHP 2010

DESCRIPTION This course presents a study of advanced medical terminology Prefixes, suffixes, word roots, combining forms, abbreviations, and symbols are included in the content. Emphasis is placed on spelling, definition, usage and pronunciation.

SNHP 3050 Special Topics in Nursing and Health Professions

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Permission of the Instructor

DESCRIPTION May be repeated up to six hours if topic varies.

SNHP 3100 Electronic Health Records

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course covers the hist0ory, benefits, standards, functionality, security, and confidentiality as well as the impact of electronic health records (HER) in the healthcare environment. Students will have hands-on experience using HER software to complete common work tasks in health care settings. Types of electronic management systems will be explored along with their impact on various areas of the healthcare system.

SNHP 3105 Health Promotion and Electronic Health Records

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides an overview of health maintenance and health promoting applications used in public health and by the individual consumer. The course includes information exchange issues specific to these applications and the Electronic Health Record (EHR).

SNHP 3400 Spanish for Health and Human Sciences

CREDIT HOURS 3.0

PREREQUISITES Consent of instructor

DESCRIPTION The purpose of this course is to establish communication skills that can be used by health and human service practitioners in culturally diverse settings to assist Spanish-speaking clients. This course is designed for non-Spanish speaking students.

SNHP 3500 Research Methods

CREDIT HOURS 3.0

PREREQUISITES Entrance to Nursing or Respiratory Threrapy undergraduate professional programs

DESCRIPTION This course is designed to provide students with an overview of the major research concepts as applied to the profession of nursing and respiratory therapy. Emphasis is on how to critically evaluate published and empirical research.

SNHP 3810 Interpretation of Clinical Laboratory Values for Health Professionals

CREDIT HOURS 3.0

PREREQUISITES Inorganic chemistry with lab, organic chemistry with lab, AND EITHER human physiology OR biochemistry

DESCRIPTION The course will provide the student with the opportunity to understand the interrelationships between clinical laboratory test results and the disease process occurring in the patient. Laboratory values from hematology, clinical chemistry and urinalysis, and microbiology/immunology will be interpreted for infectious diseases, liver diseases, kidney diseases, hematologic disorders, and metabolic disorders. Appropriate case studies will be used to illustrate clinical significance. This course is also SNHP 7810.

SNHP 3900 EKG Interpretation

CREDIT HOURS 3.0

PREREQUISITES SNHP 2010 preferred

DESCRIPTION This course presents a study of electrocardiograms . The course will provide the student with the opportunity to understand basic normal EKG waveform morphology, normal physiology of cardiac conduction, and basic dysrhythmias. Appropriate case studies will be used to illustrate clinical significance.

SNHP 4010 Leadership and Ethics in Healthcare

CREDIT HOURS 3.0

DESCRIPTION The course will describe and discuss major leadership philosophies and theories as well as ethical dilemmas. Through online and in class discussion and activities participants will explore these philosophies and theories to enhance their leadership potential. At the conclusion of this course each participant will have identified a leadership style(s) to use and grow within the healthcare industry.

SNHP 4020 Neurobiology of Sleep

CREDIT HOURS 3.0

DESCRIPTION Participants in this course will gain knowledge of contemporary theories regarding why humans need to sleep and the neural mechanisms contributing to the states of sleep and wakefulness. An emphasis will be placed upon the analysis of perturbations within specific neurotransmitter systems may manifest as sleep related disorders. The application and evaluation of pharmacological interventions used to normalize activity within those neural pathways will be covered.

SNHP 4100 Quality and Safety in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course examines processes used to measure, evaluate and improve the quality, efficiency and effectiveness of health care information. The course includes information exchange issues specific to these applications and the Electronic Health Record (EHR).

SNHP 4105 Providers and Vendors

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides an overview of the environment and activities necessary to plan, select, contract, and implement systems from suppliers in the health care I.T. industry. The course includes information exchange issues specific to these applications and the Electronic Health Record (EHR).

SNHP 4107 Usability and Human Factors in Clinical Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course will explore the discussion of rapid prototyping, user-centered design understanding effects of new technology workflow on downstream processes; facilitation of unit-wide focus groups or simulation.

SNHP 4109 Training and Instructional Design in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS in Health Informatics or permission of instructor

DESCRIPTION This course will provide an overview of learning management systems, instructional design software tools, teaching techniques and strategies, evaluation of learner competencies, maintenance of training records, and measurement of training program effectiveness. In addition, this component will discuss selecting and implementing Web 2.0 technologies as instructional technologies given a specific platform and training programs.

SNHP 4110 Future Trends-Telehealth

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course provides an overview of telehealth and the basic knowledge necessary to understand the role of the Telehealth Coordinator in a healthcare organization.

SNHP 4130 Tai Chi-A Therapeutic Exercise

CREDIT HOURS 3.0

DESCRIPTION This course introduces Tai Chi as a therapeutic exercise. The course addresses the benefits of Tai Chi exercise, Tai Chi's origin, philosophy and development. Scientific evidence of Tai Chi's benefits to health is discussed. The course introduces all the styles and forms of Tai Chi and the applications of Tai Chi to self-defense, exercise, rehabilitation and meditation. Application of the principles and practices of Tai Chi to various physical impairments and disabilities is discussed.

SNHP 4200 Health and the Older Adult

CREDIT HOURS 3.0

DESCRIPTION This course provides an introduction to physiological aging and the health status of older people and is designed for non-health professionals who work with older adults. Normal aging process, age-related changes, and associated health promotion activities will be discussed. Information on the assessment and implications of alterations in functional health states, drug use, and referral sources are included.

SNHP 4250 Entrepreneurship and Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION This course introduces the student with the personal qualities of successful entrepreneurs in health information technology. Students will learn techniques in networking, resume writing, social media ethics and self-branding.

SNHP 4270 Project Management in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS degree in Health Informatics or permission of instructor

DESCRIPTION An understanding of project management tools and techniques that results in the ability to create and follow a project management plan. This course will focus on health IT projects.

SNHP 4350 Project Management in Health Informatics

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS in Health Informatics or permission of instructor

DESCRIPTION This course introduces the student to project management with a focus of systems implementation and to working for vendor of health information systems. The project management process along with its relationship to the phases of the project life cycle are emphasized.

SNHP 4500 Health Communication

CREDIT HOURS 3.0

DESCRIPTION This course will examine theories of interpersonal, organizational and mass communication relevant to the health field. Students will review strategies of persuasion, the relationship between attitude and behavior, and the changing nature of health and health delivery in the United States. Successful and unsuccessful health information campaigns will be evaluated.

SNHP 4600 Capstone Project in Health Informatics CTW

CREDIT HOURS 3.0

PREREQUISITES Entrance into BIS in Health Informatics or permission of instructor

DESCRIPTION On-site clinical health informatics experience.

EDSC 3250 Topics in Middle Grades Science

CREDIT HOURS 4.0

REQUIREMENTS Three hours lecture and two hours lab a week

DESCRIPTION Develops basic content knowledge of the natural and/or physical sciences. Develops understanding of school science topics such as light, sound, weather, earth, processes, and organisms. Emphasizes scientific reasoning skills, problem solving, using technology, and communicating scientific knowledge. May be repeated as topics vary. (Repeatable).

EDSC 4470 Concepts and Methods in Middle Childhood Science

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDLA 4400, EDMT 4460, and EDSS 4480

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school science instruction. Procedures for planning, implementing, and reflecting on science instruction are learned in a school setting.

EDSC 4655 Principles of Science Instruction

CREDIT HOURS 3.0

DESCRIPTION Examines the nature of secondary students and schools. Explores instructional materials, teaching strategies, technology, and effective teaching. Includes experiences in reflective teaching and micro-teaching. EDSC 6550 is cross listed with EDSC 4655.

EDSC 4755 Theory and Pedagogy of Science Instruction

CREDIT HOURS 3.0

COREQUISITES EDCI 4600

DESCRIPTION Examines current issues, strategies, materials, and technology related to the teaching and learning of science at the middle and secondary school levels. Science curriculum, teaching, and research in science education are investigated. EDSC 4755 is cross-listed with EDSC 7550.

EDSS 3400 Topics in Middle Grades Social Science/History

CREDIT HOURS 3.0

DESCRIPTION Develops basic content knowledge of history and the social sciences. Develops understanding of school topics in world regions and emphasizes reasoning skills, problem solving, using technology, and inquiry in the social sciences.

EDSS 4480 Concepts and Methods in Middle Childhood Social Studies

CREDIT HOURS 3.0

PREREQUISITES Admitted to Teacher Education

COREQUISITES EDLA 4400, EDMT 4460, and EDSC 4470

REQUIREMENTS A minimum grade of "B" is required for this course

DESCRIPTION Provides the pedagogical content knowledge necessary for effective middle school social studies instruction. Procedures for planning, implementing and reflecting on social studies instruction are learned in a school setting.

SW SOCIAL WORK

SW 2000 Introduction to Social Work

CREDIT HOURS 3.0

DESCRIPTION A survey of the profession of social work from an historical and contemporary perspective which examines how social workers seek to improve the well being of people and communities as they are affected by a wide range of social issues. The profession's commitment to social justice in rapidly changing multicultural world will also be explored.

SW 3000 Communication/Cultural Diversity

CREDIT HOURS 3.0

DESCRIPTION The purpose of this course is to establish good communication skills in both verbal and written form, to explore passive, aggressive, and assertive communication styles, and to understand the applicability of computers in facilitating and managing communications. The student also will develop an awareness and understanding of how human diversity influences ways in which individuals, families, groups, communities, and the larger society interface with service delivery systems. Issues related to ethics and confidentiality will be examined. Global Perspectives Course.

SW 3005 Career Planning & Management

CREDIT HOURS 3.0

DESCRIPTION Principles, methods, and practice in achieving career goals with emphasis on the exploration of career opportunities, identification of strengths, resume development, cover letter composition, interviewing, salary and benefits negotiations, networking, professional image, and the use of technology in achieving career goals.

SW 3200 Social Welfare Institutions

CREDIT HOURS 3.0

DESCRIPTION This course introduces social work students to the antecedents of the American welfare state and the development of the social work profession. Historical phenomena provide a background against which one examines not only what happened in the past, but also why certain events occurred, how they happened, and the consequences of their occurrence on the American social welfare system. Content about differences and similarities on the experiences, needs and beliefs of various population groups, and the resources provided by larger society to address varying population needs is examined. Both descriptive and analytical approaches are used to help explain the development and complexity of the American welfare state.

SW 3300 Human Behavior and the Social Environment I

CREDIT HOURS 3.0

DESCRIPTION This course is a study of human behavior during the developmental phases of infancy, early childhood, and adolescence. Biological, psychological, and social aspects of development are integrated to provide a comprehensive understanding of individuals within the context of social environments. Multiple theoretical perspectives are explored to guide practitioners in decision-making with regard to client assessment, intervention, and evaluation. This course serves as one of three Critical Thinking through Writing (CTW) courses required of all Social Work majors.

SW 3400 Human Behavior and the Social Environment II

CREDIT HOURS 3.0

PREREQUISITES HBSEI

DESCRIPTION This course is a study of human behavior during the developmental phases of young, middle, and late adulthood. Biological, psychological, and social aspects of development are integrated to provide a comprehensive understanding of individuals within the context of social environments. Multiple theoretical perspectives are explored to guide practitioners in decision-making with regard to client assessment, intervention, and evaluation. This course is the second in the HBSE series required of all Social Work majors.

SW 3500 Methods of Social Work Research

CREDIT HOURS 3.0

PREREQUISITES MATH 1070

DESCRIPTION A survey of research methods applicable to social services. Emphasis will be placed on beginning skill in evaluation and research and implication for knowledge guided practice. The course also provides an overview of research and statistical techniques that are applied by Social Workers. A major emphasis will be placed on those areas of research design, methodology, and analysis that will enable students to become critical consumers of the professional and empirical literature.

SW 3600 Social Welfare Policy

CREDIT HOURS 3.0

PREREQUISITES ECON 2105, SW 3320

DESCRIPTION This course introduces the development and implementation of contemporary social welfare policies and service programs in the United States. As a designated Critical Thinking through Writing (CTW) course, students critically analyze and document the policy making process. The course highlights the influence of social values on policy development and the differential allocation of material and social resources. The current provisions and service delivery systems emanating from contemporary social welfare policies are examined, with special attention given to America's most vulnerable population groups.

SW 3700 Communication Skills for Social Workers

CREDIT HOURS 3.0

DESCRIPTION This course constitutes one of the practice methods courses in the core social work curriculum. Its inherent purpose is to facilitate effective communication between the social work generalist and client systems. The course emphasizes appropriate interviewing skills, recording, and the use of technology in communications.

SW 3800 Case Management & Community Resources in Social Work

CREDIT HOURS 3.0

DESCRIPTION This course teaches students about case management practice, and provides an overview of community resources to address a variety of human needs and the collaborations of partnerships between human providers.

SW 4100 Social Work Methods I

CREDIT HOURS 3.0

DESCRIPTION Social Work Methods I introduces the basic knowledge, values, and skills that comprise generalist social work. Emphasis is placed upon practice with individuals, families, small groups, organizations, and communities.

SW 4200 Social Work Methods II

CREDIT HOURS 3.0

DESCRIPTION Continuation of SW 4100. In Social Work Methods II, students will become proficient at identifying multiple levels of intervention and targets for change to address a wide variety of social problems. An overview of specific theories of change, along with evaluation approaches and implied styles of intervention, are covered.

SW 4310 Group Facilitation

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to social work with groups. The course will focus on skills in social work practice, uses and types of groups, and group composition. Students will become familiar with the scope and limitations of group uses. The use of groups for direct service purpose--enhancement of social functioning, achievement of unreached levels of social functioning, or correction of dysfunctional interpersonal or social relationships- will be analyzed.

SW 4320 Social Work Administration

CREDIT HOURS 3.0

DESCRIPTION An introduction to theory and practice in the administration of social services. Emphasis is on the social worker's role and function as an administrator and on the evaluation of the problems of operation and maintenance in a social service agency.

SW 4330 Contemporary Health Challenges

CREDIT HOURS 3.0

DESCRIPTION This course is designed to introduce students to chronic short and long term health concerns in our society. The course will address such illnesses as AIDS, hepatitis, tuberculosis, Alzheimers, sexually transmitted diseases (STD), and other health issues. The focus of the course will be upon treatment, identification and transmittal, with an examination of the impact of governmental regulations on drugs, the perception of patients, family members, and health care professionals.

SW 4340 Social Work and the Law

CREDIT HOURS 3.0

DESCRIPTION An introduction to the law as it applies to social services and social work practice. Using case studies, students will examine problems that the poor, the disadvantaged, and all clients face in confronting the justice system. Attention is given to worker liability and those skills essential for testifying in court and advocating for client's legal rights.

SW 4350 Economics of Poverty and Public Policy

CREDIT HOURS 3.0

DESCRIPTION Application of economic concepts to the study of poverty in the U.S. Topics include poverty and inequality, economics of the family, racial/gender implications, neighborhood effects, history of welfare structure and programs, and current issues in public policy related to poverty.

SW 4360 Forensic Social Work

CREDIT HOURS 3.0

DESCRIPTION The course will introduce students to social work issues that are encountered by social workers, attorneys, and other specialists in a forensic setting. The course will include a critical analysis and study of particular social issues and the impact of those issues on the purposes and the effectiveness of organizations and individuals who work within the legal system. The course will address social work skills and ethical issues in a forensic setting.

SW 4440 Global Social Work Practice, Policy, and Research

CREDIT HOURS 3.0

DESCRIPTION This course will offer students an introduction to social work issues from an international perspective. Using literature from around the world that focuses on global social issues, the course will address concepts of power, class, gender, race, sexuality, religion, violence, poverty, immigration, and social exclusion. Students will be required to evaluate critically what the international perspective might teach us about social work theory, practice, policy and research in the US. Global Perspectives Course.

SW 4450 Child Maltreatment Practice Policy and Research

CREDIT HOURS 3.0

DESCRIPTION Child abuse and neglect are examined from both historical and contemporary perspectives using an ecological framework. Methodological and theoretical issues surrounding the study of maltreatment are highlighted. Symptomatology and sequelae of abusive behavior are examined with specific reference to the implications for family and community systems. Medical, legal, social, and cultural aspects of child maltreatment are explored. The role of community partnerships in the identification, intervention, treatment and prevention of child malreatment is emphasized.

SW 4460 Aging Practice, Policy and Research

CREDIT HOURS 3.0

DESCRIPTION This course is designed to provide the basic knowledge and beginning skills appropriate for social work practice with older persons. Emphasizes biological, sociological, and psychological aspects of the aging process with special attention to the cultural, social, political, and economic factors affecting delivery of social services to the aging.

SW 4470 Substance Abuse Practice, Policy and Research Issues

CREDIT HOURS 3.0

DESCRIPTION This course will provide students with an overview of the various classes of psychotropic drugs. Students will learn the physiological mechanisms of action of each of the major classes of drugs. They will learn how each drug affects mood and behavior, how each drug affects major organ systems in the body, and how genetic and social factors may predispose an individual to drug use.

SW 4480 Disabilities Practice, Policy, and Research

CREDIT HOURS 3.0

DESCRIPTION This course will provide students with the opportunity to develop their knowledge of the impact of both physical and developmental disabilities on individuals and families. Focus is on responses to those disabilities diagnosed at birth or acquired through illness or injury. Emphasis is placed on utilizing appropriate social work interventions, while recognizing such variables as age, socioeconomic status, family constellation, cultural issues, and pre-morbid conditions. Understanding disabilities from a human rights perspective and the impact of oppression on people with disabilities will be explored. A historical perspective on how disability has been perceived and addressed by societal institutions will be presented.

SW 4490 Child Welfare Practice, Policy, and Research

CREDIT HOURS 3.0

DESCRIPTION This course is an introduction to the range of child welfare services including foster care, adoptions, permanency planning, and family preservation. Students will have the opportunity to explore current challenges inherent in the delivery of child welfare services to children, youth, and families. This course is intended to serve as a forum for the exchange of ideas and will focus on a range of critical issues in the field of child welfare including family violence, child maltreatment, HIV, drug exposure, and homelessness.

SW 4500 Field Education I

CREDIT HOURS 6.0

PREREQUISITES Successful completion of all previous social work courses, except SW 3730 or permission from the Director of Field Education

DESCRIPTION An educationally directed practicum in a social service agency. A generalist approach is applied to guide beginning social work practice with diverse individuals, families, small groups, organizations, and communities. Demonstration of knowledge of professional values, agency structures, and policies. Emphasis on the integration of content from all areas of the curriculum. A fee to cover liability insurance is required. This course may include a Signature Experience component.

SW 4900 Field Education II

CREDIT HOURS 6.0

PREREQUISITES Successful completion of Practicum I

DESCRIPTION A continuation of Practicum I (SW 4930) with greater emphasis on demonstration of assessment, planning, implementation, evaluation, and research skills. Integration and application of knowledge and ethics on the development of skills required for social work practice. This course may include a Signature Experience component.

SW 4950 Selected Topics in Social Work

CREDIT HOURS 3.0

DESCRIPTION This course will offer knowledge and skills on variable topics that impact social work practice. May be repeated up to six hours if topic varies.

SW 4960 Seminar on Social Work Issues and Problems

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION An examination of problems, current issues, or areas of special interest related to the social work profession.

SW 4990 Directed Individual Study

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION This course allows the student to extend his/her knowledge in a particular area through an independent study. A social work faculty member must agree to supervise this study, and it must be approved by the departmental chair.

SOCI SOCIOLOGY

SOCI 1101 Introduction to Sociology

CREDIT HOURS 3.0

DESCRIPTION A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas.

SOCI 1160 Introduction to Social Problems

CREDIT HOURS 3.0

DESCRIPTION A theoretical and empirical analysis of selected major social problems confronting American society.

SOCI 3010 Social Statistics

CREDIT HOURS 3.0

PREREQUISITES MATH 1070, MATH 1101, MATH 1111, MATH 1113 or MATH 1220 with grade C or higher

DESCRIPTION Concepts and techniques for quantitative data analysis: including measurement, hypotheses testing, computer applications with SPSS, and bivariate and multivariate analytic techniques.

SOCI 3020 Social Research Methods-CTW

CREDIT HOURS 3.0

PREREQUISITES SOCI 3010 with grade of C or higher

DESCRIPTION Advanced studies in techniques of quantitative and qualitative research design, data collection, management, analysis, and presentation. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all sociology majors.

SOCI 3030 Sociological Theory

CREDIT HOURS 3.0

PREREQUISITES SOCI 1101 with grade of C or higher, or equivalent

DESCRIPTION Major theoretical orientations used in sociology from the 1800s to the present.

SOCI 3040 Cognition and Society

CREDIT HOURS 3.0

DESCRIPTION Perceiving, focusing, classifying, timing, symbolizing, and remembering in a societal context. How thinking can vary cross-nationally and historically. The social construction of racial, ethnic, gender, sexual, and temporal boundaries; social connection between collective memories and national and group identities; and social foundations of knowledge and myth. Global Perspectives Course.

SOCI 3101 Families and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3120.) Key concepts and processes of family sociology with application to sexuality, partner selection, transition to parenthood, parenting and children, housework and paid work, conflict and violence, divorce and remarriage, grandparenting, care giving, and alternative families.

SOCI 3110 Identity, Self, and Social Interaction

CREDIT HOURS 3.0

DESCRIPTION Relations between the individual and society, the role of language and social interaction in the socialization of the person, the function of role taking, and identification in the emergence of the self.

SOCI 3124 GERO 3124/SOCI 3124-Diversity and Aging

CREDIT HOURS 3.0

DESCRIPTION This course examines aging as a social process and focuses on the influence of ethnicity and race, as well as other key social relations in shaping the life course. We will define and examine diversity and disparity and consider many of the socio-cultural factors that give rise to differences across the life course and in later life. 3:00 Credit Hours, crosslisted with SOCI 3124; Target Group: All undergraduate students, Gero and Soci undergraduate majors.

SOCI 3130 Sociology of Food

CREDIT HOURS 3.0

DESCRIPTION This course is designed as an introduction to the emerging field of the sociology of food. Food is intimately connected to vital sociological issues of power and identity. When you eat, how you eat, why you eat, and with whom speak volumes on our personalities, our social interactions, our social differentiations and stratifications, and our ethnic, gender, sexual, economic, political, religious, geographic, family, and life-stage identities. Topics will include food and the construction of identity, dining and manners, food movements, work in the food industry, food controversies, diet and health, fast food, globalizing markets, and others.

SOCI 3140 Sociology of HIV/AIDS

CREDIT HOURS 3.0

DESCRIPTION This course explores the social dimensions of HIV/AIDS in the U.S. and globally. We examine the social forces that impact and determine the course and experience of the epidemic as we also explore the impact the epidemic has had on communities and cultures worldwide. There are no prerequisites for this course.

SOCI 3152 Birth and Parenthood

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3140.) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

SOCI 3156 Sexuality and Society

CREDIT HOURS 3.0

DESCRIPTION Social construction and social control of sexuality. Examining trends in sexual attitudes and behaviors across the life course and how they are influenced by social interaction and social institutions. Topics may include sex research methods, representations of sexuality, sex education, sexual health and infection, sexual violence, and the commodification of sex.

SOCI 3162 African-American Family

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3000.) Contemporary theories and research on the African-American family.

SOCI 3201 Wealth, Power, and Inequality

CREDIT HOURS 3.0

DESCRIPTION Analysis of social structure and function in terms of class, caste, status, power, and mobility. Global Perspectives Course.

SOCI 3208 Work and Employment

CREDIT HOURS 3.0

DESCRIPTION Meanings and conditions of work, the social implications of the division of labor, the changing structure of the labor force, and group relationships in industry.

SOCI 3212 Race and Ethnic Relations

CREDIT HOURS 3.0

DESCRIPTION The major processes and outcomes that occur when racial or ethnic groups interact. Topics studied are the nature of racism, prejudice, discrimination, cultural pluralism, assimilation, integration, segregation, and immigrant adjustment patterns, as well as methods of resolving problems associated with these phenomena. Global Perspectives Course.

SOCI 3213 Immigration

CREDIT HOURS 3.0

DESCRIPTION Sociological analysis of causes and processes of immigration, as well as conditions of immigrant life and socio-cultural, demographic, economic, and political effects of immigration on different societies. Cities Perspectives Course.

SOCI 3216 Gender and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3130.) Social construction of gender, gender-based stratification, and power dynamics.

SOCI 3220 Activism, Protest, and Revolution

CREDIT HOURS 3.0

DESCRIPTION Conditions which generate social movements and factors affecting their success or failure. Issues include the timing of rebellion, strategies of protest, and the legacies of activism.

SOCI 3222 Deviant Behavior

CREDIT HOURS 3.0

DESCRIPTION Analysis of theories of deviant behavior, study of the control of deviance, and an examination of selected deviant subcultures.

SOCI 3224 Crime and Punishment

CREDIT HOURS 3.0

DESCRIPTION Different approaches to the etiology, treatment, and control of criminal behavior.

SOCI 3225 Youth and Crime

CREDIT HOURS 3.0

DESCRIPTION Sociological explanations of delinquency focusing on the socialization process that places adolescents at risk of delinquency, as well as the relationships between the socialization process, the family environment, peer associations, social structure, and delinquency.

SOCI 3228 The Holocaust

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4640.) Historical and social analysis of the mass deprivation and murder of Jews and other people under the policies and auspices of National Socialist Germany, 1933-1945.

SOCI 3232 Poverty and Welfare

CREDIT HOURS 3.0

DESCRIPTION Analysis of social needs and interventions in industrial and post-industrial United States, with an emphasis on the causes of poverty and measures for its alleviation.

SOCI 3315 Asian American Experience

CREDIT HOURS 3.0

DESCRIPTION This course is designed to answer questions such as who are Asian Americans and what are their historical, demographic and socio-economic trends, and what is the model minority myth/thesis from the social scientific perspective. Far too often, skewed statistics have been used to paint inaccurate portrait of APA communities. This course hopes to correct some of those mis-perceptions of APA by studying the most comprehensive set of statistics and figures, historical records, scientific analyses, and first hand narratives of APAs.There is no prerequisite for this course.

SOCI 3340 Population Problems

CREDIT HOURS 3.0

DESCRIPTION Analysis of population from the standpoint of theories, dynamics, composition, fertility, mortality, migration, and economic and social aspects. Cities Perspectives Course.

SOCI 3346 Drug Use and Abuse

CREDIT HOURS 3.0

DESCRIPTION Phenomenon of drug use and abuse with consideration of alcohol and other psychoactive drugs, including narcotics, marijuana, psychedelics, stimulants, sedatives, tranquilizers, and deliriants.

SOCI 3350 Social Change and the Future

CREDIT HOURS 3.0

DESCRIPTION Case studies and theories about the causes and consequences of modern and future social changes. Attention is given to strategies people use to produce social change, methods of forecasting future developments, and experts' ideas of what social patterns to expect in the future.

SOCI 3352 Mental Illness in the United States

CREDIT HOURS 3.0

DESCRIPTION Mental illness within the context of the larger social environment. Analysis of social and cultural factors in the incidence, recognition, course, and community management of mental health problems.

SOCI 3354 Sociology of Popular Culture

CREDIT HOURS 3.0

DESCRIPTION Effects of popular culture, such as TV, tabloids, and films on western and non-western societies; effects of social class on taste.

SOCI 3356 Queer Identities

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 3356.) Social construction of gay, lesbian, and bisexual identities, contemporary issues, including types and effects of discrimination based on sexual identity.

SOCI 3390 Selected Topics

CREDIT HOURS 3.0

DESCRIPTION A maximum of six credit hours may be applied toward the major. May be repeated if topics are different.

SOCI 3690 Honors Readings

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings on selected topics.

SOCI 4050 Global Perspectives on Violence Against Women

CREDIT HOURS 3.0

DESCRIPTION Comparative course investigating women's experiences of violence inside and outside the home, examining the reasons why women are disproportionately the victims of certain types of violence worldwide. Rates and types of violence against women are compared for various societies and strategies for ending violence explored.

SOCI 4110 Aging Policy and Services

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4110.) Aging policy, services, and programs emphasizing legislation, funding, planning, the aging network, and the long-term care system.

SOCI 4116 Aging and Society

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4116.) Application of sociological theory and methods to the study of aging in society; the impact of urbanization on the aged and the aged on social institutions.

SOCI 4119 Global Aging and Families

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4119.) This is an upper division undergraduate course designed to introduce population aging at a global level in a global perspective. The course utilizes macro-sociological approaches to explain how demographic changes, global economic transformations, and social policies influence aging experiences, processes, and families in different regions of the world. It also combines micro-sociological approaches to examine how families are changing in roles and responsibilities as well as in forms and structures because of population aging in a global context, informing students how aging is not just a personal issue but is affected by gender, race, ethnicity, class, as well as national boundaries. Global Perspectives Course.

SOCI 4122 Death, Dying, and Loss

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4122.) The process of death and dying, including the social roles of the dying person, the family, and those of the hospital and institutional staff; the social factors influencing death; social functions of bereavement; problems in coping created by medical technology and longevity.

SOCI 4130 Ties that Bind: Family, Intimacy, and Aging

CREDIT HOURS 3.0

DESCRIPTION (Same as GERO 4130.) This course examines older adults' family lives and intimate relationships in social, historical and demographic context. Emphasis is placed on understanding in the type, nature, content and meaning of relationships, and on identifying influential factors, including, for example, gender, race, ethnicity, class, sexual orientation, and health status.

SOCI 4150 Sexual and Intimate Violence

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4060.) Societal causes, power dynamics, and policy implications of rape and sexual violence, battery, psychological/emotional abuse, child abuse and neglect, and elder abuse.

SOCI 4218 Power and Politics

CREDIT HOURS 3.0

DESCRIPTION The relationship between society and the system of government, focusing on the United States, on who rules, and who makes the rules.

SOCI 4226 Urban Sociology

CREDIT HOURS 3.0

DESCRIPTION Analysis of urban society on the basis of the population, social organization, and social relationships of each. Cities Perspectives Course.

SOCI 4230 Sociology of Health and Illness

CREDIT HOURS 3.0

DESCRIPTION Social causes and effects of illness; beliefs and behaviors of healthy and sick people; social aspects of health professions training; the social organization and financing of health care; health policy issues such as genetic intervention, organ transplantation, medical technology, and the right to die.

SOCI 4279 Metropolitan Atlanta

CREDIT HOURS 3.0

DESCRIPTION (Same as HIST 4320 and GEOG 4768.) Interdisciplinary perspective focusing on social, historical, and geographic processes which have shaped the Atlanta region.

SOCI 4310 Issues in the African-American Community

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4000.) Examination of the impact of major societal issues on the African-American community.

SOCI 4311 African American Male/Female Relationships

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4030.) Explores historical, social, psychological, and economic factors impacting upon African-American relationships. Issues explored include negative images and stereotypes, color, beauty, and pornography; sex-gender and role identity, consumerism and narcissism, employment, and others. Gay and lesbian relationships will also be included.

SOCI 4312 African-American Women in the United States

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4100.) Contemporary social issues of African-American women. Emphasis on the historical roots of current issues and the interrelationships of gender, race, and class.

SOCI 4315 Girls

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4310.) Feminist analyses of who girls are and how they are socialized in our society. Girls' experiences with social institutions, growth and development issues, self-esteem and body image, sexuality, culture and media, third-wave feminism, and girls' movements.

SOCI 4360 Religion and Society

CREDIT HOURS 3.0

DESCRIPTION Religion as a social institution, including its interrelationships with other social institutions and other aspects of society and culture. Analysis of theories of religion and society applied to contemporary religious institutions.

SOCI 4366 Law and Society

CREDIT HOURS 3.0

DESCRIPTION Recruitment, training, and practice in the legal professions. Analysis of the legal system as a social process.

SOCI 4380 Educational Sociology

CREDIT HOURS 3.0

DESCRIPTION Sociological foundations of modern education and the relationships of the school as a social institution to family, church, and community institutions. Emphasis will be placed upon the school and social problems related to rapid urban development.

SOCI 4800 Critical Thinking through Writing in General Sociology

CREDIT HOURS 3.0

PREREQUISITES SOCI 1101 with grade of C or higher, or equivalent

DESCRIPTION Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all sociology majors. If you have taken this course without a CTW designation, you may not take it or receive credit for it as a CTW course.

SOCI 4801 Critical Thinking through Writing in Families, Health, and the Life Course

CREDIT HOURS 3.0

DESCRIPTION Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all sociology majors. If you have taken this course without a CTW designation, you may not take it or receive credit for it as a CTW course.

SOCI 4802 Critical Thinking through Writing in Gender and Sexuality

CREDIT HOURS 3.0

DESCRIPTION Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all sociology majors. If you have taken this course without a CTW designation, you may not take it or receive credit for it as a CTW course.

SOCI 4803 Race and Urban Studies-CTW

CREDIT HOURS 3.0

DESCRIPTION Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all sociology majors. If you have taken this course without a CTW designation, you may not take it or receive credit for it as a CTW course. Cities Perspectives Course.

SOCI 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

SOCI 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES SOCI 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of Honors thesis or project. This course may include a Signature Experience component.

SOCI 4980 Internship

CREDIT HOURS 1.0 TO 6.0

DESCRIPTION Combined academic training and professional experience in community agencies. Application required. See department adviser for information, including deadlines for applying. This course may include a Signature Experience component.

SOCI 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

SPAN SPANISH

SPAN 1001 Elementary Spanish I

CREDIT HOURS 3.0

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Spanish.

SPAN 1002 Elementary Spanish II

CREDIT HOURS 3.0

PREREQUISITES SPAN 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Spanish.

SPAN 1101 Intensive Elementary Spanish

CREDIT HOURS 6.0

DESCRIPTION Intensive introduction to Spanish, with emphasis on communicative competence, equivalent to SPAN 1001 and SPAN 1002. Not open to native speakers of Spanish.

SPAN 2001 Intermediate Spanish I

CREDIT HOURS 3.0

PREREQUISITES SPAN 1002 or SPAN 1101 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Introduction to aspects of Spanish culture. Grammar review as needed. Not open to native speakers of Spanish.

SPAN 2002 Intermediate Spanish II

CREDIT HOURS 3.0

PREREQUISITES SPAN 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Further introduction to Spanish culture. Grammar review as needed. Not open to native speakers of Spanish.

SPAN 2101 Intensive Intermediate Spanish

CREDIT HOURS 6.0

PREREQUISITES SPAN 1002 or SPAN 1101 with grade of C or higher, or equivalent

DESCRIPTION Intensive exposure to intermediate Spanish with emphasis on communicative competence, equivalent to SPAN 2001 and SPAN 2002. Not open to native speakers of Spanish.

SPAN 2203 Intermediate Spanish III

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 with grade of C or higher, or equivalent

DESCRIPTION Continuation of Spanish 2002 with emphasis on conversation and composition. Not open to native speakers of Spanish. Not open to students with prior credit for SPAN 2501.

SPAN 2501 Intermediate Spanish III for Heritage Speakers

CREDIT HOURS 3.0

PREREQUISITES placement on basis of departmental exam and/or interview

DESCRIPTION Review and practice of basic grammatical structures, vocabulary building, and development of appropriate register in the oral and written forms. Designed for, and open only to, Spanish speakers who have not received a formal education in a Spanish-speaking country. Not for students with prior credit in SPAN 2203.

SPAN 2901 Study Abroad in Spanish I

CREDIT HOURS 3.0

PREREQUISITES SPAN 1002 with grade of C or higher, or equivalent, and permission of program director

DESCRIPTION Intermediate level study of communicative skills in Spanish completed at a study abroad location in Spain or Latin America. This course may include a Signature Experience component.

SPAN 2902 Study Abroad in Spanish II

CREDIT HOURS 3.0

PREREQUISITES SPAN 1002 with grade of C or higher, or equivalent, and permission of program director

DESCRIPTION Intermediate level study of communicative skills in Spanish completed at a study abroad location in Spain or Latin America. This course may include a Signature Experience component.

SPAN 3301 Advanced Conversation and Reading

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Development of oral and reading skills, vocabulary building, and practice in the patterns of idiomatic Spanish. Not open to native speakers of Spanish.

SPAN 3303 Advanced Grammar I

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Intensive review of grammatical structures of most frequent error occurrence at intermediate level and their application in written form. Intermediate grammatical level is here defined as the average grammatical performance of students who have completed the first four semesters of Spanish at elementary and intermediate levels.

SPAN 3304 Advanced Spanish Composition

CREDIT HOURS 3.0

DESCRIPTION Prerequisites SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor. Improve the ability to communicate in writing in Spanish through a variety of discourses, such as descriptive, narrative (past and present), argumentative, and analytical. This objective will be accomplished through the study and practice of grammar, through a variety of exercises as well as by writing different types of compositions. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Spanish majors.

SPAN 3305 Advanced Conversation and Reading

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Development of oral and reading skills, vocabulary building, and practice in the patterns of idiomatic Spanish. Not open to native speakers of Spanish.

SPAN 3308 Introduction to Spanish Linguistics

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent

DESCRIPTION This course provides a non-technical introduction to Spanish Linguistics to provide students with knowledge that helps them make connections between the structure of Spanish and issues in contemporary Hispanic linguistics.

SPAN 3310 Hispanic Culture-CTW

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Historical and cultural aspects of either Spain from prehistoric times to the present or Latin America from pre-Columbian times to the present. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Spanish majors. Global Perspectives Course.

SPAN 3314 Hispanic Literature & Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 2002 or SPAN 2101 with a grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Study of genres and/or themes in Hispanic Literature and/or Culture across time periods up to the present day.

SPAN 3395 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

SPAN 3396 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

SPAN 3397 Study Abroad

CREDIT HOURS 3.0

DESCRIPTION Spanish language and culture in a native environment. Designed specifically for those students participating in the University System of Georgia Study Abroad Programs. This course may include a Signature Experience component. Global Perspectives Course.

SPAN 3501 Advanced Spanish for Heritage Speakers

CREDIT HOURS 3.0

DESCRIPTION Intensive review and practice of complex grammatical structures of Spanish, vocabulary building, and development of reading strategies of various types of texts. Designed for Spanish speakers who have not received a formal education in a Spanish-speaking country. Not open to native speakers. Not for students with prior credit for SPAN 3303.

SPAN 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

SPAN 4403 Advanced Grammar II

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of B or higher

DESCRIPTION Practical follow-up of grammatical structures of most frequent error occurrence at intermediate level and intensive review of advanced grammatical structures. Open to native, heritage, and non-native speakers who meet the course requirement.

SPAN 4405 Spanish for International Business I

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Students who are not in the 5-Year Joint Degree Program or IEML are strongly recommended to take BUSA 3000 when the course is offered in Spanish. Discussion of current business and economic issues in Spanish-speaking countries. Global Perspectives Course.

SPAN 4407 Spanish for International Business II

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Students who are not in the 5-Year Joint Degree Program or IEML are strongly recommended to take BUSA 3000 when the course is offered in Spanish. The course is a continuation of SPAN 4405. Discussion of current business and economic issues in Spanish-speaking countries. Global Perspectives Course.

SPAN 4409 Techniques of Translation

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 or SPAN 3501 with grade of C or higher, or equivalent, or consent of instructor

DESCRIPTION Expansion of vocabulary and introduction to comparative stylistics through translations (English-Spanish and Spanish-English) of both literary and non-literary texts.

SPAN 4420 Medieval and Early Renaissance Spanish Literature

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Masterpieces of early Spanish epic, drama, and prose to the end of the fifteenth century.

SPAN 4421 Early Modern Literature and Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher

DESCRIPTION Spanish cultural and literary manifestations from the early sixteenth century to the end of the seventeenth.

SPAN 4432 Spanish Novel of the Twentieth Century

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Novels from the Generation of 1898 to the present.

SPAN 4440 Special Topics in Spanish Literature

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Readings of particular authors, genres, topics not covered by regular courses. May be repeated for credit when topic varies.

SPAN 4450 Special Topics in Linguistics

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 with grade of C or higher, or consent of instructor

DESCRIPTION Readings on particular topics and issues in Spanish Linguistics not covered by regular courses. May be repeated when topic varies.

SPAN 4454 Contemporary Latin American Novel

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION The Latin American novel of the twentieth century to the present, including the "Boom" and "Post-Boom" periods. Global Perspectives Course.

SPAN 4456 Latin American Short Story

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION The evolution of the genre in the nineteenth and twentieth centuries, as manifested in the various schools of romanticism, modernism, realism, naturalism, "vanguardismo," and contemporary trends. Global Perspectives Course.

SPAN 4465 Practicum in Spanish

CREDIT HOURS 3.0

PREREQUISITES Senior standing or consent of instructor

DESCRIPTION Directed work in special project; field experience; internships. This course may include a Signature Experience component.

SPAN 4467 Latin American and Latino Film and Video

CREDIT HOURS 3.0

PREREQUISITES Spanish 3303 and SPAN 3314 with grade of C or higher, or equivalent

DESCRIPTION Course fulfills Concentration requirements. This course introduces students to Latin American film and video. Discussion follows a historic and thematic progression to highlight the significant social and political events during the 20th century and the present. Global Perspectives Course.

SPAN 4468 Hispanic Caribbean Literature and Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grade of C or higher, or equivalent

DESCRIPTION Survey of literature and culture from the Hispanic Caribbean, including Cuba, Puerto Rico, Dominican Republic, and other areas. Global Perspectives Course.

SPAN 4469 Afro-Hispanic Literature and Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Survey of literature and other cultural production involving the African legacy in Spanish America. Global Perspectives Course.

SPAN 4470 Special Topics in Latin American Literature

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grade of C or higher, or equivalent

DESCRIPTION Reading on particular authors, genres or topics normally not covered by regular courses. May be taken more than once if topics are different.

SPAN 4480 Special Topics in Hispanic Culture

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with grades of C or higher, or equivalent

DESCRIPTION Readings on particular topics and issues in Hispanic Culture not covered by regular courses. May be repeated if topics vary.

SPAN 4490 Senior Studies

CREDIT HOURS 3.0

PREREQUISITES senior standing, a 3.5 average, and at least nine hours of upper-level courses in the major

DESCRIPTION Extensive reading, discussions, and analysis of a broad spectrum of representative works, covering the most important genres and historical periods.

SPAN 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

SPAN 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION

SPAN 4890 Contemporary Mexican Fiction

CREDIT HOURS 3.0

PREREQUISITES SPAN 3303 and SPAN 3314 with a grades of C or higher, or equivalent

DESCRIPTION An overview of the most influential novels in Mexican culture since 1960, with emphasis on writers such as Rulfo, Fuentes, Poniatowska, Agustin, Pacheco, Mastretta and Esquivel. Global Perspectives Course.

SPAN 4990 Independent Study – Special Topics for Majors

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES Completion of at least two 3000-level Spanish courses with a grade of C or higher and consent of the instructor

DESCRIPTION For Spanish majors with a grade point average of 3.0 or better in major courses and all course work. No more than four credit hours may be applied toward the major. Special topics readings and/or research to be determined in consultation with the instructor.

SPAN 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

SPCH SPEECH

SPCH 1000 Human Communication

CREDIT HOURS 2.0

DESCRIPTION An introduction to human communication, including language development, verbal, non-verbal, interpersonal, small group, organizational, public, and intercultural communication. This course may be used as one of the courses required in Area B, Institutional Options.

SPCH 1010 Voice and Articulation

CREDIT HOURS 3.0

DESCRIPTION Principles of phonation and articulation for the development of the speaking voice and correction of defects and mannerisms.

SPCH 1500 Public Speaking

CREDIT HOURS 3.0

DESCRIPTION Preparation and delivery of speeches to inform and to persuade. Special emphasis is placed on the fundamentals of organization, structure, and content of speeches. The student will analyze great American speeches, both historical and contemporary.

SPCH 2050 Media, Culture, and Society

CREDIT HOURS 3.0

DESCRIPTION Review of the ways in which mass mediation has transformed culture, politics, and communication. Purpose is to enhance media literacy by assessing current debates over the role of the media in American society. (May be used to fulfill a requirement in core curriculum Area C.).

SPCH 2210 Business and Professional Communication

CREDIT HOURS 3.0

PREREQUISITES SPCH 1500 with grade of C or higher

DESCRIPTION Theory and practice of oral communication appropriate to business and professional environments, including public and interpersonal communication within organizations.

SPCH 2510 Debate Activity

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Four and one-half hours lecture and laboratory a week. Participation in all aspects of debating. May be repeated for a maximum of nine hours.

SPCH 2650 Interpersonal Communication

CREDIT HOURS 3.0

DESCRIPTION Principles and types of communication in informal face-to- face situations, particularly involving relationships within families and among coworkers and friends.

SPCH 2710 Argumentation

CREDIT HOURS 3.0

DESCRIPTION This course is designed to help students develop their ability to construct sound arguments and to critically evaluate arguments made by others. Students will learn how to collect and evaluate evidence, analyze reasoning, detect fallacies, while simultaneously learning the fundamental principles of the rhetorical arts.

SPCH 3000 Phonetics

CREDIT HOURS 3.0

PREREQUISITES SPCH 1010 or SPCH 1500 with grade of C or higher, or consent of instructor

DESCRIPTION Training in the pronunciation of Standard American English and the International Phonetic Alphabet.

SPCH 3010 Advanced Public Speaking

CREDIT HOURS 3.0

PREREQUISITES SPCH 1000 and SPCH 1500 with a grade of C or higher or consent of instructor

DESCRIPTION Development of the proper techniques of persuasion, demonstration, and the preparation and delivery of business and professional speeches.

SPCH 3040 Communicating Environmental Issues

CREDIT HOURS 3.0

PREREQUISITES SPCH 1000 with a grade of C or higher and an institutional GPA of 2.5 or higher

DESCRIPTION Cross-listed with JOUR 3040. Critical and cultural approaches to analyzing environmental discourses and producing problem-solving environmental messages. Global environmental issues are studied via: advocacy campaigns, journalism, green marketing, industry rhetoric, science and risk communication, media representations, and environmental and animal ethics.

SPCH 3050 Speech Communication Research Methods

CREDIT HOURS 3.0

DESCRIPTION Prerequisite SPCH 1000 with a grade of C or higher. Introduction to speech communication research methods, including data collection, analysis and interpretation. Specific methods will include observation, focus groups, interviews, experiments, surveys, and content analysis. An introduction to statistics and statistical tests is included as well.

SPCH 3060 Communication Law and Regulation

CREDIT HOURS 3.0

DESCRIPTION The laws as applied to press, film, and telecommunication. A philosophical basis and evolution of legal precedent governing media, slander, privacy, copyright, information access, constitutional issues, and practical limitations of libel. (Journalism majors must take this course under the journalism heading.).

SPCH 3250 Persuasion-CTW

CREDIT HOURS 3.0

DESCRIPTION PrerequisiteSPCH 1000 and SPCH 2710 with a grade of C or higher. Examine humanistic and/or social scientific perspectives about persuasion. Critical thinking is emphasized through the exploration of topics that include the psychology of persuasion, propaganda, and the formulation of public opinion. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all speech majors.

SPCH 3450 Non-Verbal Communication

CREDIT HOURS 3.0

DESCRIPTION Analysis of non-verbal behaviors as human communication messages.

SPCH 3510 Principles of Debate

CREDIT HOURS 3.0

PREREQUISITES SPCH 1010 or SPCH 1500 with grade of C or higher, or consent of instructor

DESCRIPTION A systematic approach to skills necessary for effective argumentative speeches: research, evidential burdens, argument briefing, organization.

SPCH 3690 Honors Readings

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings in selected topics.

SPCH 3750 Intercultural Communication

CREDIT HOURS 3.0

DESCRIPTION Principles and theories of communication across cultures. Topics to be discussed include intercultural communication competence, cultural patterns of communication, verbal and non-verbal dimensions of intercultural communication, and obstacles to intercultural communication.

SPCH 4400 Development of Communication and Language Across the Lifespan

CREDIT HOURS 3.0

PREREQUISITES SPCH 1000 with grade of C or higher

DESCRIPTION Theories, nature, basic behavioral aspects, and constraints of typical communication and language development across the lifespan.

SPCH 4410 Communication Disorders

CREDIT HOURS 3.0

PREREQUISITES SPCH 3000 with grade of C or higher

DESCRIPTION Causes, incidence, assessment, and treatment of speech, language, and hearing disorders of children and adults. A basic knowledge of the anatomy and physiology of the speech and hearing mechanism is recommended.

SPCH 4450 Rhetorical Theory and Criticism

CREDIT HOURS 3.0

DESCRIPTION Development of critical skills useful for evaluating public discourse, with an emphasis on classical and modern theories of rhetoric.

SPCH 4475 Communication and Aging

CREDIT HOURS 3.0

DESCRIPTION A broad overview of the ways in which communication affects, and is affected by, the aging process. Life-span development and the theory and research in the area of communication and aging.

SPCH 4480 Political Campaign Communication

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4480.) Principles, theories and practices of communication in campaign contexts.

SPCH 4485 Presidential Rhetoric

CREDIT HOURS 3.0

DESCRIPTION Relationships between presidential communication, audiences, and the institution of the American presidency.

SPCH 4490 Communication and Gender

CREDIT HOURS 3.0

DESCRIPTION (Same as WGSS 4130.) The influence of gender (social definitions of maleness and femaleness) on public, interpersonal, and mass communication.

SPCH 4500 Visual Communication

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4500.) Examination of communication theories that help explain how visual images symbolically interact with audiences. The manifest and latent persuasive functions of visual messages will be explored in a variety of contexts, from the mass media to human interactions.

SPCH 4510 Media and Politics

CREDIT HOURS 3.0

DESCRIPTION (Same as JOUR 4510.) Examination of the symbiotic relationship among the media, the political process, and the public. Emphasis on how the media's structures and conventions help identify and frame issues and provide interpretative frameworks for analyzing political messages.

SPCH 4515 Communicating Identities

CREDIT HOURS 3.0

DESCRIPTION The communicative processes involved in the creation and articulation of individual and collective identities. May be repeated once for credit if topic is different.

SPCH 4520 African-American Rhetoric

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 3480.) Survey of African-American contributions to public communication. Emphasis on Afrocentric and traditional approaches to rhetorical theory and criticism.

SPCH 4530 Voices of African-American Feminists

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4530.) Overview of the rhetorical history of African-American female political and social activities.

SPCH 4540 Mediation and Conflict Resolution

CREDIT HOURS 3.0

DESCRIPTION Three lecture hours per week. Analysis of the role of communication as it relates to mediation and conflict resolution in public and interpersonal contexts. Theoretical concepts and practical applications will be emphasized.

SPCH 4550 Communication Styles

CREDIT HOURS 3.0

DESCRIPTION Principles, theories, and impacts of various communication styles, including patronizing speech, verbal immediacy, argumentativeness, verbal aggressiveness and others.

SPCH 4560 Health Communication

CREDIT HOURS 3.0

DESCRIPTION Use theories of health communication and persuasion to critique, develop, and evaluate health communication campaigns, entertainment-education efforts, and health in the news and entertainment media. Explore the role that interpersonal communication, social media, and new technology have on health behaviors.

SPCH 4610 Rhetoric of American Issues

CREDIT HOURS 3.0

DESCRIPTION Examining the rhetoric surrounding selected issues in American history, issues that manifest in a variety of forms historically and continue to motivate current debates. Examples include: federal v. state authority; church and state; limits of free speech; pluralism v. American identity; America's role in the world; attitudes toward technology.

SPCH 4800 Communication and Diversity-CTW

CREDIT HOURS 3.0

PREREQUISITES SPCH 3250 with grade of C or higher

DESCRIPTION This senior capstone course explores the complex relationship between communication and diversity. Critical thinking is emphasized through an examination of potential topics that include ethics, conflict, identity, and community. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all speech majors.

SPCH 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

SPCH 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES SPCH 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

SPCH 4890 Special Project

CREDIT HOURS 3.0

PREREQUISITES Nine hours credit in the major and consent of instructor

DESCRIPTION Individually-designed project in speech, utilizing on-campus and field resources. May be repeated for a maximum of six hours.

SPCH 4980 Internship

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES eligibility criteria may be obtained from the Department of Communication Internship Coordinator

DESCRIPTION Representative field experiences in areas related to the speech major. This course may include a Signature Experience component.

SPCH 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

SWAH 1002 Elementary Swahili II

CREDIT HOURS 3.0

PREREQUISITES SWAH 1001 with grade of C or higher, or equivalent

DESCRIPTION Development of basic skills in listening, speaking, reading, and writing; acquisition of grammatical structures. Not open to native speakers of Swahili.

SWAH 2001 Intermediate Swahili I

CREDIT HOURS 3.0

PREREQUISITES SWAH 1002 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Not open to native speakers of Swahili.

SWAH 2002 Intermediate Swahili II

CREDIT HOURS 3.0

PREREQUISITES SWAH 2001 with grade of C or higher, or equivalent

DESCRIPTION Continuing development of listening, speaking, reading, and writing skills through use of audio and video materials as well as literary and non-literary texts. Grammar review as needed. Not open to native speakers of Swahili.

TSLE 4250 Language and Discourse in Global and Professional Contexts

CREDIT HOURS 3.0

DESCRIPTION Students receive an overview of the principles of language structure, the processes of first and second language acquisition, and the issues involved in assessing language proficiency with special attention paid to the application of linguistic knowledge to the multilingual and multicultural school setting. (TSLE 4250 can be cross-listed with TSLE 7250).

TSLE 4260 Global and Local Intercultural Relations and Development

CREDIT HOURS 3.0

DESCRIPTION Students examine the concept of culture and study cultural influences and the uses of culture in the education of children. Special attention is paid to the application of linguistic and cultural knowledge to the multilingual and multicultural school setting. (TSLE 4260 can be cross-listed with TSLE 7260).

TSLE 4440 Working with Multilingual Populations

CREDIT HOURS 3.0

DESCRIPTION This course prepares students to effectively work with multilingual populations in diverse work contexts. By closely working with a multilingual individual one-on-one in meeting their language needs, students will become familiar with current second language classroom research and methods and materials with an emphasis on adapting these methods and materials to a specific work setting. Students will learn about themselves, different learning and communication styles, and working with diverse populations. The combination of the course work and tutoring experience allows students to explore a number of sociocultural and linguistic issues that multi-linguals encounter as well as assets that they have. (TSLE 4440 can be cross-listed with TSLE 7440).

TEXT 3000 Introduction to Textiles

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION Investigation of color theory and color mixing as applied to dyeing. Fiber identification, basic dye chemistry, and dye techniques. Resist-dye processes, including shibori. Basic sewn structures.

FEES $110.00

TEXT 3100 Surface Design I

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION Application of surface-design techniques on fabric. Paste-resist dyeing, fabric-printing techniques using stencils, blocks, and stamps. Manipulation of designed fabric.

FEES $60.00

TEXT 3200 Textile Structures I

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION Introduction, investigation and expansion of the textile-based utility structures as an art form. Such non-loom structures as looped, knotted, knotless and interlaced structures towards mixed media fine art and design application.

FEES $60.00

TEXT 3300 Fibers, Fabrics, and Forms

CREDIT HOURS 3.0

PREREQUISITES ART 1010, ART 1020, ART 1030, and AH 1700 with grades of C or higher

DESCRIPTION An introduction to the practices, processes, and ideas of a creative artist working in 3D Fiber/Mix-Media forms. Course focuses on hand-constructed processes and structures such as coiling, twining, interlacing, knitting, crocheting, etc. as three-dimensional art forms.

TEXT 3500 Surface Design II: Photo Screen Printing

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000 and TEXT 3100 with grades of C or higher, or approval of instructor

DESCRIPTION Exploration of photo screen printing processes for art fabric and yardage. Investigation of repeats, complex surface design processes, and color interaction.

FEES $115.00

TEXT 3600 Textile Structures II

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000, TEXT 3100, TEXT 3200, and TEXT 3910 with grades of C or higher, or consent of instructor

DESCRIPTION Introduction, investigation and expansion of the textile-based utility structures as an art form. Such non-loom structures as looped, knotted, knotless and interlaced structures towards mixed media fine art and design application.

FEES $95.00

TEXT 3700 Heat Techniques with Fabric

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000 and TEXT 3100 with grades of C or higher, or approval of instructor

DESCRIPTION Thermal dye printing techniques using disperse dyes on synthetic fiber. Three-dimensional origami patterning, heat-shaped shibori and pleating, contemporary surface design using heat tools. Exploration in large scale art fabric and sculptural forms.

FEES $95.00

TEXT 3800 Digital Textile Design

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000, TEXT 3100, and TEXT 3910 with grades of C or higher, or consent of instructor

DESCRIPTION CAD (Macbased) digital textile design and printing on wide format printer. Repeat design printing on fabric and postprint treatment. Design portfolio development and large scale art fabric. This course may be repeated for a maximum of eight credit hours if topic varies.

FEES $95.00

TEXT 3900 Selected Topics in Textiles

CREDIT HOURS 4.0

PREREQUISITES consent of instructor

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of eight credit hours.

FEES $20.00. 4.000 Credit hours

TEXT 3910 Historic Textiles

CREDIT HOURS 3.0

PREREQUISITES AH 1700 with grade of C or higher

DESCRIPTION Historical survey of textiles, textile technology, and design on both woven and dyed/printed/painted textiles worldwide. Interrelationship of textile technology and design in a historical and cultural context. Global Perspectives Course.

TEXT 4500 Directed Study in Textile Design

CREDIT HOURS 4.0

PREREQUISITES TEXT 3000, TEXT 3100, and TEXT 3910 with grades of C or higher, or consent of instructor

DESCRIPTION Directed study on advanced surface design or individual research into ethnic, historical, and contemporary textile design practice in both surface design and weaving. This course may be repeated for up to sixteen credit hours, if the topic varies.

FEES $95.00

TEXT 4800 Digital Textile Design II

CREDIT HOURS 4.0

PREREQUISITES TEXT 3800 with grade of C or higher, or consent of instructor

DESCRIPTION An exploration of advanced industrial CAM software editing tools to create printed and woven fabrics designed on CAD software. An industrial mill output optional.

TEXT 4930 Internship in Textile Design

CREDIT HOURS 3.0

PREREQUISITES TEXT 4500 with grade of C or higher

DESCRIPTION Supervised internship experience in a professional design studio or textile manufacturing center. This course must be requested one semester in advance. This course may include a Signature Experience component.

TEXT 4940 Portfolio I

CREDIT HOURS 3.0

PREREQUISITES TEXT 4500 with grade of C or higher

DESCRIPTION Senior-year studio experience for B.F.A. candidates. Committee review.

FEES $70.00

TEXT 4950 Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES TEXT 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experience for B.F.A. candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Textiles majors.

FEES $70.00

TEXT 4980 Special Problems

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES TEXT 3000, TEXT 3100, TEXT 3200, TEXT 3910, and TEXT 4500 with grades of C or higher, and all 4000-level courses requirement toward BFA, or consent of instructor

DESCRIPTION Independent in-depth research and studio experience initiated by the student.

THEA 1010 Theatrical Design and Production

CREDIT HOURS 4.0

DESCRIPTION Introduction to theatrical design: scenery, lighting, and costume as they relate to technical production. Scene shop hours required Monday, Wednesday, or Friday from 1:30 - 5:30.

THEA 2000 Theatre Workshop

CREDIT HOURS 1.0

PREREQUISITES THEA 1010 with grade of C or higher

DESCRIPTION Theatre majors must repeat this course three times. This course requires students to fulfill a technical theatre assignment on live theatrical productions.

THEA 2040 Introduction to the Theatre

CREDIT HOURS 3.0

DESCRIPTION Lectures, videos, and live theatre events to introduce the non-theatre major to the basic elements of theatrical production, dramatic writing, and the historical context of the art. Studio and/or shop work required.

THEA 2210 Acting I

CREDIT HOURS 3.0

DESCRIPTION Basic acting theories and techniques.

THEA 3000 Lighting Design for Theatre

CREDIT HOURS 4.0

PREREQUISITES THEA 1010

DESCRIPTION Principles, processes, and aesthetics of lighting design for the theatre. Working knowledge of standard lighting equipment and terms used in the industry. Familiarity with the elements and functions of light, aesthetics of a lighting design, color in light and electrical theory. Practical experience working with lighting equipment used in theatre and design practica aid students in the development of a lighting plot, sectional, storyboards and paperwork for a theatrical production. Production crew work required.

THEA 3100 Play Analysis-CTW

CREDIT HOURS 3.0

DESCRIPTION A variety of tools for the analysis of play texts from a number of historical periods for use in the theatre by actors, directors, designers, and playwrights, with special emphasis on written analysis as an exercise in critical thinking. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all theatre majors.

THEA 3110 Technical Production II

CREDIT HOURS 3.0

PREREQUISITES THEA 1010 with grade of C or higher

DESCRIPTION Principles, processes and aesthetics of theatrical production as it relates to the technical director. Advanced topics in stage technology, including production planning, structural design for the stage, welding and rigging for the theatre, and drafting.

THEA 3210 Acting II

CREDIT HOURS 3.0

PREREQUISITES THEA 2210 with grade of C or higher, or consent of instructor

DESCRIPTION Continuation of the study of the theories of acting with practice in applying techniques and skills.

THEA 3300 Dramatic Writing for Stage and Screen

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION (Same as FILM 3300.) Basic principles of generating creative concepts, writing in dialogue form, dramatic structure, characterization, and using page formats for both play and screenplay. Students will write short pieces in both forms.

THEA 3690 Honors Reading

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Discussion and readings on selected topics.

THEA 4000 Acting for the Camera

CREDIT HOURS 4.0

PREREQUISITES THEA 2210 with grade of C or higher

DESCRIPTION (Same as FILM 4000.) Two lecture and two laboratory hours a week. Acting theory and practice related to film and television acting and performance. Course will require significant unscheduled collaborative class activity. Students must bear the cost of all materials and services required for the completion of class projects and assignments.

THEA 4050 Directed Activities in Technical Theatre

CREDIT HOURS 1.0 TO 3.0

PREREQUISITES THEA 1010 with grade of C or higher and consent of instructor

DESCRIPTION Performance of assigned theatre project, or production or design position in a Georgia State theatre production. May be repeated for a maximum of nine credit hours.

THEA 4070 Western Theatre History-CTW

CREDIT HOURS 3.0

DESCRIPTION Prerequisite for B.I.S. theatre majors: THEA 3100 with grade of C or higher. Western theatre history from the Greeks to the present, including theatre design, performance and production techniques, and representative play, with special emphasis on writing as a vehicle for critical thinking about research and analysis. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all theatre majors.

THEA 4090 African-American Theatre

CREDIT HOURS 3.0

DESCRIPTION (Same as AAS 4650.) Examination of the history and contributions of African-Americans to the American theatre.

THEA 4130 Stage Management

CREDIT HOURS 3.0

PREREQUISITES THEA 1010 and THEA 3100 with grades of C or higher

DESCRIPTION Overview of the theories, practicalities, and techniques of theatre stage management, including rehearsal and performance procedures, organizing and managing various types of performance venues, scheduling and union and non-union theatre rules. Practical exposure to professional stage management will be provided through participation in a Georgia State University Theatre production as either a stage manager or an assistant stage manager.

THEA 4210 Acting Styles

CREDIT HOURS 3.0

PREREQUISITES THEA 3210 with grade of C or higher

DESCRIPTION Advanced acting techniques for the creation and performance of various dramatic forms. Specific topics will change. Can be repeated for a maximum of twelve (12) hours, if topics vary.

THEA 4310 Advanced Playwriting

CREDIT HOURS 3.0

PREREQUISITES THEA 3300 with grade of C or higher

DESCRIPTION Continuation of study and practice of dramatic writing for the stage. Students will learn full-length dramatic structure, play development, and will write one full-length play.

THEA 4760 Performance Theory and Practice

CREDIT HOURS 3.0

PREREQUISITES THEA 4070 or THEA 4080 with grade of C or higher

DESCRIPTION Major twentieth-century ideas about live performance, from ritual to theatre, and their application to the criticism and creation of performance and plays.

THEA 4850 Directing

CREDIT HOURS 3.0

PREREQUISITES THEA 2210 with grade of C or higher, nine hours of major credit, or consent of instructor

DESCRIPTION Theory and analysis for directing theatrical productions, including practical exercises and directing a one-act play.

THEA 4860 Special Topics

CREDIT HOURS 3.0

PREREQUISITES consent of instructor

DESCRIPTION Special topics in theatre performance and playwriting.

THEA 4870 Honors Thesis: Research

CREDIT HOURS 3.0

PREREQUISITES Good standing with the Honors College and consent of instructor

DESCRIPTION Reading or research preparatory to honors thesis or project. This course may include a Signature Experience component.

THEA 4880 Honors Thesis: Writing

CREDIT HOURS 3.0 TO 6.0

PREREQUISITES THEA 4870 with grade of C or higher, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

THEA 4890 Special Project

CREDIT HOURS 3.0

PREREQUISITES Nine hours major credit and consent of instructor

DESCRIPTION Independent study in theatre. May be repeated to a maximum of six hours.

THEA 4950 Production Seminar

CREDIT HOURS 4.0

PREREQUISITES consent of instructor

DESCRIPTION Faculty supervised research and production work culminating in public performance of an evening of theatre. Course may be repeated once as an elective.

THEA 4980 Internship

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES eligibility criteria may be obtained from the Department of Communication Internship coordinator

DESCRIPTION Representative field experiences in theatre and related areas. This course may include a Signature Experience component.

THEA 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

3DS THREE-DIMENSIONAL STUDIES

3DS 3000 Introduction to Sculpture

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Assembling and fabricating; techniques and procedures in materials such as wood, metal, concrete, plaster, plastics, etc.

FEES $120.00

3DS 3050 Hand Building I

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Hand building methods of clay fabrication. Investigation of decoration processes, glazing, and firing of ceramic ware. Lab Fees: $80.00.

3DS 3100 Moldmaking

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Emphasis in molding and casting procedure applicable to metals, plastics, and concrete.

FEES $120.00

3DS 3150 Wheel Throwing I

CREDIT HOURS 3.0

PREREQUISITES ART 1030 or ART 1050 with grade of C or higher

DESCRIPTION Throwing on the potter's wheel. Emphasis on developing basic skills and techniques.

FEES $80.00

3DS 3250 Advanced Wheel Throwing

CREDIT HOURS 4.0

PREREQUISITES 3DS 3150 with grade of C or higher

DESCRIPTION Advanced work on the potter's wheel. Introduction to techniques of the production potter. Repeatable up to 3 times for credit.

FEES $80.00

3DS 3300 Intermediate Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 or 3DS 3100 with a grade of C or higher

DESCRIPTION An intermediate-level course designed to build upon skills acquired in 3DS 3000 or 3DS 3100 and prepare students to enter Directed Study in sculpture. May be repeated for up to 8 hours. Lab Fee $120.00.

3DS 3350 Ceramic Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3050 with grade of C or higher

DESCRIPTION Advanced methods of hand building with clay and plaster mold making processes; emphasis on ceramic sculptural techniques. Repeatable up to 2 times for credit.

FEES $80.00

3DS 3550 Figure as Concept: The Human Figure in Clay

CREDIT HOURS 3.0

PREREQUISITES 3DS 3050 with a grade of C or higher, or permission of instructor

DESCRIPTION Students will work from a combination of live models and photographic imagery to create conceptually compelling sculpture that uses the human form as its basis. Observational skills will be emphasized in tandem with conceptual development.

3DS 3600 Sculptural Drawing

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 with grade of C or higher, or consent of instructor

DESCRIPTION Investigates the process and outcome of drawing from the sculptor's perspective. Technical and conceptual aspects of drawing from this point of view will be covered.

FEES $120.00

3DS 3650 Ceramics Materials

CREDIT HOURS 4.0

PREREQUISITES 3DS 3050, 3DS 3150, and 3DS 3250, or higher ceramics course with grades of C or higher, or consent of instructor

DESCRIPTION Elementary chemistry as applied to glaze calculation; firing process; clay bodies; kiln building; studio equipment; and organizing.

FEES $80.00

3DS 3700 Wood Design

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 with grade of C or higher, or consent of instructor

DESCRIPTION A techniques-based course exploring wood as a medium for sculptural expression. Includes both additive and subtractive use of wood media, use of wood as a component of mixed-media works, lamination, and joinery.

FEES $120.00

3DS 3750 Digital and Photographic Imaging on clay

CREDIT HOURS 3.0

PREREQUISITES 3DS 3050 or 3DS 3150 with a grade of C or higher

DESCRIPTION Development of digital and photographic imagery and its application to 3D clay forms.

3DS 3800 Installation Art

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 with grade of C or higher, or consent of instructor

DESCRIPTION Exploration of the methods and theories involved in the production of installation art through the investigation of form and space and of their function in transforming environmental, architectural, or invented sites.

FEES $120.00

3DS 3900 Selected Topics in Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 and 3DS 3100, or 3DS 3200 with grade of C or higher

DESCRIPTION Special topics for studio art majors: technical workshops and specialized experiences or readings applicable to sculpture. May be repeated for a maximum of eight credit hours.

FEES $120.00

3DS 3910 History of Ceramics

CREDIT HOURS 4.0

DESCRIPTION Ceramics from the potteries of indigenous cultures to the fine porcelains of Asia and Europe and culminating in the eclecticism of the contemporary world. Includes ceramics from Africa, Egypt, Greece, Asia, the Near East, Europe, and the United States. Global Perspectives Course.

3DS 3920 Contemporary Ceramic History

CREDIT HOURS 3.0

DESCRIPTION Exploration of the ceramics from the Arts and Crafts Movement of the nineteenth century through contemporary trends.

3DS 3950 Selected Topics in Ceramics

CREDIT HOURS 3.0

PREREQUISITES 3DS 3050 or 3DS 3150 with grade of C or higher

DESCRIPTION Special topics for studio art majors. May be repeated for a maximum of nine credit hours.

FEES $80.00

3DS 4500 Directed Study in Sculpture

CREDIT HOURS 4.0

PREREQUISITES 3DS 3000 or 3DS 3100 with a grade of C or higher, and at least one of 3DS 3600, 3DS 3700, 3DS 3800, and 3DS 3900 with grade of C or higher

DESCRIPTION Individual studio problems for advanced students. May be repeated for a maximum of twenty credit hours.

FEES $120.00

3DS 4550 Directed Study in Ceramics

CREDIT HOURS 4.0

PREREQUISITES 3DS 3250 and 3DS 3350 with grade of C or higher

DESCRIPTION Individual studio problems for advanced students.

FEES $80.00

3DS 4930 Internship

CREDIT HOURS 3.0

PREREQUISITES consent of advisor

DESCRIPTION Available to advanced students who want to pursue a specialized educational opportunity not offered in the regular sculpture curriculum. For students who are seeking experience in the everyday professional field of sculpture. This course may include a Signature Experience component.

3DS 4940 Sculpture Portfolio I

CREDIT HOURS 3.0

PREREQUISITES 3DS 4500 with grade of C or higher

DESCRIPTION Senior-year studio experience for B.F.A. degree candidates. Committee review.

3DS 4945 Ceramic Portfolio I-CTW

CREDIT HOURS 3.0

PREREQUISITES 3DS 4550 with grade of C or higher

DESCRIPTION Senior-year studio experiences for B.F.A. degree candidates. First BFA capstone course for ceramics majors. Students develop a body of work. Fulfills CTW requirement. Committee review.

FEES $80.00

3DS 4950 Sculpture Portfolio II-CTW

CREDIT HOURS 3.0

PREREQUISITES 3DS 4940 with grade of C or higher, or concurrently

DESCRIPTION Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Sculpture majors.

3DS 4955 Ceramic Portfolio II-CTW

CREDIT HOURS 3.0

DESCRIPTION PrerequisitE: 3DS 4945 with grade of C or higher, or concurrently. Final BFA capstone course for ceramics majors. Culminating studio experiences for B.F.A. degree candidates. Committee review. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all Ceramics majors.

FEES $80.00

3DS 4980 Special Problems

CREDIT HOURS 4.0

PREREQUISITES consent of instructor and of School director

DESCRIPTION Independent studies initiated by the student. May be repeated for a maximum of eight credit hours.

TURK 1001 Elementary Turkish I

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in modern spoken Turkish. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Turkish.

TURK 1002 Elementary Turkish II

CREDIT HOURS 3.0

DESCRIPTION Development of basic communication skills in modern spoken Turkish. Introduction to the system of writing, the reading of simple texts, and basic grammatical structures. Not open to native speakers of Turkish.

TURK 2001 Intermediate Turkish I

CREDIT HOURS 3.0

PREREQUISITES TURK 1002 with grade of C or higher, or equivalent

DESCRIPTION This course emphasizes the continuing development of communicative skills, further work with the writing system, reading of simple authentic texts and understanding of intermediate grammatical structures.

TURK 2002 Intermediate Turkish II

CREDIT HOURS 3.0

PREREQUISITES TURK 2001 with grade of C or higher, or equivalent

DESCRIPTION This course emphasizes the continuing development of communicative skills, further work with the writing system, reading of simple authentic texts and understanding of intermediate grammatical structures.

WGSS WOMEN'S GENDER & SEXUALITY STUDIES

WGSS 1099 General Credit

CREDIT HOURS 1.0 TO 3.0

DESCRIPTION Previously WSt 1099.

WGSS 2010 Introduction to Women's Gender and Sexuality Studies

CREDIT HOURS 3.0

DESCRIPTION History and purposes of women's studies, basic concepts, and issues.

WGSS 3010 Feminist Theories-CTW

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Introduction to critical questions and contemporary debates in U.S. feminist theories, including the interrelations between increasing globalization and theorizing gender/sexuality. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all women's studies majors.

WGSS 3030 Introduction to LGBT Studies

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Introduction to LGBT (lesbian, gay, bisexual, and transgender) Studies introduces students to historical, theoretical and empirical research as well as fiction, film, and essays that relate to LGBT studies.

WGSS 3040 Globalization and Gender

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Globalization is a complicated process by which people, commodities, images, and capital move with great speed and fluidity across national borders. This course aims to familiarize students with the social, political, and economic impacts of globalization worldwide and to understand the gendered dynamics of such a process.

WGSS 3120 Families and Society

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3101.) Key concepts and processes of family sociology with application to sexuality, partner selection, transition to parenthood, parenting and children, housework and paid work, conflict and violence, divorce and remarriage, grandparenting, care giving, and alternative families.

WGSS 3130 Gender and Society

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3216.) Social construction of gender, gender-based stratification, and power dynamics.

WGSS 3140 Birth and Parenthood

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3152.) Pregnancy, birth, and parenting; fatherhood and motherhood in a social and historical context.

WGSS 3150 Sexuality and Society

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Social construction and social control of sexuality. Examining trends in sexual attitudes and behaviors across the life course and how they are influenced by social interaction and social institutions. Topics may include sex research methods, representations of sexuality, sex education, sexual health and infection, sexual violence, and the commodification of sex.

WGSS 3356 Queer Identities

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 3356.) Social construction of gay, lesbian, and bisexual identities, contemporary issues, including types and effects of discrimination based on sexual identity.

WGSS 3995 Feminist Literary Criticism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as ENGL 3995.) Critical approaches to the varieties of feminist thinking that influence studies of language, literature, and culture. Individual courses will vary in focus; topics and writers may range from the medieval period to the present. Multicultural perspectives on issues of gender, race, and class emphasized.

WGSS 4040 Gender, Race, and Class in Complex Societies

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010with a grade of C or better and ANTH 2020, or consent of instructor

DESCRIPTION (Same as ANTH 4040.)
Experiential learning in the urban setting through direct exposure to and experience in an ethnic community. Informed awareness of the knowledge, attitudes, and practices of ethnic communities within the community and larger society.
Cities Perspectives Course.

WGSS 4060 Sexual and Intimate Violence

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SOCI 4150.) Societal causes, power dynamics, and policy implications of rape and sexual violence, battery, psychological/emotional abuse, child abuse and neglect, and elder abuse.

WGSS 4130 Communication and Gender

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as SPCH 4490.) The influence of gender (social definitions of maleness and femaleness) on public, interpersonal, and mass communication.

WGSS 4150 Women and Media

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as JOUR 4780.) Critical and analytical approaches applicable to the study of women in the media. Emphasis on research methods appropriate for analyzing mediated representations of women and the impact of those images on women in society.

WGSS 4210 Gender and Power in Ethnographic Perspective

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better, and ANTH 2020 with grade of C or higher, or consent of instructor

DESCRIPTION (Same as ANTH 4420.) Ethnographic and theoretical examination of the role of gender in human societies, including role differences and inequalities between women and men cross-culturally; the cultural significance and social institutions associated with public and domestic spheres; power, ideology, and the production of historically specific gender identities and sexualities; global perspectives on feminism and approaches to women's empowerment.

WGSS 4240 Sexuality and Gender in Asia

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as WGSS 6240.)
Students will be exposed to studies of sexuality and gender in Asia from the perspective of feminist theory, queer theory, LGBT studies, and women's gender, and sexuality studies. Materials explored include academic texts, memoir, fiction, and film. No prior course on Asian Studies is required. The course will be particularly useful for majors/minors in Women's Studies, anthropology, and Asian Studies. Global Perspectives Course.

WGSS 4310 Girls

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as ANTH 4320 and SOCI 4315.) Feminist analyses of who girls are and how they are socialized in our society. Girls' experiences with social institutions, growth and development issues, self-esteem and body image, sexuality, culture and media, third-wave feminism, and girls' movements.

WGSS 4340 Gender and Film

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as FILM 4340.) Examines representations of gender in film and media from a variety of analytical perspectives as a way to understand social relations and cultural practices.

WGSS 4360 Philosophical Perspectives on Women

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as PHIL 4860.) Classical and contemporary issues concerning women, such as discrimination on the basis of gender, class, race, or sexuality, whether gender is natural or constructed, and historical roots of feminist and anti-feminist perspectives.

WGSS 4370 Women and Religion

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as RELS 4270.) Multicultural exploration of the role of women and female divinities in diverse religious traditions; readings from ancient myths to contemporary feminist theology.

WGSS 4440 Women in America

CREDIT HOURS 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as HIST 4250.) Issues involving American women from the seventeenth century to the present. Topics include women's changing economic role, the family, religion, race and ethnicity, the struggle for legal and political equality.

WGSS 4470 Visual Culture

CREDIT HOURS 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as ANTH 4470.) Study of the visual politics of social organization with emphasis on the images and the arenas of everyday life in North American culture. Includes explorations of the fashion system, the medical body, the cosmetic and fitness industry, visual colonialism, museum displays, and high and popular art.

WGSS 4510 Feminist Political Theory

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as POLS 4510.) This course is divided into three sections. The first is an overview of the treatment of women in Western political thought. The second is an analysis of five strands of feminist thinking: liberal, Marxist, socialist, radical, and postmodern. The third is a more detailed look at a few particular authors, including de Beauvoir, Gilligan, hooks, and MacKinnon.

WGSS 4580 Thinking the Body

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Crosslisted with WGSS 6580. This course considers different threads of feminist and social body theory as they consider the idealization and representation of the body, the input of biopolitical and scientifico-medical discourses on notions of the body, and interrogate the perceived materiality of the body. The course also addresses interventions in normalizing body discourses, specifically in genres of performance art, memoir, and personal essay.

WGSS 4590 Cultural Studies of Gender

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Introduces students to cultural studies as a methodological approach to studying gender and culture. The topics vary each year; however, the course will consistently examine how popular culture provides a means for understanding social negotiation, politics and identity construction that people enact in everyday activities with a special focus on the role of gender.

WGSS 4650 Gender and Sexuality in European History

CREDIT HOURS 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as HIST 4650.) Explores changing views of men's and women's roles in society, politics, and the economy. Topics include changing ideas about masculinity and femininity; the evolution in ideas about sex and sexuality; the invention of homosexuality; and the "sexual revolution" of the twentieth century.

WGSS 4720 Feminist Issues in Contemporary Art

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Crosslisted with AH 4720, AH 6720, and WGSS 6720. Emphasis on feminist analyses of contemporary art and visual culture.

WGSS 4740 Women Artists

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as AH 4750.) A survey of women artists from prehistory to the present.

WGSS 4750 Black Feminist Thought

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Explores the tradition of Black feminism in the nineteenth and twentieth centuries. Students will critically read, discuss, and respond in writing to a series of texts representing Black feminist thought and its relationship to other feminisms. Students will be expected to demonstrate their knowledge of the Black feminist tradition and their ability to query, compare, and extend Black feminist theories.

WGSS 4760 Activism: History and Theory

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION theoretical and historical perspectives on activism, focusing on how various types of activism are intertwined, the emergence of second-wave feminism within the context of civil rights and anti-war movements, and current feminist activisms within broader social justice frameworks. Students are required to spend a specified number of hours per week working on an activist project.

WGSS 4770 Gender and Sexuality in the African Diaspora

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION This course thinks about the kinds of conceptual tools: questions, methods, theories, histories, geographies, time periods, and social/cultural movements needed in order to understand the dynamic and shifting terrain of gender and sexuality in the African Diaspora. Colonialism, slavery, social movements as well as transnational circuits of music, self-expression, desire and consumption/production will frame our approach to theorizing gender and sexuality in the actual and imagined spaces of the African Diaspora. Crosslisted with WGSS 6770.

WGSS 4780 African-American Lesbian and Gay Activism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION (Same as AAS 4780.) Examines the speeches, writings, and other public communication of African-American lesbians and gay men who promote democratic ideals. Surveys historical and contemporary issues confronting this marginalized population. Emphasis on thematic and cultural critical approaches.

WGSS 4790 Womanism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better and one of the following: WGSS 3010, WGSS 4750, WGSS 4780, WGSS 4110, AAS 4080, WGSS 4450, AAS 4660, HIST 4260, WGSS 4010, AAS 4530, SPCH 4530, WGSS 4312, AAS 4100, or SOCI 4312

DESCRIPTION Explores womanism as a perspective distinct from feminism. Examines the multiple origins of womanism within global Africana discourse. Covers theoretical and activist dimensions of womanism across multiple disciplines and in popular culture.

WGSS 4810 Feminism and Foucault

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Provides a broad overview of the works of the French philosopher, Michel Foucault, and emphasizes feminist/womanist use of his theories and methods to analyze domination and resistance.

WGSS 4820 Feminism and Queer Theory

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Analyzes the relations of sexuality and gender identity, as well as the interrelationships among these identities and other institutions, such as capitalism, globalization, art and performance, the law, media, and academia.

WGSS 4830 Class Matters

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Investigates the complexities of class in the U.S., where it is elusive because we often imagine ourselves free from the fixed hierarchies of other societies or, at the very least, overestimate our class mobility. Connects issues of social stratification to other systemic oppressions, such as race and gender, in the context of increasing globalization.

WGSS 4840 Arab and Islamic Feminisms

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION We will look at how Arab and Islamic feminisms articulate with concerns of other feminisms indigenous to the global south and how Arab and Islamic feminisms have emerged as oppositional discourses to colonialism, patriarchal nationalism, and Western feminism. Global Perspectives Course.

WGSS 4842 Sexuality and Nationalism

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION This course explores the relationship between modern forms of identity, sexuality, gender and political regimes. We will explore the deployment of sexuality in various political systems and discuss the specific relations between nationalism and sexuality.
Global Perspectives Course.

WGSS 4844 Youth and Sexualities

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION This class takes up the intersections of youth and sexuality. Readings, discussion, and analysis focus on the ways adults seek to govern the sexual subjectivities of young people and the ways young people respond to their surroundings as they create identities and social practices related to sexuality. Focuses of the course include practices of governing others and the self relating to sex education, the creation of "LGBT" and "queer" youth, social scientific "expertise," and popular culture.

WGSS 4846 Gender, War, and Militarism in/and the Middle East

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Crosslisted with WGSS 6846. This course explores the interrelationships of war and militarism with gender and sexuality, with a focus on the geopolitical context of the Middle East. Students will engage with a variety of feminist and queer perspectives and disciplinary and interdisciplinary methodologies, including history, anthropology, literature, international relations, and cultural studies.

WGSS 4870 Honors Thesis: Research

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES WGSS 2010 with a grade of C or better and consent of the instructor and Honors Program director

DESCRIPTION Readings or research preparatory to honors thesis or project. This course may include a Signature Experience component.

WGSS 4880 Honors Thesis: Writing

CREDIT HOURS 1.0 TO 6.0

PREREQUISITES WGSS 2010 with a grade of C or better, WGSS 4870, good standing with the Honors College and consent of instructor

DESCRIPTION Writing or production of honors thesis or project. This course may include a Signature Experience component.

WGSS 4910 Special Topics

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Intensive treatment of specified topics in women's studies. May be repeated for credit if topic varies.

WGSS 4911 Special Topics in Sexuality Studies

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Intensive treatment of specified topics in sexuality studies. May be repeated if topic varies.

WGSS 4912 Special Topics in Women's Studies

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Intensive treatment of specified topics in women's studies. May be repeated for credit if topic varies.

WGSS 4920 Senior Research-CTW

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better and WGSS 3010

DESCRIPTION Opportunity to do advanced work on a chosen topic, to be chosen by the student and her/his advisor. The major components of the course include developing in-depth researching and writing skills through focusing on the process involved in writing and revising a major paper. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all women's studies majors. May be repeated to a maximum of six hours. This course may include a Signature Experience component.

WGSS 4950 Internship-CTW

CREDIT HOURS 3.0

PREREQUISITES WGSS 2010 with a grade of C or better and WGSS 3010

DESCRIPTION Opportunity to combine academic study with practical experience in an organizational setting specializing in attention to women's or gender related issues. A revised paper and internship journal are required. Serves as one of the two Critical Thinking Through Writing (CTW) courses required of all women's studies majors. This course may include a Signature Experience component.

WGSS 4995 Directed Readings B.I.S.-CTW

CREDIT HOURS 3.0 TO 4.0

PREREQUISITES WGSS 2010 with a grade of C or better

DESCRIPTION Directed Readings designed for Bachelor of Interdisciplinary Studies students. This course may satisfy the junior and/or senior-level Critical Thinking Through Writing requirements.

WGSS 4999 Directed Readings

CREDIT HOURS 1.0 TO 4.0

PREREQUISITES WGSS 2010 with a minimum grade of C and consent of instructor

DESCRIPTION

Appendix II Administration and Faculty

This chapter contains information on administration for the University System of Georgia, Board of Regents and Georgia State University. A list of all Georgia State University faculty is provided.

The University System of Georgia

The University System of Georgia includes all state-operated institutions of higher education in Georgia: four research universities, four comprehensive universities, nine state universities, and 13 state colleges. These 30 public institutions are located throughout the state.

A 19-member constitutional Board of Regents governs the University System, which has been in operation since 1931. Appointments of board members, five from the state-at-large and one from each of the state's fourteen congressional districts, are made by the governor and are subject to confirmation by the State Senate. Regular terms of board members are seven years.

The chairperson, vice chairperson, and other officers of the Board of Regents are elected by the members of the board. The chancellor, who is not a member of the board, is the chief executive officer of the board and the chief administrative officer of the University System.

The overall programs and services of the University System are offered through three major components: instruction, public service and continuing education, and research.

Instruction consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level, and certificates.

Standards for admission of students to instructional programs at each institution are determined by the institution pursuant to policies of the Board of Regents. The board establishes minimum standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed to the institutions.

Public service and continuing education consist of non-degree activities, primarily, and special types of college degree credit courses. The non-degree activities include short courses, seminars, conferences, and consultative and advisory services in many areas of interest. Typical college degree credit courses are those offered through extension center programs and teacher education consortiums.

Research encompasses scholarly investigations conducted for discovery and application of knowledge. Most of the research is conducted through the universities; however, some of it is conducted through several of the senior colleges. The research investigations cover matters related to the educational objectives of the institutions and to general social needs.

The policies of the Board of Regents provide a high degree of autonomy for each institution. The executive head of each institution is the president, whose election is recommended by the chancellor and approved by

the board.

Send correspondence to:

The University System of Georgia
270 Washington Street, SW
Atlanta, Georgia 30334

Units

Research Universities

Athens	University of Georgia
Atlanta	Georgia Institute of Technology
Atlanta	Georgia State University
Augusta	Georgia Regents University

Comprehensive Universities

Carrollton	University of West Georgia
Kennesaw	Kennesaw State University
Statesboro	Georgia Southern University
Valdosta	Valdosta State University

State Universities

Albany	Albany State University
Americus	Georgia Southwestern State University
Columbus	Columbus State University
Dahlonega	University of North Georgia
Fort Valley	Fort Valley State University
Milledgeville	Georgia College & State University
Morrow	Clayton State University
Savannah	Armstrong State University
Savannah	Savannah State University

State Colleges

Albany	Darton State College
Atlanta	Atlanta Metropolitan State College
Bainbridge	Bainbridge State College
Barnesville	Gordon State College

Brunswick	College of Coastal Georgia
Dalton	Dalton State College
Decatur	Georgia Perimeter College
Douglas	South Georgia State College
Lawrenceville	Georgia Gwinnett College
Macon	Middle Georgia State College
Rome	Georgia Highlands College
Swainsboro	East Georgia State College
Tifton	Abraham Baldwin Agricultural College

The Board of Regents

Members

W. Paul Bowers, Atlanta	State-at-Large
James M. Hull, Augusta	State-at-Large
Donald M. Leeburn, Jr., McDonough	State-at-Large
Thomas Rogers Wade, Atlanta	State-at-Large
Larry Walker, Perry	State-at-Large
Don L. Waters, Savannah	1st District
Doreen Stiles Poitevint, Bainbridge	2nd District
C. Thomas Hopkins, Jr. MD, Griffin	3rd District
C. Dean Alford, Conyers	4th District
Larry R. Ellis, Atlanta	5th District
Kessel Stelling, Jr., Columbus	6th District
Richard L. Tucker, Duluth	7th District
Rutledge A. Griffin, Jr., Valdosta	8th District
Philip A. Wilheit, Sr., Gainesville	9th District
Benjamin J. Tarbutton, III, Sandersville	10th District
Neil L. Pruitt, Jr., Norcross	11th District
Lori Durden, Statesboro	12th District
Sachin Shailendra, Atlanta	13th District
E. Scott Smith, Ringgold	14th District

Officers and Administrative Staff

Neil L. Pruitt, Jr., Chair

Kessel Stelling, Jr., Vice Chair

Hank M. Huckaby, Chancellor

Sabrina Thompson, Executive Assistant to the Chancellor

Charles Sutlive, Vice Chancellor, Communications

John Fuchko, III, Chief Audit Officer & Associate Vice Chancellor

Houston Davis, Executive Vice Chancellor & Chief Academic Officer

Joyce A. Jones, Vice Chancellor, Student Affairs

Mark Lytle, Vice Chancellor, Economic Development

Marci M. Middleton, Assistant Vice Chancellor, Academic Programs

Linda M. Noble, Vice Chancellor, Academic Affairs

Ben Robinson, Executive Director

Michael S. Rogers, Assistant Vice Chancellor, Faculty Development

Christopher M. Davidson, Director, Georgia Archives

Robert Anderson, Vice Chancellor, Educational Access and Success

Felita Williams, Assistant Vice Chancellor, Academic Planning

Julie Walker, State Librarian, Georgia Public Library Service

Cecil Staton, Vice Chancellor, Extended Education

Merrill S. Penson, Executive Director, Library Services

Steve Wrigley, Executive Vice Chancellor of Administration

Shelley C. Nickel, Associate Vice Chancellor, Planning & Implementation

John E. Brown, Vice Chancellor, Fiscal Affairs

Curtis A. Carver, Jr., Vice Chancellor & Chief Information Officer

Jim James, Vice Chancellor, Facilities

Marion Fedrick, Vice Chancellor, Human Resources

Thomas E. Daniel, Senior Vice Chancellor, Office of External Affairs

Christina Hobbs, Business Development Manager

Amanda D. Seals, Associate Vice Chancellor, Government Relations

Georgia State University Administration

Mark P. Becker, Ph.D., President

Risa I. Palm, Ph.D., Senior Vice President for Academic Affairs & Provost

Jerry J. Rackliffe, J.D., Senior Vice President for Finance and Administration

Walter T. Massey, Jr., B.S., Vice President for Development

Timothy M. Renick, Ph.D., Vice President for Enrollment Management and Student Success & Vice Provost

Donald A. Hale, B.S., Vice President for Public Relations and Marketing Communications

James A. Weyhenmeyer, Ph.D., Vice President for Research and Economic Development

Douglass F. Covey, Ph.D., Vice President for Student Affairs

Mary Beth Walker, Ph.D., Dean, Andrew Young School of Policy Studies

William J. Long, Ph.D., Dean, College of Arts and Sciences

Richard D. Phillips, Ph.D., Dean, J. Mack Robinson College of Business

Paul A. Alberto, Ph.D., Dean, College of Education

Steven J. Kaminshine, J.D., Dean, College of Law

Andrew J. Butler, Ph.D., Interim Dean, Byrdine F. Lewis School of Nursing and Health Professions

Michael P. Eriksen, Ph.D., Dean, School of Public Health

Larry S. Berman, Ph.D., Dean, Honors College

Tammy S. Sugarman, M.S., Interim Dean, Libraries

Lynda Brown-Wright, Ph.D., Associate Provost for Faculty Affairs

Peter Lyons, Ph.D., Associate Provost for Institutional Effectiveness

Jun Liu, Ph.D., Associate Provost for International Initiatives

Robert D. Morris, Ph.D., Associate Provost for Strategic Initiatives and Innovation

Edgar C. Torbert, Ph.D., Assistant Provost for Administrative Operations

Christina Million, M.S., Associate Vice President, Alumni Association

John D. Clark, M.A., Associate Vice President for Central Development

David J. Fraboni, B.S., Associate Vice President for Constituent Programs

Charlotte P. Parks, M.A., Associate Vice President for Development Resources

Ramesh Vakamudi, M.A., Associate Vice President for Facilities

Elizabeth R. Jones, Ph.D., Associate Vice President for Finance

Dale J. Palmer, B.A., Associate Vice President for Finance and Operations, GSU Foundation

Dennis Rose, M.B.A., Associate Vice President for Information Systems and Technology & Chief Technology Officer

Brenda J. Chapman, Ph.D., Associate Vice President for Research Integrity

Rebecca Y. Stout, Ph.D., Associate Vice President for Student Affairs

Connie B. Sampson, M.S., Associate Vice President & Chief of Police

Wayne E. Reed, M.S.M., Assistant Vice President for Auxiliary and Support Services

Andrea J. Thornton, B.S., Assistant Vice President for Communications

Bruce R. Spratt, B.S., C.P.A., Assistant Vice President for Finance & Comptroller

Linda J. Nelson, M.S., Assistant Vice President for Opportunity Development and Diversity Education Planning & Assistant Vice President for Human Resources

Darryl B. Holloman, Ph,D., Assistant Vice President for Student Affairs & Dean of Students

Allison Calhoun-Brown, Ph.D., Assistant Vice President for Student Retention

Scott M. Burke, M.Ed., Assistant Vice President for Undergraduate Admissions

Kerry L. Heyward, J.D., University Attorney

Louis B. Scott, B.S., Director of Student Financial Aid

Jill S. Lee-Barber, Ph.D., Director of Psychological and Health Services

Carol O. Cohen, M.S.Ed., Director of the University Advisement Center

Charles G. Cobb, M.S.A., Director of Intercollegiate Athletics

Shari Piotrowski Schwartz, M.S., Registrar

Mailing addresses for university administrators are available at https://auxweb.gsu.edu/pobox.

Faculty

Andrew Young School of Policy Studies Faculty

Azuri, Maria Soledad, M.S. (Columbia University in the City of New York), Visiting Instructor of Social Work

Bahl, Roy W., Jr., Ph.D. (University of Kentucky), Dean and Regents' Professor Emeritus of Economics

Banzhaf, H. Spencer, Ph.D. (Duke University), Professor of Economics

Beck, Elizabeth L., Ph.D. (University of Pittsburgh), Professor of Social Work

Blackwell, Brenda Sims, Ph.D. (University of Oklahoma), Associate Professor of Criminal Justice and Criminology

Bourdeaux, Carolyn, Ph.D. (Syracuse University), Associate Professor of Public Management and Policy and Associate Director of the Fiscal Research Center

Brezina, Timothy J., Ph.D. (Emory University), Associate Professor of Criminal Justice and Criminology

Brooks, Fred P., III, Ph.D. (University of Georgia), Associate Professor of Social Work

Camp, Damon Davis, Ph.D. (Claremont Graduate University), Associate Professor Emeritus of Criminal Justice and Criminology

Capers, K. Juree, Ph.D. (Texas A&M University), Assistant Professor of Public Management and Policy

Collins, Sue Carter, Ph.D. (Florida State University), Associate Professor of Criminal Justice and Criminology

Courtemanche, Charles, Ph.D. (Washington University in St. Louis), Assistant Professor of Economics

Cox, James C., Ph.D. (Harvard University), Professor of Economics, Director of the Experimental Economics Center and Holder of the Noah Langdale, Jr. Eminent Scholar and the Georgia Research Alliance Eminent Scholar Chair

Cummings, Ronald G., Ph.D. (University of Kansas), Professor Emeritus of Economics

Cunningham, Christopher R., Ph.D. (Syracuse University), Adjunct Associate Professor of Economics

Cyan, Musharraf Rasool, Ph.D. (Georgia State University), Visiting Research Assistant Professor of Economics

Dabney, Dean A., Ph.D. (University of Florida), Interim Chair and Associate Professor of Criminal Justice and Criminology

Daigle, Leah, Ph.D. (University of Cincinnati), Associate Professor of Criminal Justice and Criminology

Dear, Renanda Wood, M.S.W. (University of Georgia), Senior Academic Professional of Social Work

Esnard, Ann-Margaret, Ph.D. (University of Massachusetts at Amherst), Professor of Public Management and Policy

Farnham, Paul G., Ph.D. (University of California, Berkeley), Associate Professor Emeritus of Economics

Feltenstein, Andrew, Ph.D. (Yale University), Professor of Economics

Ferraro, Paul J., Ph.D. (Cornell University), Professor of Economics

Finn, Mary A., Ph.D. (The State University of New York at Albany), Professor of Criminal Justice and Criminology

Forge, Nicholas, Ph.D. (Fordham University, New York City), Clinical Assistant Professor of Social Work

Friedmann, Robert R., Ph.D. (University of Minnesota), Professor Emeritus of Criminal Justice and

Criminology and Director of the Georgia International Law Enforcement Exchange (GILEE) Program

Frost, Shelby, Ph.D. (University of Colorado, Boulder), Clinical Associate Professor of Economics

Gibson, John David, Ph.D. (Florida State University), Assistant Professor of Economics

Glass, Amy, Ph.D. (Brandeis University), Visiting Academic Professional of Social Work

Gurmu, Shiferaw, Ph.D. (Indiana University), Professor of Economics

Hacker, Joseph F., Ph.D. (University of Pennsylvania), Clinical Assistant Professor of Public Management and Policy and Director of the Undergraduate Program

Hansen, Carol D., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor Emerita of Public Management and Policy and Member of the W. T. Beebe Institute of Personnel and Employment Relations

Hartinger-Saunders, Robin, Ph.D. (The State University of New York at Buffalo), Assistant Professor of Social Work

Heaghney, Jr., Kenneth, Ph.D. (Rice University), Research Professor of Economics

Hildreth, W. Bartley, Ph.D. (University of Georgia), Professor of Public Management and Policy

Hinkle, Joshua, Ph.D. (University of Maryland), Assistant Professor of Criminal Justice and Criminology

Hirsch, Barry, Ph.D. (University of Virginia), Professor of Economics and W. J. Usery, Jr. Chair of the American Workplace

Hotchkiss, Julie L., Ph.D. (Cornell University), Adjunct Professor of Economics

Ivery, Jan, Ph.D. (Virginia Commonwealth University), Associate Professor of Social Work

Jacques, Scott Thomas, Ph.D. (University of Missouri, St. Louis), Assistant Professor of Criminal Justice and Criminology

Johnson, Cyntoria, J.D. (Florida Coastal School of Law), Clinical Instructor of Criminal Justice and Criminology

Kahnweiler, William M., Ph.D. (Florida State University), Associate Professor of Public Management and Policy and Member of the W. T. Beebe Institute of Personnel and Employment Relations

Kaufman, Bruce E., Ph.D. (University of Wisconsin), Professor of Economics

Kerlin, Janelle A., Ph.D. (Syracuse University), Associate Professor of Public Management and Policy

Klausner, Debra, M.S.W. (University of Georgia), Visiting Clinical Instructor of Social Work

Kropf, Nancy P., Ph.D. (Virginia Commonwealth University), Associate Dean of the Andrew Young School of Policy Studies and Professor of Social Work

Laury, Susan K., Ph.D. (Indiana University), Associate Professor of Economics

Lecy, Jesse Daniel, Ph.D. (Syracuse University), Assistant Professor of Public Management and Policy

Lewinson, Terri, Ph.D. (University of Georgia), Assistant Professor of Social Work

Lewis, Gregory, Ph.D. (Syracuse University), Chair and Professor of Public Management and Policy

Liddie-Hamilton, Bernice W., D.S.W. (Fordham University), Clinical Associate Professor of Social Work and Director of Field Education

Ligon, Jan H., Ph.D. (University of Georgia), Associate Professor of Social Work

Littrell, Jill, Ph.D. (Arizona State University), Associate Professor of Social Work

Liu, Cathy Yang, Ph.D. (University of Southern California), Assistant Professor of Public Management and Policy

Luger, Richard P., Ph.D. (Universite de Montreal), Associate Professor of Risk Management Insurance and Economics

Lyons, Peter, Ph.D. (The State University of New York at Buffalo), Professor of Social Work and Associate Provost for Institutional Effectiveness

Mangum, Kyle Douglas, Ph.D. (Duke University), Assistant Professor of Economics

Manns, Edith Kelley, Ed.D. (University of Virginia, Charlottesville), Associate Professor Emerita of Public Management and Policy

Mansfield, Jon L., Ph.D. (Georgia State University), Clinical Associate Professor of Economics

Martin, James Francis, LL.M. (University of Georgia), Visiting Instructor of Public Management and Policy

Martinez-Vazquez, Jorge L., Ph.D. (Washington University), Regents' Professor of Economics and Director of the International Center for Public Policy

Marton, James, Ph.D. (Washington University), Associate Professor of Economics

McEntire, Ranee Joy, Ph.D. (Florida State University), Visiting Instructor of Criminal Justice and Criminology

Mescon, Michael H., Ph.D. (New York University), Dean Emeritus of the Andrew Young School of Policy Studies and Regents' Professor Emeritus of Economics

Minyard, Karen J., Ph.D. (Georgia State University), Director of the Georgia Health Policy Center and Research Associate Professor of Public Management and Policy

Moore, Robert E., Ph.D. (Cornell University), Associate Professor of Economics

Newman, Harvey K., Ph.D. (Emory University), Professor Emeritus of Public Management and Policy

Nguimkeu, Nguedia Pierre, Ph.D. (Simon Fraser University), Assistant Professor of Economics

Nigro, Lloyd G., Ph.D. (University of Southern California), Professor Emeritus of Public Management and Policy

Noonan, Douglas S., Ph.D. (The University of Chicago), Adjunct Associate Professor of Economics

O, Grace, Ph.D. (University of Kansas), Clinical Assistant Professor of Economics

Ohmer, Mary, Ph.D. (University of Pittsburgh), Associate Professor of Social Work

O'Kane, John, M.S.W. (Washington University at St. Louis), Visiting Professor of Practice of Public Management and Policy

Overton, Angela L., M.S.C.J. (The University of Tennessee at Chattanooga), Clinical Assistant Professor of Criminal Justice and Criminology

Parko, Jr., Joseph Edward, M.B.A. (Georgia State University), Assistant Professor Emeritus of Public Management and Policy

Patrick, Carlianne, Ph.D. (The Ohio State University), Assistant Professor of Economics

Patton, Carl V., Ph.D. (University of California, Berkeley), President Emeritus of Georgia State University, Professor of Public Management and Policy and Professor of Geosciences

Poister, Theodore H., Ph.D. (Syracuse University), Professor of Public Management and Policy

Price, Michael K., Ph.D. (University of Maryland at College Park), Associate Professor of Economics

Pridemore, William Alex, Ph.D. (State University of New York at Albany), Distinguished University Professor of Criminal Justice and Criminology

Ratajczak, Donald, Ph.D. (Massachusetts Institute of Technology), Regents' Professor Emeritus of Economics

Ray, Barbara Jean, Ph.D. (Emory University), Associate Professor Emerita of Public Management and Policy

Reed, Mark D., Ph.D. (The State University of New York at Albany), Associate Professor of Criminal Justice and Criminology

Resiandini, Pramesti, Ph.D. (Auburn University), Visiting Assistant Professor of Economics

Rider, Mark, Ph.D. (Georgia State University), Associate Professor of Economics

Rioja, Felix K., Ph.D. (Arizona State University), Associate Professor of Economics

Roch, Christine H., Ph.D. (The State University of New York at Stony Brook), Associate Professor of Public Management and Policy and Director of Ph.D. Programs in Public Policy

Ross, II, Glenwood, Ph.D. (Georgia State University), Clinical Associate Professor of Economics

Rushing, Francis W., Ph.D. (University of North Carolina, Chapel Hill), Professor Emeritus of Economics

Rutstrom, Elisabet Eva Harrison, Ph.D. (Stockholm School of Economics), Professor of the J. Mack Robinson College of Business and the Department of Economics in the Andrew Young School of Policy Studies

Sadiraj, Vjollca, Ph.D. (University of Amsterdam), Associate Professor of Economics

Saposnik, Rubin, Ph.D. (University of Minnesota, Twin Cities), Professor Emeritus of Economics

Sass, Tim R., Ph.D. (University of Washington), Distinguished University Professor of Economics

Scott, Jr., Lionel D., Ph.D. (The Ohio State University), Associate Professor of Social Work

Seaman, Bruce A., Ph.D. (University of Chicago), Associate Professor of Economics

Searcy, Cynthia, Ph.D. (Syracuse University), Assistant Dean for Academic Programs of the Andrew Young School of Policy Studies and Clinical Assistant Professor of Public Management and Policy

Seelman, Kristie L., M.S.W. (University of Denver), Assistant Professor of Social Work

Shapiro, Michael Bruce, J.D. (Emory University), Clinical Instructor of Criminal Justice and Criminology

Sjoquist, David L., Ph.D. (University of Minnesota), Professor of Economics, Director of the Domestic Studies Programs, and Dan E. Sweat Distinguished Scholar Chair in Educational and Community Policy

Skogstad, Samuel M., Ph.D. (Washington University in St. Louis), Professor Emeritus of Economics

Smith, Carol H., M.S.W. (Valdosta State University), Academic Professional of Social Work

Snyder, Angela Bauer, Ph.D. (Yale University), Research Assistant Professor of Public Management and Policy

Stephan, Paula Elizabeth, Ph.D. (University of Michigan), Professor Emerita of Economics

Streib, Gregory, Ph.D. (Northern Illinois University), Professor of Public Management and Policy and

Political Science and Director of the Public Performance and Management Group

Swarthout, J. Todd, Ph.D. (University of Arizona), Academic Professional of Economics

Tchernis, Rusty, Ph.D. (Brown University), Associate Professor of Economics

Teasdale, Brent, Ph.D. (Pennsylvania State University), Associate Professor of Criminal Justice and Criminology

Tekin, Erdal, Ph.D. (University of North Carolina, Chapel Hill), Professor of Economics

Thomas, John Clayton, Ph.D. (Northwestern University), Professor of Public Management and Policy and Political Science and Director of the Master's Programs

Timofeev, Andrey, Ph.D. (Charles University in Prague), Research Assistant Professor of Economics

Tolan, Maggie, Ed.D. (Northern Arizona University), Director of Graduate Career Services and Student Life of the Andrew Young School of Policy Studies and Academic Professional of Public Management and Policy

Topalli, Volkan, Ph.D. (Tulane University), Associate Professor of Criminal Justice and Criminology

Valev, Neven, Ph.D. (Purdue University), Adjunct Associate Professor of Economics

Walker, Mary Beth, Ph.D. (Rice University), Dean of the Andrew Young School of Policy Studies and Professor of Economics

Wallace, Sally, Ph.D. (Syracuse University), Chair and Professor of Economics and Interim Director of the Fiscal Research Center

Warner, Barbara D., Ph.D. (The State University of New York at Albany), Professor of Criminal Justice and Criminology

Watkins, Karen Y., Ph.D. (University of Georgia), Clinical Assistant Professor of Social Work

Watson, Cory David, M.A. (University of Georgia), Adjunct Instructor of Public Management and Policy

Waugh, Jr., William Lee, Ph.D. (University of Mississippi), Professor Emeritus of Public Management and Policy

Wertheimer, Mindy R., Ph.D. (Georgia State University) Interim Director and Clinical Professor of Social Work

Whitley, Deborah M., Ph.D. (University of Pittsburgh), Associate Professor of Social Work

Willis, Verna, Ph.D. (The State University of New York at Buffalo), Associate Professor Emerita of Public Management and Policy

Willoughby, Katherine G., Ph.D. (University of Georgia), Professor of Public Management and Policy

Wolk, James L., D.S.W. (Tulane University), Professor Emeritus of Social Work

Wright, Bradley E., Ph.D. (The State University of New York at Albany), Associate Professor of Public Management and Policy

Xu, Yongsheng, Ph.D. (Tulane University), Professor of Economics

Young, Dennis, Ph.D. (Stanford University), Professor of Public Management and Policy

Yu, Shaohua, M.A. (The State University of New York at Albany), Clinical Instructor of Criminal Justice and Criminology

College of Arts and Sciences Faculty

Abate, Yohannes, Ph.D. (University of Iowa), Assistant Professor of Physics and Astronomy

Acheson-Clair, Kris, Ph.D. (Arizona State University), Lecturer of Applied Linguistics and English as a Second Language

Acosta, Katie, Ph.D. (University of Connecticut, Storrs), Assistant Professor of Sociology

Ainsworth, James, Ph.D. (Ohio State University), Associate Professor of Sociology

Akbas, Erol, Ph.D. (University of Illinois at Chicago), Senior Lecturer of Mathematics and Statistics

Akinyela, Makungu, Ph.D. (Emory University), Associate Professor

Albers, H. Elliott, Ph.D. (Tulane University), Regents' Professor of Neuroscience, Biology, and Psychology, and Director of the Center for Behavioral Neurosciences

Albo, Francisco J., Ph.D. (City College of New York), Senior Lecturer of the School of Music

Alexander, Margo, Ph.D. (Georgia State University), Senior Lecturer of Mathematics and Statistics

Ali, Mohammed Hassan, Ph.D. (University of London), Associate Professor of History

Allison, Stuart A., Ph.D. (University of Washington), Professor of Chemistry

Altman, Andrew, Ph.D. (Columbia University), Distinguished University Professor of Philosophy and Research Director of the Jean Beer Blumenfeld Center for Ethics

Ambrose, Robert J., D.M. (Northwestern University), Professor of Music

Anderson, H. Stan, M.F.A. (Miami University), Associate Professor of Art and Design

Anderson, Page L., Ph.D. (University of Georgia), Associate Professor of Psychology

Aneja, Ritu, Ph.D. (University of Delhi), Professor of Biology

Angryk, Rafal, Ph.D. (Tulane University), Associate Professor of Computer Science

Apalkov, Vadym M., Ph.D. (University of Utah), Associate Professor of Physics and Astronomy

Arav, Marina, Ph.D. (Technion-Israel Institute of Technology), Associate Professor of Mathematics and Statistics

Armistead, Lisa, Ph.D. (University of Georgia), Distinguished University Professor of Psychology and Interim Associate Provost for Graduate Programs

Arsenault, Amelia, Ph.D. (University of Southern California), Assistant Professor of Communication

Armstrong, David, M.A. (University of Texas-Arlington), Lecturer of Communication

Atkinson, Nathan, Ph.D. (Carnegie Mellon), Assistant Professor of Communication

Attanasio, Roberta, D.Res. (University of Rome), Associate Professor of Biology

Avart, Christian, Ph.D. (Emory University), Senior Lecturer of Mathematics and Statistics

Babaie, Hassan A., Ph.D. (Northwestern University), Associate Professor of Geosciences and Computer Science

Baker, H. Robert, Ph.D. (University of California, Los Angeles), Associate Professor of History

Baker, Jan, D.M. (Northwestern University), Assistant Professor of Music

Ball, Mary, Ph.D. (Georgia State University), Associate Research Professor of Gerontology

Barker, Jennifer, Ph.D. (University of California at Los Angeles), Associate Professor of Communication

Baro, Deborah, Ph.D. (University of Illinois), Professor of Biology and Neuroscience

Baron, Fabien, Ph.D. (University of Paris), Assistant Professor of Physics and Astronomy

Barthlow, Douglas, Ph.D. (University of Georgia), Senior Lecturer of Communication

Bartness, Timothy J., Ph.D. (University of Florida), Regents' Professor of Biology, Psychology, and Neuroscience

Barzegar, Abbas, Ph.D. (Emory University), Assistant Professor of Religious Studies

Bascomb, Lia, Ph.D. (University of California, Berkeley), Assistant Professor of African-American Studies

Bassett, Molly, Ph.D. (University of California), Assistant Professor of Religious Studies

Baumstark, Alfons L., Ph.D. (Harvard University), Professor of Chemistry

Baumstark, Barbara R., Ph.D. (Massachusetts Institute of Technology), Professor of Biology

Baunach, Dawn, Ph.D. (University of Virginia), Associate Professor and Interim Chair of the Department of Sociology

Becker, Mark P., Ph.D. (Pennsylvania State University), Professor of Mathematics and Statistics and President

Beirne, Mark, M.D. (St. Louis University School of Medicine), Lecturer of Biology

Belcher, Diane D., Ph.D. (Ohio State University), Professor and Chair of the Department of Applied Linguistics and English as a Second Language

Belkasim, Saeid, Ph.D. (University of Windsor), Associate Professor of Computer Science and Neuroscience

Bell, David M., Ph.D. (Emory University), Senior Lecturer of Religious Studies

Bellon, Joseph, Ph.D. (University of Georgia), Senior Lecturer of Communication

Belykh, Igor, Ph.D. (University of Nizhny Novgorod, Russia), Associate Professor of Mathematics and Statistics and Neuroscience

Benson, Charlie Garnett, Ph.D. (Emory University), Assistant Professor of Biology

Bentz, Misty, Ph.D. (Ohio State University), Assistant Professor of Physics and Astronomy

Berman, Larry, Ph.D. (Princeton University), Professor of Political Science and Dean of the Honors College

Bermudez, Maria Elena, Ph.D. (University of Georgia), Senior Lecturer of World Languages and Cultures

Berry, Jessica N., Ph.D. (University of Texas, Austin), Associate Professor of Philosophy

Besalyan, Raffi, D.M.A. (Yerevan Komitas State Conservatory), Assistant Professor of Music

Bhola, Jaman, M.S. (Georgia State University), Instructor of Computer Science

Biltoft, Carolyn, Ph.D. (Princeton University), Assistant Professor of History

Black, Michael, Ph.D. (Georgia State University), Lecturer of Neuroscience

Black, Steven. Ph.D. (University of California, Los Angeles), Assistant Professor of Anthropology

Blaustein, David, Ph.D. (Georgia State University), Senior Academic Professional of Biology

Bloom, Emily. Ph.D. (University of Texas, Austin), Assistant Professor of English

Blumi, Isa, Ph.D. (New York University), Associate Professor of History

Bolia, Ly, M.F.A. (New York University), Associate Professor of Communication

Bolsen, Toby, Ph.D. (Northwestern University), Assistant Professor of Political Science

Bondarenko, Vladimir, Ph.D. (M. V. Lomonsov Moscow State University), Associate Professor of Mathematics and Statistics

Bonnet, Solange S., Ph.D. (Columbia University), Senior Lecturer of World Languages and Cultures

Bonnette, Lakeyta, Ph.D. (Ohio State University), Assistant Professor of Political Science

Boortz, Jeffrey, M.F.A. (University of Southern California), Assistant Professor of Art and Design

Boozer, Jack S., Ph.D. (Emory University), Associate Professor of Communication

Borek, Lois, Ed.S. (Liberty University), Senior Lecturer of Biology

Bottoms, David, Ph.D. (Florida State University), Professor of English, and Amos Distinguished Chair in English Letters

Bourgeois, Anu, Ph.D. (Louisiana State University), Associate Professor of Computer Science

Branum-Martin, Lee, Ph.D. (University of Houston), Associate Professor of Psychology

Brattain, Michelle, Ph.D. (Rutgers State University), Associate Professor and Chair of the Department of History

Brazas, Jeremy, Ph.D. (University of New Hampshire), Lecturer of Mathematics and Statistics

Brewer, Matthew, Ph.D. (University of Wisconsin), Senior Academic Professional of Biology

Bricker, Meredith, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Brinton, Margo A., Ph.D. (University of Pennsylvania), Regets' Professor of Biology

Brooks, Jody, M.F.A. (Georgia State University), Senior Lecturer of English

Brooks, Josh, Ph.D. (Capella University), Professor of Military Science

Brosnan, Sarah F., Ph.D. (Emory University), Associate Professor of Psychology, Neuroscience, and

Philosophy

Brown, Chris, Ph.D. (University of Georgia), Lecturer of Political Science

Brown, Murray L., Ph.D. (University of Nebraska, Lincoln), Associate Professor of English

Bruner, Michael L., Ph.D. (University of Washington), Professor of Communication

Bunting, John, Ph.D. (Georgia State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Burgess, Elisabeth, Ph.D. (University of Southern California), Associate Professor of Sociology and Director of the Gerontology Institute

Burmester, Elizabeth T., Ph.D. (University of Illinois, Chicago), Associate Professor of English

Burns, Robert, Ph.D. (Georgia State University), Senior Lecturer of English

Burrison, John A., Ph.D. (University of Pennsylvania), Regents' Professor of English

Cai, Zhipeng, Ph.D. (University of Alberta), Assistant Professor of Computer Science

Caison, Gina, Ph.D. (University of California, Davis), Assistant Professor of English

Caldwell, Tanya, Ph.D. (University of Toronto), Professor of English

Calhoun-Brown, Allison, Ph.D. (Emory University), Associate Professor of Political Science and Assistant Vice President for Student Retention

Camacho, Alison, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Campbell, Ian, Ph.D. (Emory University), Assistant Professor of World Languages and Cultures

Cao, Xiajun, Ph.D. (State University of New York, Buffalo), Associate Professor of Computer Science

Caporino, Nicole, Ph.D. (University of South Florida), Assistant Professor of Psychology

Carey, Henry F., Ph.D. (Columbia University), Associate Professor of Political Science

Carlin, Ryan, Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Political Science

Carlisle, Joanna Katie, Ph.D. (University of Toronto), Associate Professor of Music

Carlson, Daniel L, Ph.D. (Ohio State University), Assistant Professor of Sociology

Carruth, Laura, Ph.D. (University of Colorado, Boulder), Associate Professor of Neuroscience and Biology

Carter, Marva, Ph.D. (University of Illinois at Urbana), Associate Professor of Music

Cash, Annette, Ph.D. (Ohio State University), Senior Lecturer of World Languages and Cultures

Cavusgil, Sharon, M.A. (Michigan State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Chan, Wing Yi, Ph.D. (University of Illinois), Assistant Professor of Psychology

Chapman, Rebekah, Ph.D. (University of Georgia), Lecturer of Biology

Chen, Guantao, Ph.D. (University of Memphis), Distinguished University Professor and Chair of the Department of Mathematics and Statistics

Chen, Yanyi, Ph.D. (Georgia State University), Academic Professional of Chemistry

Cheshier, David, Ph.D. (University of Iowa), Associate Professor and Director of the Creative Media Industries Institute

Chin, Kuk Jeong, Ph.D. (University of Konstanz), Associate Professor of Biology

Chou, Rosalind, Ph.D. (Texas A&M University), Assistant Professor of Sociology

Christie, Eddie, Ph.D. (West Virginia University), Associate Professor of English

Clarkson, Marsha G., Ph.D. (University of Florida), Associate Professor of Psychology

Clement, Richard, M.M. (Cincinnati-College Conservatory of Music), Assistant Professor of Music

Cleveland, Kimberly, Ph.D. (University of Iowa), Associate Professor of Art and Design

Cohen, Andrew I., Ph.D. (University of NC, Chapel Hill), Associate Professor of Philosophy and Director of the Jean Beer Blumenfeld Center for Ethics

Cohen, Andrew J., Ph.D. (Georgetown University), Associate Professor of Philosophy

Cohen, Lindsey L., Ph.D. (University of Georgia), Professor of Psychology

Cohen, Rachelle, J., Ph.D. (University of Georgia), Senior Lecturer of Psychology

Coleman, W. Dwight, M.M. (Northwestern University), Professor of Music

Collins, C. Brennan, Ph.D. (Georgia State University), Senior Academic Professional of English

Conner, Robin, Ph.D. (Emory University), Lecturer of History

Conway, Christopher, Ph.D. (Cornell University), Assistant Professor of Psychology

Combs, Joshua, M.S. (Eastern Kentucky University), Assistant Professor of Military Science

Cook, Sarah, Ph.D. (University of Virginia), Professor of Psychology and Associate Dean for the Honors College

Cooke, Bradley, Ph.D. (University of California), Assistant Professor of Neuroscience and Psychology

Cortes, Viviana, Ph.D. (Northern Arizona University), Associate Professor of Applied Linguistics and English as a Second Language

Cox, Daniel, Ph.D. (Duke University), Associate Professor of Neuroscience

Cox, Edward T., Ph.D. (University of Oklahoma), Senior Lecturer of Philosophy

Crenshaw, D. Michael, Ph.D. (Ohio State University), Professor and Chair of the Department of Physics and Astronomy

Crooks, Ryan, MA (Georgia Tech.), Assistant Professor of Art and Design

Crossley, Scott, Ph.D. (University of Memphis), Associate Professor of Applied Linguistics and English as a Second Language

Crow, Sidney A., Jr., Ph.D. (Louisiana State University), Professor of Biology, Director of the Center for Environmental Research

Cruz, Francisco, Ph.D. (Pennsylvania State University), Senior Academic Professional of Biology

Cui, Jainmei, Ph.D. (Chinese Academy of Medical Sciences), Academic Professional of Chemistry

Cummings, Alexander, Ph.D. (Columbia University), Assistant Professor of History

Cymbalyuk, Gennady, Ph.D. (Moscow State University, Russia), Associate Professor of Neuroscience and Physics and Astronomy

Dahl, Lara, D.M.A. (Arizona State University), Senior Lecturer of Music

Dai, Dajun, Ph.D. (Southern Illinois University), Assistant Professor of Geosciences and Public Health

Darnell, Kim, Ph.D. (Ohio State University), Senior Lecturer of Psychology

Darsey, James F., Ph.D. (University of Wisconsin, Madison), Associate Professor of Communication

Daugherty, Jean, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Davenport, Melanie G., Ph.D. (Indiana University), Associate Professor of Art and Design

Davidson, Denise, Ph.D. (University of Pennsylvania), Professor of History

Davis, Marni E., Ph.D. (Emory University), Associate Professor of History

Davis, Patricia, Ph.D. (University of California-San Diego), Assistant Professor of Communication

Davis, Sarita, Ph.D. (Cornell University), Associate Professor of African-American Studies

Davis, Tomeka, Ph.D. (Emory University), Assistant Professor of Sociology

De Vries, Geert, Ph.D. (University of Amsterdam), Professor and Director of the Neuroscience Institute

Decker, John R., Ph.D. (University of California, Santa Barbara), Associate Professor of Art and Design

Decoster, Clifford, B.S. (East Tennessee State University), Assistant Professor of Military Science

del Rio Parra, Elena, Ph.D. (Brown University), Professor of World Languages and Cultures

Delk-LeGood, Cheryl, M.A. (Michigan State University), Senior Lecturer of Applied Linguistics and English as a Second Language and Director of Intensive English Program

Demos, Nickitas, D.M.A. (Cleveland Institute of Music and Case Western Reserve University), Professor of Music

Denzel de Tirado, Heidi, Ph.D. (Saarlandes University), Assistant Professor of World Languages and Cultures

Deocampo, Daniel M., Ph.D. (Rutgers University), Associate Professor and Chair of Geosciences

Derby, Charles D., Ph.D. (Boston University), Regents' Professor of Neuroscience and Biology

Dhamala, Mukesh, Ph.D. (University of Kansas), Associate Professor of Physics and Astronomy and Neuroscience

Diem, Jeremy E., Ph.D. (University of Arizona, Tucson), Associate Professor of Geosciences

Dietz, Nikolaus, Ph.D. (Technical University Berlin), Professor of Physics and Astronomy

Dix, Richard D., Ph.D. (Baylor College of Medicine), Professor of Biology and Neuroscience

Dixon, Dabney W., Ph.D. (Massachusetts Institute of Technology), Professor of Chemistry

Dixon, Patricia, Ph.D. (Temple University), Associate Professor of African-American Studies

Dobranski, Stephen B., Ph.D. (University of Texas, Austin), Distinguished University Professor of English

Doluweera, Sumith, Ph.D. (University of Cincinnati), Lecturer of Physics and Astronomy

Dongoski, Craig, M.F.A. (University of South Dakota), Professor of Art and Design

Downs, William E., MA (Maryland Institute College), Lecturer of Art and Design

Drennen, Craig, M.F.A. (Ohio University), Assistant Professor of Art and Design

Duffield, John S., Ph.D. (Princeton University), Professor of Political Science

Dwyer, Sandra, Ph.D. (Emory University), Senior Lecturer of Philosophy

Eckert, Lindsey, Ph.D. (University of Toronto), Assistant Professor of English

Edmundson, William, Ph.D. (University of California-Berkeley), Regents' Professor of Law and Philosophy

Edwards, Donald H., Jr., Ph.D. (Yale University), Regents' Professor of Neuroscience, Biology, and Physics and Astronomy

Eichenbaum, Zehava, Ph.D. (Wiezmann Institute of Science, Rehovot, Israel), Associate Professor of Biology

Eilertson, Carmen, Ph.D. (North Dakota State University), Senior Lecturer of Biology

Elliott, W. Crawford, Ph.D. (Case Western Reserve University), Associate Professor of Geosciences

El-Mayas, Hanan, Ph.D. (University of East Anglia, England), Senior Lecturer of Biology

Enescu, Florian, Ph.D. (University of Michigan, Ann Arbor), Professor of Mathematics and Statistics

Esaki, Brett, Ph.D. (University of California- Santa Barbara), Assistant Professor of Religious Studies

Eskew, Glenn, Ph.D. (University of Georgia), Professor of History

Evans, John, Ph.D. (Georgia State University), Senior Lecturer of Physics and Astronomy

Evans, Michael, Ph.D. (University of Maryland), Assistant Professor of Political Science

Fanoe, Andrew, Ph.D. (Columbia University), Lecturer of Mathematics and Statistics

Farnell, Cynthia, M.F.A. (Rhode Island School of Design) Academic Professional of Art and Design

Faye, Ph.D. (Indiana University), Assistant Professor of World Languages and Cultures

Feit, Mario, Ph.D. (Johns Hopkins University), Associate Professor of Political Science

Fernández-L'Hoeste, Héctor, Ph.D. (State University of New York, Stony Brook), Professor of World Languages and Cultures and Director of the Center for Latin American and Latino/a Studies

Fernando, Nilmi, Ph.D. (Georgia State University), Lecturer of Chemistry

Finnegan, Steffan, Ph.D. (Georgia State University), Lecturer of Chemistry

Fix, Michael, Ph.D. (University of South Carolina), Assistant Professor of Political Science

Fletcher, Ian C., Ph.D. (Johns Hopkins University), Associate Professor of History

Flowers, Timothy R., M.F.A. (Rhode Island School of Design), Senior Lecturer of Art and Design

Floyd, Nancy, M.F.A. (California Institute of the Arts), Professor of Art and Design

Forger, Nancy, Ph.D. (University of XCalifornia, Berkeley), Professor of Neuroscience

Frackenpohl, David, M.M. (University of North Texas), Instructor of Music

Francis, Gladys, Ph.D. (Purdue University), Assistant Professor of World Languages and Cultures

Frank, Jill, M.F.A. (School of the Art Institute of Chicago), Lecturer of Art and Design

Franklin, Daniel P., Ph.D. (University of Texas, Austin), Associate Professor of Political Science

Frantz, Kyle, J., Ph.D. (University of Florida), Professor of Neuroscience and Biology

Freeman, Carroll, M.P.A. (Oklahoma City University), Associate Professor of Music

Freeman Pascal, Kay, M.P.A. (Oklahoma City University), Lecturer of Music

Freer, Patrick K., Ed.D. (Columbia University), Professor and Interim Director of the School of Music

Friedman, Edward, Ph.D. (Duke University), Associate Professor of Communication

Friginal, Eric, Ph.D. (Northern Arizona University), Associate Professor of Applied Linguistics and English as a Second Language

Frishkoff, Gwen, Ph.D. (University of Oregon), Assistant Professor of Psychology and Neuroscience

Fromherz, Allen., Ph.D. (University of St. Andrews), Associate Professor of History

Fujioka, Yuki, Ph.D. (Washington State University), Associate Professor of Communication

Fuller, Harcourt, Ph.D. (London School of Economics), Assistant Professor of History

Gabler-Hover, Janet, Ph.D. (Ohio State University), Professor of English

Gadda, Giovanni, Ph.D. (University of Milan, Milan, Italy), Distinguished University Professor of Chemistry

Gaillet, Lynée Lewis, Ph.D. (Texas Christian University), Professor of English

Gainty, Denis, Ph.D. (University of Pennsylvania), Assistant Professor of History

Galchinsky, Michael, Ph.D. (University of California, Berkeley), Professor of English

Galileas, Christos, D.M.A. (State University of New York at Stony Brook), Associate Professor of Music

Gallo, Sergio, D.M.A. (University of California, Santa Barbara), Associate Professor of Music

Gaffield, Julia, Ph.D. (Duke University), Assistant Professor of History

Garfin, Deborah, Ph.D. (University of Minnesota-Twin Cities), Senior Lecturer of Psychology

Garg, Pallavi, Ph.D. (Calcutta University), Assistant Research Professor of Biology

Garrett-Rucks, Paula, Ph.D. (University of Wisconsin, Madison), Assistant Professor of World Languages and Cultures

Gayles, Jonathan, Ph.D. (University of South Florida), Associate Professor of African-American Studies and Associate Dean for Undergraduate Learning

Gayman, Mathew, Ph.D. (Florida State University), Assistant Professor of Sociology

Gerber, Stuart, D.M.A. (University of Cincinnati), Associate Professor of Music

Germann, Markus W., Ph.D. (University of Calgary), Professor of Chemistry and Neuroscience

Gershon, Sarah, Ph.D. (Arizona State University), Associate Professor of Political Science

Gies, Douglas R., Ph.D. (University of Toronto), Regents' Professor of Physics and Astronomy

Gilbert, Eric, Ph.D. (University of California, Riverside), Associate Professor of Biology

Gilbert, Ralph, M.F.A. (University of California, Santa Barbara), Professor of Art and Design,

Gindhart, Maria P., Ph.D. (University of Pennsylvania), Associate Professor of Art and Design

Glover, Jeffrey B., Ph.D. (University of California, Riverside), Associate Professor of Anthropology

Gobron, Louise M., M.A. (Georgia State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Goode, Christopher, Ph.D. (University of Washington), Senior Lecturer of Psychology

Goodman, Audrey, Ph.D. (Columbia University), Professor of English

Goulette, Elizabeth, Ph.D. (State University of New York), Lecturer of World Languages and Cultures

Graham, George, Ph.D. (Brandeis University), Professor of Philosophy and Neuroscience

Grant, Kathryn B., Ph.D. (Columbia University), Professor of Chemistry

Greene, Oliver, Ph.D. (Florida State University), Associate Professor of Music

Grindstaff, Davin, Ph.D. (Pennsylvania State University), Senior Lecturer of Communication

Grinshpon, Mark, Ph.D. (Virginia Polytechnic Institute and State University), Senior Lecturer of Mathematics and Statistics

Grober, Matthew, Ph.D. (University of California, Los Angeles), Associate Professor of Biology and Neuroscience

Grubbs, Larry, Ph.D. (University of South Carolina, Columbia, South Carolina), Senior Lecturer of History

Grussendorf, Jeannie, Ph.D. (Bradford University, UK), Senior Lecturer of Political Science

Gu, Baotong, Ph.D. (Purdue University), Associate Professor of English and Director of the Confucius Institute

Guano, Emanuela, Ph.D. (University of Texas, Austin), Associate Professor of Anthropology

Gunhouse, W. Glenn, Ph.D. (John Hopkins University), Senior Lecturer of Art and Design

Gylys, Beth, Ph.D. (University of Cincinnati), Professor of English

Hall, Frank J., Ph.D. (North Carolina State University), Professor of Mathematics and Statistics

Hall, Jennifer, Ph.D. (Georgia State University), Senior Academic Professional of English

Hall-Godsey, Angela, Ph.D. (Georgia State University), Lecturer of English

Hamelberg, Donald, Ph.D. (Georgia State University), Associate Professor of Chemistry

Hankins, Katherine B., Ph.D. (University of Georgia), Associate Professor of Geosciences

Hankla, Charles, Ph.D. (Emory University), Associate Professor of Political Science

Harden, Donald, M.S. (Georgia State University), Instructor of Mathematics and Statistics

Harden, Jeremiah, Ph.D. (University of Tennessee), Lecturer of Chemistry

Harker, Michael, Ph.D. (Ohio State University), Assistant Professor of English

Harrison, Robert, Ph.D. (Yale University), Professor of Computer Science and Biology

Hartgrove, Mary Kathryn, M.M. (University of North Carolina, Greensboro), Associate Professor of Music

Hartley, Christie J., Ph.D. (University of Michigan), Associate Professor of Philosophy

Hartwig, Melinda, Ph.D. (New York University), Professor of Art and Design

Hastings, Gary, Ph.D. (Imperial College of Science and Technology), Associate Professor of Physics and Astronomy

Hawthorne, Timothy, Ph.D. (Ohio State University), Assistant Professor of Geosciences

Haydon, Geoffrey, D.M.A. (University of Texas-Austin), Professor of Music

Haynie, Stephanie, Ph.D. (Georgia Institute of Technology), Assistant Professor of Art and Design

He, Xiaochun, Ph.D. (University of Tennessee), Distinguished University Professor of Physics and Astronomy

Heath, R. Scott, Ph.D. (University of Michigan), Assistant Professor of English

Henary, Maged, Ph.D. (Georgia State University), Assistant Professor of Chemistry

Henrich, Christopher, Ph.D. (Yale University), Professor and Chair of the Department of Psychology

Henry, Louis, M.S. (University of Maryland), Instructor of Computer Science

Henry, Todd, Ph.D. (University of Arizona), Distinguished University Professor of Physics and Astronomy

Herb, Michael, Ph.D. (University of California, Los Angeles), Associate Professor of Political Science

Herman, Jonathan, Ph.D. (Harvard University), Associate Professor of Religious Studies

Hidalgo, Paulo, Ph.D. (Michigan State University), Lecturer of Geosciences

Hill, Rashon, Senior Military Science Instructor

Hilliard, Julia, Ph.D. (Baylor College of Medicine), Professor of Biology and Neuroscience, Eminent Scholar in Molecular Genetics, and Director of the Viral Immunology Center

Hirsh, James, Ph.D. (University of Washington), Professor of English

Ho, Chu-Ngi, Ph.D. (University of Washington), Lecturer of Chemistry

Hobson, Maurice, Ph.D. (University of Alabama), Assistant Professor of African-American Studies

Hocks, Mary E., Ph.D. (University of Illinois, Urbana-Champaign), Associate Professor of English

Hoffner, Cynthia, Ph.D. (University of Wisconsin-Madison), Professor of Communication

Holman, John, Ph.D. (University of Southern Mississippi), Professor of English

Holmes, Ashley, Ph.D. (University of Arizona), Assistant Professor of English

Holmes, Shirlene, Ph.D. (Southern Illinois University), Associate Professor of Communication

Hopkins, William, Ph.D. (Georgia State University), Professor of Neuroscience

Houghton, John E., Ph.D. (Texas A&M University), Associate Professor of Biology

Howard, Robert M., Ph.D. (State University of New York, Stony Brook), Professor of Political Science

Hsieh, Kevin, Ph.D. (Pennsylvania State University), Associate Professor of Art and Design

Hu, Xiaoling, Ph.D. (University of Arizona), Associate Professor of Computer Science

Huang, Zhen, Ph.D. (Swiss Federal Institute of Technology, Switzerland), Professor of Chemistry

Huff, Robin Y., Ph.D. (Emory University), Senior Lecturer of World Languages and Cultures

Huhman, Kim, Ph.D. (University of Georgia), Distinguished University Professor of Neuroscience and Psychology

Ivanov, Ivaylo, Ph.D. (The Scripps Research Institute), Assistant Professor of Chemistry

Jacobson, Stephen, Ph.D. (University of Michigan, Ann Arbor), Senior Lecturer of Philosophy

Jarmakani, Amira J., Ph.D. (Emory University), Associate Professor and Director of the Institute for Women's, Gender, and Sexuality Studies

Jiang, Chun, Ph.D. (Shanghai Brain Research Institute), Professor of Biology and Neuroscience

Jiang, Yi, Ph.D. (University of Notre Dame), Associate Professor of Mathematics and Statistics

Johnson, Casonya, Ph.D. (Johns Hopkins University), Associate Professor of Biology

Jones, Jessica, M.F.A. (East Tennessee State University), Assistant Professor of Art and Design

Jones, Steve, M.S. (Boston University), Instructor of Music

Joseph, Deanna, D.M.A. (Eastman School of Music), Assistant Professor of Music

Joseph, Sheri L., Ph.D. (University of Georgia), Professor of English

Kabengi, Nadine, Ph.D. (University of Florida), Assistant Professor of Geosciences and Chemistry

Kail, Benjamin L., Ph.D. (Florida State University), Assistant Professor of Sociology

Kartochian, Sophie, Ph.D. (Université Paris 1, Pantheón-Sorbonne)), Lecturer of World Languages and Cultures

Katz, Paul, Ph.D. (Cornell University), Distinguished University Professor of Neuroscience and Biology and Director of the Center for Neuromics

Kaur, Parjit, Ph.D. (Panjab University, India), Professor of Biology

Keatley, Richard E., Ph.D. (Yale University), Assistant Professor of World Languages and Cultures

Kegley, Sarah, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Kemp, Candace, Ph.D. (McMaster University), Associate Professor of Gerontology

Kennedy, G. Davon, Ph.D. (Emory University), Associate Professor of Chemistry

Kiage, Lawrence M., Ph.D. (Louisiana State University), Associate Professor of Geosciences

Kim, Gyewon, Ph.D. (McGill University), Assistant Professor of Art and Design

Kim, Jung, Ph.D. (Georgia State University), Senior Lecturer of Sociology

Kim, YouJin, Ph.D. (Northern Arizona University), Assistant Professor of Applied Linguistics and English as a Second Language

King, Tiffany, Ph.D. (University of Maryland, College Park), Assistant Professor of Women's, Gender, and Sexuality Studies

King, Tricia Zawacki, Ph.D. (University of Florida), Associate Professor of Psychology and Neuroscience

Kleider-Offutt, Heather M., Ph.D. (Arizona State University), Associate Professor of Psychology and Neuroscience

Kocela, Christopher P., Ph.D. (McGill University), Associate Professor of English

Konrad, Miriam, Ph.D. (Georgia State University), Senior Lecturer of Sociology

Kozaitis, Kathryn A., Ph.D. (University of Michigan, Ann Arbor), Associate Professor and Chair of the Department of Anthropology

Kozhanov, Alexander, Ph.D. (Moscow State University), Assistant Professor of Physics and Astronomy

Kubala, Juliana, Ph.D. (Emory University), Senior Lecturer of Women's, Gender, and Sexuality Studies

Kuhn, Clifford M., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of History

Kuperminc, Gabriel, Ph.D. (University of Virginia), Professor of Psychology

Kuzio de Naray, Rachel, Ph.D. (University of Maryland), Assistant Professor of Physics and Astronomy

Lamoreaux, Marika, Ph.D. (University of Delaware), Senior Lecturer of Psychology

Laroui, Hamed, Ph.D. (University Henri Poincare of Nancy), Assistant Professor of Chemistry

Larsson, L. Margareta, M.S. (Georgia State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Latif, Nadia, Ph.D. (Columbia University), Assistant Professor of Religious Studies

Latzman, Robert, Ph.D. (University of Iowa), Assistant Professor of Psychology

Laub, Richard, M.P. (University of Virginia), Senior Lecturer of History and Director of the Heritage Preservation Program

Lazarus, Jeffrey, L., Ph.D. (University of California, San Diego), Associate Professor of Political Science

Le Calvez, Eric J., Ph.D. (University of Paris, III), Professor of World Languages and Cultures

LeCroix, Brian, Ph.D. (University of Tennessee- Knoxville), Lecturer of Chemistry

Lemieux, Anthony, Ph.D. (University of Connecticut), Associate Professor of Communication

Lepine, Sebastien, Ph.D. (University of Montreal), Associate Professor of Physics and Astronomy

Li, Hongmei, Ph.D. (University of Southern California), Assistant Professor of Communication

Li, Shuai, Ph.D. (Carnegie Mellon University), Associate Professor of World Languages and Cultures

Li, Yingshu, Ph.D. (University of Minnesota-Twin Cities), Associate Professor of Computer Science

Li, Zhongshan, Ph.D. (North Carolina State University), Professor of Mathematics and Statistics

Lifshey, Hollie, M.M. (University of Cincinnati), Professor of Music

Lightsey, Scott, Ph.D. (University of Delaware), Associate Professor of English

Lim, Jae Hyang, Ph.D. (Chonnam National University), Assistant Professor of Biology

Lindeman, Stephanie, Ph.D. (University of Michigan, Ann Arbor), Associate Professor of Applied Linguistics and English as a Second Language

Lindsay, Peter, Ph.D. (University of Toronto), Associate Professor of Political Science and Philosophy

Lisby, Gregory C., Ph.D. (University of Tennessee, Knoxville), Professor and Chair of the Department of Communication

Liu, Aimin, Ph.D. (Stockholm University), Professor of Chemistry

Liu, Jun, Ph.D. (Ohio State University), Professor of Applied Linguistics and English as a Second Language and Associate Provost for International Initiatives

Liu, Yuan, Ph.D. (University of South Alabama), Associate Professor of Biology

Liu, Zhi-Ren, Ph.D. (Florida State University), Professor of Biology

Livingston, Arletha, Ph.D. (Temple University), Assistant Professor of African-American Studies

Llorente, Raul, Ph.D. (Universidad de Valladolid)), Lecturer of World Languages and Cultures

Locke, Douglas, B.A. (The Citadel), Assistant Professor of Military Science

Long, Kenneth A., D.M.A. (State University of New York, Stony Brook), Associate Professor of Music

Long, William, Ph.D. (Columbia University), J.D. (Georgetown University), Professor of Political Science and Dean of the College of Arts and Sciences

Longobardi, Pam, M.F.A. (Montana State University), Distinguished University Professor of Art and Design

Lopanik, Nicole, Ph.D. (University of Delaware), Assistant Professor of Biology

Lopez, Elizabeth, Ph.D. (Purdue University), Associate Professor of English

Lou, Ming, Ph.D. (Purdue University), Professor of Chemistry

Lu, Chung-Dar, Ph.D. (Georgia State University), Professor of Biology

Malamud, Randy, Ph.D. (Columbia University), Regents' Professor and Chair of the Department of English

Mani, Ramesh G., Ph.D. (University of Maryland), Professor of Physics and Astronomy

Mann, William, D.M.A. (University of Texas), Assistant Professor of Music

Manning, Carrie, Ph.D. (University of California, Berkeley), Professor and Chair of the Department of

Political Science

Manson, Steven Trent, Ph.D. (Columbia University), Regents' Professor of Physics and Astronomy

Manzagol, Nilay, M.S. (Georgia State University), Senior Academic Professional of Mathematics and Statistics

Mariani, Victoria, Ph.D. (Georgia Institute of Technology), Lecturer of Chemistry

Marsh, Leslie, Ph.D. (University of Michigan), Associate Professor of World Languages and Cultures

Marshall, Amani, Ph.D. (Indiana University), Lecturer of History

Marshall, Daniel, M.F.A. (Georgia State University), Senior Lecturer of English

Marshall, Peter, D.M.A. (Yale University), Academic Professional in Music

Martens, Petrus, Ph.D. (Universiteit Utrecht), Professor of Physics and Astronomy

Masuda, Akihiko, Ph.D. (University of Nevada-Reno), Associate Professor of Psychology

Matthews, Scott, Ph.D. (University of Virginia), Lecturer of History

Maxwell Clements, Tania, B.A. (Royal Scottish Academy of Music and Drama), Senior Lecturer in Music

Maxwell, Robert A., Ph.D. (Georgia State University), Senior Academic Professional in Biology

Mazzotta, Mizuki, M.A. (McGill University), Instructor of World Languages and Cultures

McClymond, Kathryn, Ph.D. (University of California, Santa Barbara), Professor and Chair of the Department of Religious Studies

McCoy, Jennifer, Ph.D. (University of Minnesota), Distinguished University Professor of Political Science; Interim Director of the Global Studies Institute

McEdwards, Colleen, Ph.D. (Northcentral University), Lecturer of Communication

McFarland, Mark J., Ph.D. (University of California-Santa Barbara), Associate Professor of Music

McGimsey, Ben, Ph.D. (University of Florida), Lecturer of Physics and Astronomy

McHaney, Pearl, Ph.D. (Georgia State University), Associate Professor of English, Associate Dean for the Fine Arts, and Director of the Center for Collaborative and International Arts

McLeod, Melissa, Ph.D. (Georgia State University), Senior Lecturer of English

McMillian, John, Ph.D. (Columbia University), Assistant Professor of History

Meadows, Leslie, Ph.D. (Georgia State University), Academic Professional of Mathematics and Statistics

Méndez, Hugo, Ph.D. (University of Virginia), Associate Professor of World Languages and Cultures

Meyers, Marian J., Ph.D. (University of Iowa), Professor of Communication

Millbrandt, Melody, Ph.D. (Florida State University), Professor of Art and Design

Miller, Ben, Ph.D. (Emory University), Assistant Professor of English and Communication

Miller, Frank, Ph.D. (Ohio State University), Senior Lecturer of Communication

Miller, Randy, Ph.D. (University of Texas, Austin), Lecturer of Communication

Miller, Valerie A., Ph.D. (University of South Carolina, Columbia), Associate Professor of Mathematics and Statistics

Mingo, Chivon, Ph.D. (University of South Florida), Assistant Professor of Gerontology

Montiel, Mariana, Ph.D. (University of New Hampshire), Associate Professor of Mathematics and Statistics

Moore, Gregory, Ph.D. (University of Cambridge), Assistant Professor of History and Philosophy

Mooring, Suazette, Ph.D. (Georgia State University), Assistant Professor of Chemistry

Moreno, Oscar, Ph.D. (University of Southern California), Senior Lecturer of World Languages and Cultures

Morgan, Jennifer, Ph.D. (University of North Carolina, Chapel Hill), Assistant Professor of Gerontology

Morris, Jamae, Ph.D. (University of South Florida), Assistant Professor of African-American Studies

Morris, Robert D., Ph.D. (University of Florida), Regents' Professor of Psychology and Educational Psychology and Special Education and Associate Provost for Strategic Initiatives and Innovation

Moulson-Falewicz, Magdalena, M.A. (State College of Music, Warsaw), Senior Lecturer of Music

Moultrie, Monique, Ph.D. (Vanderbilt University), Assistant Professor of Religious Studies

Murphy, Anne Z., Ph.D. (University of Cincinnati), Associate Professor of Neuroscience and Biology

Murphy, John M., Ed.D. (Columbia University), Professor of Applied Linguistics and English as a Second Language

Mutanyatta-Comar, Joan, Ph.D. (University of Botswana/University of Wurzburg), Senior Lecturer of Chemistry

Nadri, Ghulam A., Ph.D. (Leiden University), Associate Professor of History

Nahmias, Edward, Ph.D. (Duke University), Professor of Philosophy and Neuroscience

Naim, S. Rashid, Ph.D. (University of Illinois at Urbana-Champaign), Senior Lecturer of Political Science

Navarro-Eisenstein, Angela, Ph.D. (Georgia State University), Senior Lecturer of Chemistry

Nelson, Gayle L., Ph.D. (University of Minnesota), Professor of Applied Linguistics and English as a Second Language and Coordinator for the College of Arts and Sciences International Programs

Nichols, William, Ph.D. (Michigan State University), Associate Professor and Chair of the Department of World Languages and Cultures

Noble, Mark, Ph.D. (Johns Hopkins University), Assistant Professor of English

Nogueira, Ricardo, Ph.D. (Louisiana State University), Lecturer of Geosciences

Norgaard, Martin, Ph.D. (University of Texas, Austin), Assistant Professor of Music

Norton, Laurah, M.F.A. (Georgia State University), Senior Lecturer of English

Nusnbaum, Matthew, Ph.D. (Georgia State University), Lecturer of Biology

Oakley, Deirdre, Ph.D. (University at Albany, State University of New York), Associate Professor of Sociology

O'Keefe, Timothy S., Ph.D. (University of Texas, Austin), Associate Professor of Philosophy

Ong, Grace, Ph.D. (University of Arkansas), Lecturer of Chemistry

Oommen, Kavita, Ph.D. (Baylor College of Medicine), Lecturer of Biology

Osan, Remus, Ph.D. (University of Pittsburgh), Assistant Professor of Mathematics and Statistics

Özçaliskan, Seyda, Ph.D. (University of California, Berkeley), Associate Professor of Psychology

Packwood Freeman, Carrie, Ph.D. (University of Oregon), Associate Professor of Communication

Pallas, Sarah, Ph.D. (Cornell University), Professor of Neuroscience and Biology

Palm, Risa, Ph.D. (University of Minnesota), Professor of Geosciences and Senior Vice President for Academic Affairs and Provost

Palmer, Michael D., B.M. (Indiana University), Professor of Music

Pan, Yi, Ph.D. (University of Pittsburgh), Distinguished University Professor of Computer Science;

Interim Associate Dean and Chair of Biology

Papavasiliou, Faidra, Ph.D. (Emory University), Lecturer of Anthropology

Parent, Marise, Ph.D. (University of California, Irvine), Professor of Neuroscience and Psychology

Parilla, Jessica, Ph.D. (University of Florida), Senior Lecturer of Biology

Parks, Samantha, Ph.D. (Georgia Institute of Technology), Lecturer of Biology

Parrott, Dominic, Ph.D. (University of Georgia), Associate Professor of Psychology

Pascoe, Keith, Ph.D. (University of West Indies, Jamaica), Senior Lecturer of Chemistry

Patico, Jennifer, Ph.D. (New York University), Associate Professor of Anthropology

Patonay, Gabor, Ph.D. (Technical University of Budapest), Professor of Chemistry

Pendrick, Gerard, Ph.D. (Columbia University), Lecturer of World Languages and Cultures

Peragine, Joseph, M.F.A. (Georgia State University), Associate Professor of Art and Design

Perera, Unil A. G., Ph.D. (University of Pittsburgh), Regents' Professor of Physics and Astronomy and Neuroscience

Perilla, Julia, Ph.D. (Georgia State University), Academic Professional in Psychology

Perry, Joseph, Ph.D. (University of Illinois), Associate Professor of History

Peterson, John L., Ph.D. (University of Michigan), Professor of Psychology

Petrulis, Aras, Ph.D. (Cornell University), Associate Professor of Neuroscience and Psychology

Phillips, Chester, D.M.A. (University of Georgia), Assistant Professor of Music

Pierce, George, Ph.D. (Rensselaer Polytechnic Institute), Professor of Biology

Poley, Jared C., Ph.D. (University of California, Los Angeles), Associate Professor of History

Poole, Therese, Ph.D. (University of Wisconsin, Madison), Senior Lecturer of Biology

Poon, Gregory, Ph.D. (University of Toronto), Associate Professor of Chemistry

Powers, Shawn, Ph.D. (University of Southern California), Assistant Professor of Communication

Prasad, Sushil K., Ph.D. (University of Central Florida), Professor of Computer Science and Neuroscience

Presley, Cora, Ph.D. (Stanford University), Associate Professor of African-American Studies Price, Katie, Ph.D. (University of Georgia), Assistant Professor of Geosciences

Pullman, George L., Ph.D. (Rensselaer Polytechnic Institute), Associate Professor of English, Co-Director of the Center for Instructional Innovation

Qi, Xin, Ph.D. (University of Wisconsin, Madison), Assistant Professor of Mathematics and Statistics

Qin, Gengsheng, Ph.D. (Hong Kong University of Science and Technology), Professor of Mathematics and Statistics

Raengo, Alessandra, Ph.D. (New York University), Associate Professor of Communication

Rainbolt, George W., Ph.D. (University of Arizona), Professor and Chair of the Department of Philosophy

Rajiva, Jay, Ph.D. (University of Toronto), Assistant Professor of English

Ramzy, Rasha, Ph.D. (Georgia State University), Senior Lecturer of Communication

Rand, Sebastian, Ph.D. (Northwestern University), Associate Professor of Philosophy

Ray, Gigi, Ph.D. (Princeton University), Senior Lecturer of Chemistry

Reati, Fernando O., Ph.D. (Washington University, St. Louis), Professor of World Languages and Cultures and Director of the Center for Human Rights and Democracy

Rehder, Vincent, Ph.D. (Free University, Berlin), Professor of Biology and Neuroscience

Reid-Mooring, Ph.D. (Georgia State University), Assistant Professor of Chemistry

Reimann, Kim, Ph.D. (Harvard University), Associate Professor of Political Science and Director of the Asian Studies Center

Reitzes, Donald C., Ph.D. (Indiana University), Professor of Sociology and Associate Dean for Social and Behavioral Sciences

Renick, Timothy M., Ph.D. (Princeton University), Professor of Religious Studies and Vice President for Enrollment Management and Vice Provost

Restivo, Angelo, Ph.D. (University of Southern California), Associate Professor of Communication

Reynolds, Douglas R., Ph.D. (Columbia University), Professor of History

Richardson, LeeAnne, Ph.D. (Indiana University), Associate Professor of English

Richey, Sean, Ph.D. (City University of New York), Associate Professor of Political Science

Richmond, Susan, Ph.D. (University of Texas, Austin), Associate Professor of Art and Design

Richtarik, Marilynn J., D.Phil. (Oxford University), Professor of English

Rizzo, Rebecca, Ph.D. (Florida Institute of Technology), Senior Lecturer of Mathematics and Statistics

Robbins, Chandan, Ph.D. (Georgia State University), Academic Professional of Biology

Roberts, James, Ph.D. (Pennsylvania State University), Senior Lecturer of Communication

Robin, Daniel, M.F.A. (San Francisco State University), Assistant Professor of Communication

Rodgers, Edmund, Ph.D. (Georgia State University), Lecturer of Biology

Rodrigo, Victoria, Ph.D. (University of Southern California), Associate Professor of World Languages and Cultures

Rodrigues, Luciana, Ph.D. (State University of Campinas), Lecturer of Communication

Roemer-Weyhofen, Ute, Ph.D. (Leibniz University Hanover), Assistant Professor of Applied Linguistics and English as a Second Language

Rolinson, Mary, Ph.D. (Georgia State University), Senior Lecturer of History

Romski, Mary Ann, Ph.D. (University of Kansas, Lawrence), Regents' Professor of Communication, Psychology, and Educational Psychology, Special Education & Communication Disorders; Associate Dean for Research and Graduate Studies; and Director of the Center for Research on Atypical Development and Learning

Roseberry, Aaron, Ph.D. (Northwestern University), Assistant Professor of Biology

Ross, Kyla, Ph.D. (Georgia Institute of Technology/Emory University), Academic Professional in Biology

Roudané, Matthew C., Ph.D. (University of Oregon), Regents' Professor of English

Rouse, Jacqueline A., Ph.D. (Emory University), Associate Professor of History

Ruel, Erin, Ph.D. (University of Illinois, Chicago), Associate Professor of Sociology

Ruprecht, Louis, Jr., Ph.D. (Emory University), Professor of Religious Studies; William M. Suttles Chair of Religious Studies; and Director of the Center for Hellenic Studies

Russell, Joshua T., M.F.A. (Louisiana State University), Professor of English

Ryan, Maura, Ph.D. (University of Florida), Senior Lecturer of Sociology

Safer, Adam, Ph.D. (Florida Institute of Technology), Lecturer of Biology

Samara, Marko, M.A.S. (Ohio State University), Lecturer of Mathematics and Statistics

Sarkar, Sutandra, M.S. (Georgia Institute of Technology), Senior Academic Professional of Mathematics and Statistics

Sarsour, Murad, Ph.D. (University of Houston), Associate Professor of Physics and Astronomy

Scarantino, Andrea, Ph.D. (University of Pittsburgh), Associate Professor of Philosophy and Neuroscience

Schatteman, Renée, Ph.D. (University of Massachusetts), Associate Professor of English

Schiffer, Sheldon, M.F.A. (University of California), Professor of Communication

Schlig, Carmen, Ph.D. (University of Texas, Austin), Associate Professor of World Languages and Cultures

Schmidt, Paul H., Ph.D. (University of Minnesota), Associate Professor of English

Schorpp, Susanne, Ph.D. (University of South Carolina), Assistant Professor of Political Science

Sehat, David, Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of History

Selwood, Jacob, Ph.D. (Duke University), Associate Professor of History

Sevcik, Rose, Ph.D. (Georgia State University), Distinguished University Professor of Psychology and Co-Director of the Research on Challenges to the Acquisition of Language and Literacy Program

Sexton, Megan, Ph.D. (Georgia State University), Academic Professional of English

Shahaf, Sharon, Ph.D. (University of Texas, Austin), Assistant Professor of Communication

Shamsi, Shahab, Ph.D. (Miami University), Professor of Chemistry

Shaner, Jaynette L., Ph.D. (University of Kansas), Associate Professor of Communication

Sharratt, Nicola, Ph.D. (University of Illinois-Chicago), Assistant Professor of Anthropology

Sheehan, Elizabeth, Ph.D. (Emory University), Senior Lecturer of Psychology

Shi, Hang, Ph.D. (University of Tennessee), Assistant Professor of Biology

Shilnikov, Andrey, Ph.D. (Nizhny Novgorod State University, Russia), Professor of Neuroscience and Mathematics and Statistics

Sidaras, Sabrina, Ph.D. (Emory University), Lecturer of Psychology

Simonds, Wendy, Ph.D. (City University of New York), Professor of Sociology

Sinnott, Megan, Ph.D. (University of Wisconsin, Madison), Associate Professor of Women's, Gender, and Sexuality Studies

Smalls-Glover, Ciara, Ph.D. (University of Michigan), Assistant Professor of Psychology

Smirnova, Alexandra, Ph.D. (Kansas State University), Professor of Mathematics and Statistics

Smith, Gregory M., Ph.D. (University of Wisconsin, Madison), Professor of Communication

Smith, Jerry C., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Chemistry

Smolinski, Reiner, Ph.D. (Pennsylvania State University), Professor of English

Snape, Jason, M.F.A. (Rochester Institute of Technology), Lecturer of Art and Design

Snell, Debra, M.S. (Georgia State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Snow, Malinda, Ph.D. (Duke University), Associate Professor of English

Song, Chi-Sun K., Ph.D. (Georgia State University), Lecturer of Biology

Song, Wen Zhan, Ph.D. (Illinois Institute of Technology), Professor of Computer Science

Spring, Amy, M.A. (University of Washington), Assistant Professor of Sociology

Stanford, Ruth, M.F.A. (Carnegie-Mellon University), Associate Professor of Art and Design

Starrick, Amanda, M.A. (Arizona State University), Senior Lecturer of Applied Linguistics and English as a Second Language

Steffen, Charles G., Ph.D. (Northwestern University), Professor of History

Steigerwalt, Amy L., Ph.D. (University of California, Berkeley), Associate Professor of Political Science

Stewart, Faye, Ph.D. (Indiana University), Assistant Professor of World Languages and Cultures

Stewart, Michael, Ph.D. (University of Illinois), Associate Professor of Mathematics and Statistics

Stockman, Mark I., D.Sc. (Institute of Automation and Electrometry of the Russian Academy of Sciences), Professor of Physics and Astronomy

Stokesbury, M. Leon, Ph.D. (Florida State University), Associate Professor of English

Stombler, Mindy, Ph.D. (Florida State University), Senior Lecturer of Sociology

Stroeva, Elina, Ph.D. (Moscow Chemical Technological Institute, Russia), Lecturer of Chemistry

Stuckey, Mary, Ph.D. (University of Notre Dame), Professor of Communication and Political Science

Sylvester, Jonathan, Ph.D. (Georgia Tech.), Lecturer of Biology

Subotic, Jelena, Ph.D. (University of Wisconsin), Associate Professor of Political Science

Suchke, Dara, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Sugarman, Matthew, M.F.A. (Montana State University), Professor of Art and Design

Sumner Lott, Marie Ph.D. (Eastman School of Music), Assistant Professor of Music

Sunderraman, Rajshekhar, Ph.D. (Iowa State University), Professor of Computer Science and Neuroscience

Swanson, Peter B., Ph.D. (University of Wyoming), Associate Professor of World Languages and Cultures

Tai, Phang-Cheng, Ph.D. (University of California, Davis), Regents' Professor of Biology and Neuroscience

Takatori, Yuki, Ph.D. (Yale University), Associate Professor of World Languages and Cultures

Talburt, Susan, Ph.D. (Vanderbilt University), Professor of Women's, Gender, and Sexuality Studies

Taylor, Melissa Paige, M.S. (Georgia Institute of Technology), Assistant Professor of Art and Design

Teel, Leonard, Ph.D. (Georgia State University), Professor of Communication and Director of the Center for International Media Education

Thalken, Constance, M.F.A. (Yale University), Associate Professor of Art and Design

Thomas, Calvin, Ph.D. (University of Wisconsin, Milwaukee), Professor of English

Thompson, Robert S., Ph.D. (University of California, San Diego), Professor of Music

Thoms, Brian, Ph.D. (Cornell University), Associate Professor of Physics and Astronomy

Thornton, Judd, Ph.D. (Michigan State University), Assistant Professor of Political Science

Thota, Jyotsna, Ph.D. (University of Connecticut), Senior Lecturer of Chemistry

Throop, Elizabeth, M.G.D. (North Carolina State University), Associate Professor of Art and Design

Tims, Keith, Ph.D. (Georgia State University), Lecturer of Communication

Tindall, Natalie, Ph.D. (University of Maryland), Associate Professor of Communication

Tone, Erin McClure, Ph.D. (Emory University), Associate Professor of Psychology and Neuroscience

Torres, Germán, Ph.D. (University of Georgia), Associate Professor of World Languages and Cultures

Trask, Jeffrey, Ph.D. (Columbia University), Assistant Professor of History

Tullos, J. Kyle, Ph.D. (University of Georgia), Lecturer of Philosophy

Tully, Erin, Ph.D. (Emory University), Assistant Professor of Psychology

Turner-Livermore, Bethany L., Ph.D. (Emory University), Associate Professor of Anthropology

Turner, Jessica, Ph.D. (University of California, Irvine), Associate Professor of Psychology

Tusher, Chantal Posited, Ph.D. (Georgia State University), Lecturer of Psychology

Tussey, Ethan, Ph.D. (University of California, Santa Barbara), Assistant Professor of Communication

Ulrich, Paul, Ph.D. (University of Delaware), Lecturer of Biology

Umoja, Akinyele, Ph.D. (Emory University), Associate Professor and Chair of the Department of African-American Studies

Urquhart, Lela, Ph.D. (Stanford University), Assistant Professor of History

Van der Holst, Hendricus, Ph.D. (University of Amsterdam), Associate Professor of Mathematics and Statistics

Van Leeuwen, Neil, Ph.D. (Stanford University), Assistant Professor of Philosophy and Neuroscience

Vandewalker, David, D.M.A. (Boston University), Lecturer of Music

Vasquez, Pedro, Ph.D. (Emory University), Academic Professional of Chemistry

Venet, Wendy, Ph.D. (University of Illinois), Professor of History

Vernick, Gordon,, D.A. (University of Northern Colorado), Professor of Music

Vidakovic, Draga, Ph.D. (Purdue University), Professor of Mathematics and Statistics

Vincent, Nicole, Ph.D. (University of Adelaide), Associate Professor of Philosophy, Law, and Neuroscience

Visaggi, Christy, Ph.D. (North Carolina, Wilmington), Lecturer of Geosciences

Vollmer, Niklas, M.F.A. (University of California, San Diego), Associate Professor of Communication

von Korff, Joshua, Ph.D. (University of California, Berkley), Assistant Professor of Physics and Astronomy

Voss, Paul J., Ph.D. (University of California, Riverside), Associate Professor of English

Walthall, Walter W., Ph.D. (State University of New York, Albany), Associate Professor of Biology and Neuroscience

Wang, Binghe, Ph.D. (University of Kansas), Regents' Professor of Chemistry, Associate Dean for Natural and Computational Sciences, Georgia Research Alliance Eminent Scholar in Drug Discovery, Director of Center for Diagnostics and Therapeutics, and Co-director of the Center for Biotechnology and Drug Design

Wang, Danzhu, Ph.D. (Georgia State University), Lecturer of Chemistry

Wang, Gangli, Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Chemistry and Neuroscience

Wang, George Peng, Ph.D. (University of California, Berkeley), Professor of Chemistry and Georgia Research Alliance Eminent Scholar in Chemical Glycobiology

Wang, Ruili, Ph.D. (Georgia State University), Lecturer of Physics and Astronomy

Washburn, David A., Ph.D. (Georgia State University), Professor of Psychology and Neuroscience and Director of the Language Research Center

Way, John, Ph.D. (Yale University), Assistant Professor of History

Weber, Irene, D., Ph.D. (Oxford University, Oxford, England), Regents' Professor of Biology, Chemistry, and Neuroscience

Wedeman, Andrew, Ph.D. (University of California, Los Angeles), Professor of Political Science

Weeks, Michael, Ph.D. (University of Southwestern Louisiana), Associate Professor of Computer Science and Neuroscience

Weigle, Sara Cushing, Ph.D. (University of California, Los Angeles), Professor of Applied Linguistics and English as a Second Language

Weiskopf, Daniel, Ph.D. (Washington University), Associate Professor of Philosophy and Neuroscience

Welborn, Daniel, Ph.D. (University of Southern Mississippi), Assistant Professor of Music

Welch, Richard, Ph.D. (University of Denver), Lecturer of Communication

West, Christina, M.F.A. (New York State College), Assistant Professor of Art and Design

West, Elizabeth, Ph.D. (Emory University), Professor of English

Weyermann, Andrea, Ph.D. (Georgia State University), Lecturer of Psychology

Weyhenmeyer, James, Ph.D. (Indiana University), Professor of Neuroscience and Vice President for Research and Economic Development

Wharton, Robin, Ph.D. (University of Georgia), Lecturer of English

White, Cassandra, Ph.D. (Tulane University), Associate Professor of Anthropology

White, Michael A., Sr., M. Arch. (Georgia Institute of Technology), Associate Professor and Director of the Welch School of Art and Design

White, Russell, Ph.D. (University of California, Los Angeles), Associate Professor of Physics and Astronomy

Wilczynski, Walter, Ph.D. (University of Michigan-Ann Arbor), Professor of Neuroscience

Wilding, Nick, Ph.D. (European University Institute, Fiesole, Italy), Associate Professor of History

Wilkin, Holley A., Ph.D. (University of Southern California), Associate Professor of Communication

Williams, Ann, Ph.D. (University of Michigan), Associate Professor of Communication

Williams, Frank L'Engle, Ph.D. (University of Massachusetts, Amherst), Associate Professor of Anthropology

Williamson, Rebecca, Ph.D. (Stanford University), Assistant Professor of Psychology

Wilson, Adam, Ph.D. (University of California), Assistant Professor of Biology

Wilson, Eric, Ph.D. (Emory University), Assistant Professor of Philosophy

Wilson, John, Ph.D. (Georgia State University), Academic Professional of Physics and Astronomy

Wilson, Kathryn, Ph.D. (University of Pennsylvania), Associate Professor of History

Wilson, William David, Ph.D. (Purdue University), Regents' Professor of Chemistry

Winkler, Carol K., Ph.D. (University of Maryland), Professor of Communication and Associate Dean for the Humanities

Wrenn, Diana, M.A. (Georgia State University), Lecturer of Applied Linguistics and English as a Second Language

Wright, Eric, Ph.D. (Indiana University, Bloomington), Professor of Sociology and Public Health

Wsol, Michael, M.Arch. (University of Virginia), Assistant Professor of Art and Design

Xiao, Yuanhui, Ph.D. (University of Georgia), Assistant Professor of Mathematics and Statistics

Xu, Bin, Ph.D. (University of North Carolina at Chapel Hill), Senior Academic Professional of Chemistry

Xu, Hao, Ph.D. (Scripps Research Institute), Assistant Professor of Chemistry

Xue, Bingzhong, Ph.D. (University of Tennessee), Associate Professor of Biology

Yang, Jenny, Ph.D. (Florida State University), Distinguished University Professor of Chemistry and Neuroscience

Yao, Yongwei, Ph.D. (University of Kansas), Associate Professor of Mathematics and Statistics

Ye, Xiaojing, Ph.D. (University of Florida), Assistant Professor of Mathematics and Statistics

Yin, Jun, Ph.D. (University of California, Berkeley), Associate Professor of Chemistry

Young, Daniel, Ph.D. (University of California), Assistant Professor of Political Science

Young, Jeffrey, Ph.D. (Emory University), Senior Lecturer of History

Zeigler, Mary, Ph.D. (University of Georgia), Associate Professor of English

Zelikovskiy, Aleksandr, Ph.D. (Institute of Mathematics of the Byelorussian Academy of Sciences), Distinguished University Professor of Computer Science

Zellars, Malcolm, Ph.D. (Georgia State University), Senior Lecturer of Biology

Zhan, Heying, Ph.D. (University of Kansas), Associate Professor of Sociology

Zhang, Jing, Ph.D. (Harvard University), Assistant Professor of Mathematics and Statistics

Zhang, Yanqing, Ph.D. (University of South Florida), Professor of Computer Science and Neuroscience

Zhao, Yi, Ph.D. (Rutgers University), Associate Professor of Mathematics and Statistics

Zhao, Yichuan, Ph.D. (Florida State University), Professor of Mathematics and Statistics and Neuroscience

Zhong, Changyong, Ph.D. (Vanderbilt University), Senior Lecturer of Mathematics and Statistics

Zhu, Ying, Ph.D. (George Mason University), Associate Professor of Computer Science and Neuroscience

Ziff, Stewart, M.F.A. (School of Visual Arts, New York), Associate Professor of Art and Design

College of Education and Human Development Faculty

Abbott, Laura, M.S. (Georgia State University), Clinical Instructor of Kinesiology and Health

Albers, Margaret M., Ph.D. (Indiana University), Professor of Middle and Secondary Education

Alberto, Paul A., Ph.D. (Georgia State University), Dean and Regent's Professor of Educational Psychology, Special Education, and Communication Disorders

Ari, Omer, Ph.D. (Georgia State University), Limited Term Clinical Assistant Professor of Early Childhood and Elementary Education

Ariail, Mary, Ph.D. (University of Georgia), Associate Chair and Associate Professor of Middle and Secondary Education

Ashby, Jeffrey S., Ph.D. (Pennsylvania State University), Professor of Counseling and Psychological Services

Bayazit, Nermin, Ph.D. (Florida State University), Clinical Assistant Professor of Middle and Secondary Education

Beavers, Gracie, Ph.D. (University of Florida), Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Behizadeh, Nadia, Ph.D. (Emory University), Assistant Professor of Middle and Secondary Education

Benson, Gwendolyn, Ph.D. (University of Kansas), Associate Dean for School, Community, and International Partnerships and Clinical Associate Professor of Educational Psychology, Special Education, and Communication Disorders

Berry, Jami, Ph.D. (Georgia State University), Clinical Assistant Professor of Educational Policy Studies

Bingham, Gary, Ph.D. (Purdue University), Associate Professor of Early Childhood and Elementary Education

Boden, Lauren, M.S. (Georgia State University), Limited Term Clinical Instructor of Educational Psychology, Special Education, and Communication Disorders

Bohan, Chara, Ph.D. (University of Texas, Austin), Associate Professor of Middle and Secondary Education

Boyles, Deron R., Ph.D. (Vanderbilt University), Professor of Educational Policy Studies

Brack, Gregory, Ph.D. (Indiana University, Bloomington), Associate Professor of Counseling and Psychological Services

Brandon, Leslie Jerome, Ph.D. (University of Illinois, Urbana-Champaign), Professor of Kinesiology and Health

Bridges-Rhoads, Sarah, Ph.D. (University of Georgia), Assistant Professor of Early Childhood and Elementary Education

Brison, Natasha, J.D. (University of Georgia School of Law), Clinical Assistant Professor of Kinesiology and Health

Buras, Kristen L., Ph.D. (University of Wisconsin, Madison), Associate Professor of Educational Policy Studies

Burns, Janet L., Ph.D. (Georgia State University), Clinical Associate Professor of Middle and Secondary Education

Calandra, Brendan D., Ph.D. (University of South Florida), Associate Professor of Learning Technologies

Carter, Patricia, Ph.D. (University of Cincinnati), Clinical Associate Professor of Educational Policy Studies

Chahine, Iman, Ph.D. (University of Minnesota), Assistant Professor of Middle and Secondary Education

Chang, Catherine, Ph.D. (University of North Carolina, Greensboro), Professor of Counseling and Psychological Services

Chilungu, E. Namisi, Ph.D. (University at Buffalo), Clinical Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Choi, Jayoung, Ph.D. (Georgia State University), Clinical Assistant Professor of Middle and Secondary Education

Cianfrone, Beth A., Ph.D. (University of Florida), Associate Professor of Kinesiology and Health

Cohen, Jonathan, Ph.D. (University of Virginia), Assistant Professor of Learning Technologies

Commander, Nannette, Ph.D. (Georgia State University), Professor of Educational Psychology and Special Education

Crisp, Thomas, Ph.D. (Michigan State University), Assistant Professor of Early Childhood and Elementary Education

Cross, Stephanie Behm, Ph.D. (Virginia Polytechnic Institute and State University), Assistant Professor of Middle and Secondary Education

Curlette, William Lynch, Ph.D. (Syracuse University), Chair and Professor of Educational Policy Studies and Counseling and Psychological Services

Davis, Don E., Ph.D. (Virginia Commonwealth University), Assistant Professor of Counseling and Psychological Services

DeBlaere, Cirleen, Ph.D. (University of Florida), Assistant Professor of Counseling and Psychological Services

Demir, Abdulkadir, Ph.D. (University of Missouri, Columbia), Associate Professor of Middle and Secondary Education

Dew, Brian J., Ph.D. (The University of North Carolina), Chair and Associate Professor of Counseling and Psychological Services

Dispenza, Franco, Ph.D. (Georgia State University), Assistant Professor of Counseling and Psychological Services

Dixon, Andrea, Ph.D. (University of North Carolina, Greensboro), Associate Professor of Counseling and Psychological Services

Dooley, Caitlin, Ph.D. (University of Texas, Austin) Associate Professor of Early Childhood and Elementary Education

Doyle, James Andrew, Ph.D. (The Ohio State University), Associate Professor of Kinesiology and Health

Earl, Chantee, Ph.D. (University of Pittsburgh), Clinical Assistant Professor of Middle and Secondary Education

Easterbrooks, Susan R., Ed.D. (University of Georgia), Regents' Professor of Educational Psychology, Special Education, and Communication Disorders

Ellis, Rebecca, Ph.D. (University of Florida), Associate Professor of Kinesiology and Health

Emerson, Judith, Ph.D. (University of Southern Mississippi), Clinical Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Esposito, Jennifer, Ph.D. (Syracuse University), Associate Professor of Educational Policy Studies

Feinberg, Joseph, Ph.D. (University of Georgia), Associate Professor of Middle and Secondary Education

Fernandes Williams, Rhina, Ph.D. (Emory University), Clinical Assistant Professor of Early Childhood and Elementary Education

Fiore, Rachel, Ph.D. (John Hopkins Medical Institutions), Limited Term Clinical Assistant Professor of Early Childhood and Elementary Education

Fisher, Teresa, Ph.D. (Georgia State University), Clinical Assistant Professor of Early Childhood and Elementary Education

Flint, Amy, Ph.D. (University of California, Berkeley), Professor of Middle and Secondary Education

Fortner, Kevin, Ph.D. (Georgia Institute of Technology and Georgia State University), Assistant Professor of Educational Policy Studies

Fournillier, Janice, Ph.D. (University of Georgia), Associate Professor of Educational Policy Studies

Fox, Dana L., Ph.D. (University of Missouri, Columbia), Associate Professor of Middle and Secondary Education

Fredrick, Laura D., Ph.D. (Georgia State University), Chair and Professor of Educational Psychology, Special Education and Communication Disorders

Gallagher, Peggy L., Ph.D. (University of North Carolina, Chapel Hill), Professor of Educational Psychology, Special Education, and Communication Disorders

Geil, Mark, Ph.D. (Ohio State University), Associate Professor of Kinesiology and Health

Gilbride, Dennis, Ph.D. (University of Southern California), Professor of Counseling and Psychological Services

Goerger, Benjamin, Ph.D. (University North Carolina, Chapel Hill), Assistant Professor of Kinesiology and Health

Greenberg, Daphne, Ph.D. (City University of New York), Professor of Educational Psychology, Special Education, and Communication Disorders

Greene, Barbara J., M.Ed. (Georgia State University), Clinical Instructor of Kinesiology and Health

Gurewicz, Rachael, Ph.D., (West Virginia University), Associate Professor of Kinesiology and Health

Harmon, Stephen W., Ed.D. (University of Georgia), Professor of Learning Technologies

Hart, Lynn C., Ph.D., (Georgia State University), Professor of Early Childhood and Elementary Education and Mathematics and Statistics

Hill, Joseph A., Ph.D. (University of Georgia), Clinical Assistant Professor of Counseling and Psychological Services

Holbrook, Teri, Ph.D. (University of Georgia), Associate Professor of Early Childhood and Elementary Education

Houchins, David E., Ph.D. (University of Florida), Professor of Educational Psychology, Special Education, and Communication Disorders

Ingalls, Christopher P., Ph.D. (Texas A&M University), Professor of Kinesiology and Health and Physical Therapy

Irving, Miles A., Ph.D. (University of California, Santa Barbara), Associate Professor of Educational Psychology, Special Education, and Communication Disorders

Jolivette, Kristine, Ph.D. (Vanderbilt University), Professor of Educational Psychology, Special Education, and Communication Disorders

Junor-Clarke, Pier., Ph.D. (University of Toronto), Clinical Associate Professor of Middle and Secondary Education

Kahrs, James, Ed.D. (University of Georgia), Clinical Assistant Professor of Educational Policy Studies and Director of the Principles Center

Kaufmann, Jodi, Ph.D. (University of Georgia), Associate Professor of Educational Policy Studies

Kesner, John E., Ph.D. (The Ohio State University), Associate Professor of Early Childhood and Elementary Education

King, Joyce, Ph.D. (Stanford University), Professor of Educational Policy Studies and Benjamin E. Mays Endowed Chair

Kinuthia, Wanjira, Ph.D. (University of South Alabama), Associate Professor of Learning Technologies

Kruger, Ann C., Ph.D. (Emory University), Associate Professor of Educational Psychology, Special Education, and Communication Disorders

Kurumada, Katharine, Ph.D. (Georgia State University), Clinical Assistant Professor of Early Childhood and Elementary Education

Kwon, Kyong-Ah, Ph.D. (Purdue University), Associate Professor of Early Childhood and Elementary Education

Lakes, Richard D., Ph.D. (The Ohio State University), Professor of Educational Policy Studies

Laures-Gore, Jacqueline, Ph.D. (University of Wisconsin, Madison), Associate Professor of Educational Psychology, Special Education, and Communication Disorders

Lederberg, Amy R., Ph.D. (University of Minnesota), Regents' Professor of Educational Psychology, Special Education, and Communication Disorders

Lemons-Smith, Shonda, Ph.D. (Indiana University), Clinical Assistant Professor of Early Childhood and Elementary Education

Leroux, Audrey, Ph.D. (University of Texas, Austin), Assistant Professor of Educational Policy Studies

Levy, Diane, Ph.D. (Georgia State University), Clinical Assistant Professor of Counseling and Psychological Services

Lewis, Tisha, Ph.D. (University of Albany, SUNY), Assistant Professor of Middle and Secondary Education

Li, Hongli, Ph.D. (Pennsylvania State University), Assistant Professor of Educational Policy Studies

Linens, Shelley, Ph.D. (Virginia Commonwealth University), Assistant Professor of Kinesiology and

Health

Lund, Jacalyn, L., Ph.D. (The Ohio State University), Chair and Professor of Kinesiology and Health

Lynch, Heather, Ph.D. (Georgia State University), Limited Term Clinical Assistant Professor in Early Childhood and Elementary Education

Many, Joyce E., Ph.D. (Louisiana State University), Associate Dean of Undergraduate Programs and Educator Preparation and Professor of Middle and Secondary Education

Matthews, Ramona W., Ph.D. (University of Georgia), Professor of Early Childhood and Elementary Education

May, Laura, Ph.D. (University of Texas, Austin), Assistant Professor of Early Childhood and Elementary Education

McGrail, Ewa, Ph.D. (Syracuse University), Associate Professor and Middle and Secondary Education

McKeown, Debra, Ph.D. (Vanderbilt University), Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

McKinney, Tracy, Ph.D. (University of Central Florida), Clinical Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Metzler, Michael, Ph.D. (The Ohio State University), Professor of Kinesiology and Health

Meyers, Barbara, Ed.D. (Temple University), Chair and Associate Professor of Early Childhood and Elementary Education

Meyers, Joel, Ph.D. (University of Texas), Regents' Professor of Counseling and Psychological Services

Meyers, Laura, E., Ph.D. (Purdue University), Clinical Assistant Professor of Early Childhood Education

Muhummad, Gholnecsar, Ph.D. (University of Illinois, Chicago), Assistant Professor of Middle and Secondary Education

O'Rourke, Colleen M., Ph.D. (Wayne State University), Associate Professor of Educational Psychology, Special Education, and Communication Disorders

Orr, Jonathan, Ph.D. (University of New Orleans), Clinical Assistant Professor of Counseling and Psychological Services

Oshima, T. Chris, Ph.D. (University of Florida), Professor of Educational Policy Studies

Otis, Jeffrey, Ph.D. (Virginia Polytechnic Institute and State University), Assistant Professor of Kinesiology and Health

Patterson, DaShaunda, Ph.D. (Georgia State University), Clinical Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Patton-Terry, Nicole, Ph.D. (Northwestern University), Associate Professor of Educational Psychology, Special Education, and Communication Disorders

Perkins, Catherine P., Ph.D. (Georgia State University), Clinical Assistant Professor of Counseling and Psychological Services

Pitts, Brenda, Ed.D. (University of Alabama), Professor of Kinesiology and Health

Puvirajah, Anton, Ph.D. (Wayne State University), Assistant Professor of Middle and Secondary Education

Rambow, Mary W., M.A. (University of Kansas), Clinical Instructor of Educational Psychology, Special Education, and Communication Disorders

Renken, Maggie, Ph.D. (University of Wyoming), Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Rice, Kenneth, Ph.D. (University of Notre Dame), Matheny Endowed Chair and Professor of Counseling and Psychological Services

Rice, Robert, Ph.D. (Georgia State University), Clinical Assistant Professor of Counseling and Psychological Services

Roach, Andy, Ph.D. (University of Wisconsin, Madison), Associate Professor of Counseling and Psychological Services and Public Health, and Associate Director of the Center for Leadership in Disability (CLD)

Sauers, Nick, Ph.D. (Iowa State University), Assistant Professor of Educational Policy Studies

Saxton, Ruth, Ph.D. (University of California, Berkeley), Clinical Associate Professor of Early Childhood and Elementary Education

Schafer, Nancy, Ph.D. (Georgia State University), Clinical Assistant Professor of Early Childhood amd Elementary Education

Schober-Peterson, Debra L., Ph.D. (University of Illinois, Urbana-Champaign), Clinical Associate Professor of Educational Psychology, Special Education,and Communication Disorders

Schwartz, Renee, Ph.D. (Oregon State University), Associate Professor of Middle and Secondary Education

Shapiro, Deborah, Ph.D. (Indiana University), Associate Professor of Kinesiology and Health

Shoffner, Mary B., Ph.D (Kent State University), Associate Professor of Learning Technologies

Smith, Stephanie, Z., Ph.D. (University of Wisconsin, Madison), Associate Professor of Early Childhood and Elementary Education

Stinson, David, W., Ph.D. (Georgia State University), Associate Professor of Middle and Secondary Education

Stuckey, Adrienne, M.A.Ed. (Virginia Polytechnic Institute and State University), Limited Term Clinical Instructor of Educational Psychology, Special Education, and Communication Disorders

Sullivan, Caroline, Ph.D. (University of Texas, Austin), Clinical Assistant Professor of Middle and Secondary Education

Sumpter, Tricia, Ed.D. (University of Georgia), Limited Term Clinical Assistant Professor of Early Childhood and Elementary Education

Swafford, K. Journey, M.Ed. (University of Tennessee), Associate Project Director in Early Childhood and Elementary Education

Swars, Susan, L., Ph.D. (University of Alabama), Associate Professor of Early Childhood and Elementary Education

Tanguay, Carla, Ed.S. (Georgia State University), Clinical Instructor of Early Childhood and Elementary Education

Towson, Jacqueline, M.S. (University of Texas, Dallas), Limited Term Clinical Instructor of Educational Psychology, Special Education, and Communication Disorders

Thomas, Christine D., Ph.D. (Georgia State University), Professor of Middle and Secondary Education

Thomas, Sharren, Ph.D. (University of Georgia), Limited Term Clinical Assistant Professor of Middle and Secondary Education

Thompson, Walter R., Ph.D. (The Ohio State University), Associate Dean of Graduate Studies and Research and Regents' Professor of Kinesiology and Health and Nutrition

Tinker Sachs, Gertrude, Ph.D. (University of Toronto), Chair and Associate Professor of Middle and Secondary Education

Truscott, Diane M., Ph.D. (State University of New York, Buffalo), Associate Professor of Early Childhood and Elementary Education

Truscott, Stephen D., Ph.D. (State University of New York), Associate Professor of Counseling and Psychological Services

Tullis, Christopher, Ph.D. (The Ohio State University), Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

van Leer, Eva, Ph.D. (University of Wisconsin), Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Varjas, Kristen, Psy.D. (State University of New York), Professor of Counseling and Psychological Services

Wallen, Stacey, Ph.D. (The Ohio State University), Clinical Assistant Professor of Educational Psychology, Special Education, and Communication Disorders

Wang, Yinying, Ph.D. (University of Cincinnati), Assistant Professor of Educational Policy Studies

Washington, Julie, Ph.D. (University of Michigan), Professor of Educational Psychology, Special Education, and Communication Disorders

Williams, Brian, Ph.D. (Emory University), Clinical Assistant Professor of Early Childhood Education and Director of the Alonzo A. Crim Center for Urban Educational Excellence

Williams, Shannon, Ph.D. (University of Georgia), Clinical Assistant Professor of Kinesiology and Health

Wong, Brett, Ph.D. (University of Oregon), Assistant Professor of Kinesiology and Health

Wu, Jianhua (Jerry), Ph.D. (University of California, Davis), Assistant Professor of Kinesiology and Health

Yarbrough, Gladys, Ph.D. (Georgia State University), Limited Term Clinical Assistant Professor of Middle and Secondary Education

Zabrucky, Karen M., Ph.D. (University of Toledo), Professor of Educational Psychology, Special Education, and Communication Disorders

Zeligman, Melissa, Ph.D. (University of Central Florida), Assistant Professor of Counseling and Psychological Services

Zhang, Chenyi, Ph.D. (Purdue University), Assistant Professor of Early Childhood and Elementary Education

Zhao, Yali, Ph.D. (University of Georgia), Associate Professor of Early Childhood and Elementary Education

Zoss, Michelle, Ph.D. (University of Georgia), Assistant Professor of Middle and Secondary Education

Byrdine F. Lewis School of Nursing and Health Professions Faculty

Ari, Arzu, Ph.D. (Georgia State University), Assistant Professor of Respiratory Therapy

Aycock, Dawn, Ph.D (University of Alabama), Assistant Professor in Nursing

Bacon, E. JoAnn, M.P.H. (University of Tennessee), Academic Professional of Nursing

Bates, Teresa, M.N. (Medical College of Georgia), Clinical Instructor of Nursing

Benardot, Dan, Ph.D. (Cornell University), Professor of Nutrition

Butler, Andrew, Ph.D (University of Iowa), Interim Dean BFL School of Nursing and Health Professions, Associate Dean of Research, Interim Director of the Physical Therapy Department, and Professor in Physical Therapy

Butler, Belena, M.S. (Drexel University), Clinical Instructor of Nursing

Casseus, Karis, MSN (Mercer University), Clinical Instructor of Nursing

Chen, Yu-ping, Sc.D. (Boston University), Assistant Professor of Physical Therapy

Clark, Patricia, Ph.D. (University of Rochester), Professor of Nursing

Cranford, Joan, Ed.D (University of Georgia), Interim Director and Clinical Associate Professor of Nursing

Cranwell-Bruce, Lisa, M.S. (Georgia State University), Clinical Instructor of Nursing

Eades, Lee, D.N.P(Georgia Southern University), Clinical Assistant Professor of Nursing

Eastman, Vedica, M.S.N. (Duke University), Clinical Instructor of Nursing

Fisher, Elaine, Ph.D. (University of Pittsburgh), Professor of Nursing

Florman, Terri M.S. (Georgia State University), Clinical Instructor of Nursing

Garcia, Jodan, D.P.T (A.T Still University), Assistant Department Chair and Clinical Assistant Professor of Physical Therapy

Gardenhire, Douglas S., Ed.D (University of Georgia), Clinical Instructor in Respiratory Therapy

Goodfellow, Lynda, Ed.D, (University of Georgia), Professor of Respiratory Therapy and Associate Dean of Academics

Gordon, Paula, M.S. (Georgia State University), RN-BS and Undergraduate Program Coordinator and Clinical Instructor in Nursing

Gore, Jane, Ph.D (Georgia State University), Clinical Assistant Professor of Physical Therapy

Grantham, Carol A., Ph.D. (University of Michigan), Clinical Assistant Professor of Nursing

Harwood, Robert J., M.S.A. (Central Michigan University), Clinical Assistant Professor of Respiratory

Therapy

Helvig, Ashley, Ph.D (Georgia State University), Assistant Professor of Nursing

Henes, Sarah, Ph.D (East Carolina University) Assistant Professor of Nutrition

Hopkins, Barbara Lee, M.M.Sc. (Emory University), Clinical Assistant Professor of Nutrition

Horne, Eva M., M.N. (Emory University), M.S. Coordinator and Clinical Assistant Professor of Nursing

Huggins, Carla, D.P.T (Temple University), Clinical Assistant Professor of Physical Therapy

Kelley, Susan J., Ph.D. (Boston College), Professor of Nursing and Director, Project Health Grandparents

Killian, Sarah M., M.S. (Georgia State University), Clinical Assistant Professor of Nursing

Kirkendoll, Kenya D., M.S.N. (Emory University), Clinical Instructor of Nursing

Long, J. Lynn, M.S.N (Georgia State University) Clinical Instructor of Nursing

Lorio, Ann, D.P.T (Alabama State University), Clinical Assistant Professor in Physical Therapy

Marcus, Jessica, M.S.N (Georgia State University) Clinical Instructor of Nursing

McCrory, Megan, Ph.D (University of California, Davis)

McManus, Sheryl, J.D. (University of Georgia), Clinical Placement Coordinator of Nursing

Melton, Tamara, M.S. (Georgia State University), Program Director, Clinical Health Informatics and Clinical Instructor

Middleton, Spencer, M.S.W (Howard University), Academic Professional

Milner, John, M.S.N. (Duke University), Instructor/Informatics Specialist of Nursing

Minick, M. Ptlene, Ph.D. (Medical College of Georgia), Ph.D Coordinator and Associate Professor of Nursing

Moloney, Margaret, Ph.D. (Georgia State University), Associate Professor of Nursing Emeritus

Morelli, Kimberly, Ph.D (Emory University) Clinical Assistant Professor of Physical Therapy

Murray, Robert "Brent", M.S. (Georgia State University), Clinical Assistant Professor

Nelson, Michelle, M.S. (Wagner College), Clinical Assistant Professor of Nursing

Nucci, Anita, Ph.D. (University of Pittsburgh), Assistant Professor and Graduate Program Coordinator of

Nutrition

Plitnick, Katherine R., Ph.D. (University of Florida), Clinical Assistant Professor of Nursing

Polovich, Martha, Ph.D (Georgia State University), Clinical Associate Professor of Nursing

Roseberry, Beverly, M.S. (Georgia State University), Clinical Instructor

Sheard, Meryl, M.S. (Georgia State University), Academic Professional in Respiratory Therapy

Sims, Traci T., M.S. (Georgia State University), Clinical Instructor in Nursing

Spratling, Regena, Ph.D (Georgia State University), Assistant Professor of Nursing

Summer, Terri, D.N.P. (Medical College of Georgia) Clinical Instructor of Nursing

Thompson, A. Deon L., Ph.D. (Wake Forest University), Clinical Assistant Professor of Physical Therapy

Thompson, Walter, Ph.D (The Ohio State University), Regents Professor joint appointment with the Department of Kinesiology and Health

Tice, Christina, Ph.D (Emory University), Clinical Instructor of Nursing

Todd, Jessica, M.S (Georgia State University), Clinical Director and Coordinate Program Director of Nutrition

Townsend, Stephanie, M.S. (Georgia State University), Clinical Instructor of Nursing

Tsai, Liang-Ching, Ph.D (University of Southern California), Assistant Professor of Physical Therapy

Wade, Sonya, D.S.N. (University of Tennessee Health Science Center) Assistant Professor of Nursing

Warren, Gordon L., III, Ph.D. (University of Georgia), Professor of Physical Therapy and Kinesiology and Health

Washington, Patrick, M.S.N. (Kennesaw State University), Clinical Assistant Professor of Nursing

Wilmoth, Margaret C., PhD (University of Pennsylvania), Professor of Nursing

Zimmerman, Ralph, M.S.M. (Troy State University), Clinical Instructor in Respiratory Therapy

College of Law Faculty

Adams, Windsor, B.A., J.D. (Emory University), Lecturer of Law

Anderson, Courtney, B.S., J.D., LL.M. (Harvard University), Assistant Professor of Law

Bliss, Lisa R., B.A., J.D., (University of Florida), Associate Clinical Professor

Brewer, Cassady V., B.S., J.D., LL.M. (New York University), Assistant Professor of Law

Caley, Sylvia B., B.A., R.N., J.D. (Georgia State University), Associate Clinical Professor

Chiovaro, Jennifer, B.S., J.D. (Georgia State University), Lecturer of Law

Covey, Russell, A.B., M.A., J.D. (Yale University), Professor of Law

Cunningham, Clark, B.A., J.D. (Wayne State University), Lee Burge Chair in Ethics and Professionalism

Curcio, Andrea A., B.A., J.D. (University of North Carolina), Professor of Law

Donaldson, Samuel, B.A., J.D., LL.M. (University of Florida), Professor of Law

Edmundson, William A., B.A., Ph.D., J.D. (Duke University), Professor of Law

Fuse Brown, Erin, B.A., M.P.H., J.D. (Georgetown University), Assistant Professor of Law

Gabel, Jessica D., B.S., J.D. (University of Miami), Associate Professor of Law

Heled, Yaniv, B.S., LL.B., LL.M., J.S.D. (Columbia University), Assistant Professor of Law

Hensel, Wendy F., B.A., J.D. (Harvard University), Professor of Law and Associate Dean for Research and Faculty Development

Iannarone, Nicole G., B.S., J.D. (Yale University) Assistant Clinical Professor

Juergensmeyer, Julian C., A.B., J.D. (Duke University), Ben F. Johnson Jr. Chair in Law

Kaminshine, Steven J., B.A., J.D. (DePaul University), Dean and Professor of Law

Kanan, Trisha K., B.S., J.D. (Pepperdine University), Lecturer of Law

Kerew, Kendall L., B.A., J.D. (Vanderbilt University), Senior Lecturer of Law

Kinkopf, Neil J., A.B., J.D. (Case Western Reserve University), Professor of Law

Kuhner, Timothy, A.B., J.D., LL.M. (Duke University), Associate Professor of Law

Landau, Michael B., B.A., J.D. (University of Pennsylvania), Professor of Law

Lombardo, Paul A., A.B., M.A., Ph.D., J.D. (University of Virginia), Professor of Law

Lucas, Lauren, B.A., J.D., (Harvard University), Assistant Professor of Law

Marshall, John T., B.A., M.A., J.D. (University of Florida Levin College of Law), Assistant Professor of Law

Mattingly, Basil H., B.S., J.D., (University of Kentucky), Associate Professor of Law

Milich, Paul S., B.A., J.D. (Georgetown University), Professor of Law

Morrison, Caren M., B.A., J.D. (Columbia University), Assistant Professor of Law

Niedringhaus, Kristina L., B.A., M.L.S., J.D. (University of North Carolina at Chapel Hill), Associate Dean for Library & Information Services and Associate Professor of Law

Radford, Mary F., B.A., J.D. (Emory University), Cathy C. Henson Professor of Law

Rowberry, Ryan, B.A., M.Sc., J.D. (Harvard University), Assistant Professor of Law

Saito, Natsu, B.A., M.Ed., J.D. (Yale University), Professor of Law

Scott, Charity, B.A., J.D. (Harvard University), Professor of Law

Segall, Eric J., B.A., J.D. (Vanderbilt University), Professor of Law

Sekhon, Nirej, A.B., J.D. (New York University), Assistant Professor of Law

Slovensky, Heather K., B.A., J.D. (University of Michigan), Lecturer of Law 7

Sobelson, Roy M., B.A., J.D., LL.M. (Temple University), Associate Dean for Academic Affairs and Professor of Law

Stephens, Corneill A., B.A., J.D. (University of Chicago), Professor of Law

Suski, Emily, B.A., M.S.W., J.D., LL.M. (Georgetown University) Assistant Clinical Professor

Taylor, B. Ellen, B.Mus., J.D. (Emory University), Associate Professor of Law

Timmons, Kelly Cahill, B.A., J.D. (Vanderbilt University), Associate Dean for Student Affairs and Associate Professor of Law

Todres, Jonathan, B.A., J.D. (Columbia University), Associate Professor of Law

Tucker, Anne, B.A., J.D. (Indiana University), Assistant Professor of Law

Vath, Margaret H., B.A., J.D. (Villanova University), Lecturer of Law

Washington, Tanya M., B.A., J.D., LL.M. (Harvard University), Associate Professor of Law

Williams, Chasta N., B.A., J.D. (University of Kentucky), Lecturer of Law

Williams, Jack F., B.A., J.D. (George Washington University), Professor of Law

Wiseman, Patrick, B.A., M.A., Ph.D., J.D. (Columbia University), Professor of Law

Wolf, Leslie E., A.B., M.P.H., J.D. (Harvard University), Professor of Law

Yarn, Douglas H., B.A., M.Litt., J.D., (University of Georgia), Professor of Law

J. Mack Robinson College of Business Faculty

Agarwal, Vikas, Ph.D. (London Business School), Professor of Finance

Alexander, Charlotte, J.D. (Harvard Law School), Assistant Professor of Legal Studies

Alvarez-Garrido, Elisa, Ph.D. (University of Pennsylvania), Assistant Professor of Managerial Sciences

Ashraf, Rasha, Ph.D. (Georgia Institute of Technology), Clinical Assistant Professor of Finance

Baird, Aaron M., Ph.D. (Arizona State University), Assistant Professor of Health Administration

Barber, Diana, J.D. (Mercer University), Lecturer of Hospitality Administration

Barksdale, Hiram C., Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Marketing

Barr, Pamela S., Ph.D. (University of Illinois, Urbana-Champaign), Professor and Interim Chair of the Department of Managerial Sciences

Baskerville, Richard L., Ph.D. (The London School of Economics), Professor of Computer Information Systems and holder of the Board of Advisors Professorship in Computer Information Systems

Bauer, Daniel, Dr. rer. Nat. (Ulm University), Assistant Professor of Risk Management and Insurance

Beard, David R., Ph.D. (Louisiana State University), Lecturer of Finance

Bello, Daniel C., Ph.D. (Michigan State University), Professor and Director of the Institute of International Business

Bennett, Nathan, Ph.D. (Georgia Institute of Technology), Professor of Business Administration

Bidian, Florin, Ph.D. (University of Minnesota), Assistant Professor of Risk Management and Insurance

Binder, Perry Z., J.D. (State University of New York, Buffalo), Assistant Professor of Legal Studies

Blunck, Ryan, Ph.D. (University of Iowa), Clinical Assistant Professor of Accountancy

Boers, Jacobus, MBA (Georgia State University), Lecturer of International Business

Bogner, William C., Ph.D. (University of Illinois, Urbana-Champaign), Assistant Dean for Undergraduate Programs and Associate Professor of Managerial Sciences

Borthick, A. Faye, D.B.A. (University of Tennessee, Knoxville), Professor of Accountancy

Brown, Elizabeth, J.D. (University of Chicago), Assistant Professor of Legal Studies

Brown, Genna, M.B.A. (University of Miami), Lecturer of Finance

Brown, Nerissa, Ph.D. (University of Maryland), Assistant Professor of Accountancy

Bruce, David C., Ph.D. (University of Michigan), Clinical Professor of International Business

Bunch, Kay J., Ph.D. (Georgia State University), Instructor of Managerial Sciences

Butler, Deborah S., Ph.D. (Georgia State University), Clinical Associate Professor of Managerial Sciences

Buysman, Loren, M.B.A. (Our Lady of the Lake University), Lecturer of Managerial Sciences

Cameron, Marie, M.S. (Catholic University of America), Lecturer of Health Administration

Cannon, Debra Franklin, Ph.D. (Georgia State University), Associate Professor and Director of the Cecil B. Day School of Hospitality Administration

Cao, Shun, Ph.D. (University of Illinois, Urbana-Champaign), Assistant Professor of Accountancy

Carrillo, Pedro, M.I.P.P. (The Johns Hopkins University), Senior Lecturer of International Business

Cavusgil, S. Tamer, Ph.D. (University of Wisconsin-Madison), Professor of International Business, holder of the Fuller E. Callaway Professorial Chair in International Business, and Executive Director of the Center for International Business Education and Research

Chen, Mark A., Ph.D. (Harvard University), Associate Professor of Finance

Choo, Adrian S., Ph.D. (University of Minnesota), Assistant Professor of Managerial Sciences

Ciccotello, Conrad S., Ph.D. (Pennsylvania State University), Associate Professor of Risk Management and Insurance and Director of Graduate Wealth Management Programs

Clark, Kris J., M.Acc. (University of Arizona), Instructor of Accountancy

Cobb-Walgren, Cathy J., Ph.D. (University of Texas , Austin), Associate Professor of Marketing

Conklin, Thomas A., Ph.D. (Case Westsern Reserve University), Clinical Associate Professor of Managerial Sciences

Cosguner, Koray, Ph.D. (Washington University), Assistant Professor of Marketing

Costello, Jan, M.A. (Georgia State University), Instructor of Business Communication

Curasi, Carolyn F., Ph.D. (University of South Florida), Associate Professor of Marketing

Custer, William S., Ph.D. (University of Illinois), Associate Professor of Health Administration and Director of the Center for Health Services Research

Dadzie, Kofi Q., Ph.D. (The Ohio State University), Associate Professor of Marketing

Dakhli, Mourad, Ph.D. (University of South Carolina), Clinical Associate Professor of International Business

D'Augusta, Carlo, Ph.D. (Bocconi University), Assistant Professor of Accountancy

Dhawan, Rajeev, Ph.D. (University of California, Los Angles), Director of the Economic Forecasting Center and Clinical Professor of Business Administration

Dimotakis, Nikos, Ph.D. (Michigan State University), Assistant Professor of Managerial Sciences

Dionne, Steven S., Ph.D. (University of Oxford), Visiting Assistant Professor of Managerial Sciences

Donthu, Naveen, Ph.D. (University of Texas, Austin), Professor of Marketing, holder of the Katherine S. Bernhardt Research Professorship in Marketing, and Chair of the Department of Marketing

Doria, Evaristo Fernando, Mi. M. (University of St. Thomas), Lecturer of International Business

Douds, Robert R., B.A. (Michigan State University), Visiting Academic Professional and Culinary instructor

Duhaime, Irene M., Ph.D. (University of Pittsburgh), Senior Associate Dean of the J. Mack Robinson College of Business and Professor of Managerial Sciences

Ellen, Pam S., Ph.D. (University of South Carolina, Columbia), Associate Professor of Marketing

England, Deirdre B., M.B.A. (Clark Atlanta University), Visiting Instructor of Business Communication

Eroglu, Sevgin A., Ph.D. (Michigan State University), Associate Professor of Marketing

Fancher, Lori P., Ph.D. (Georgia State University), Visiting Clinical Assistant Professor of Business Communication

Fang, Xiaohua, Ph.D. (University of Toronto), Assistant Professor of Accountancy

Fazlollahi, Afag, Ph.D. (Georgia State University), Visiting Instructor of Business Communication

Fendler, Richard J., Ph.D. (The University of Alabama), Assistant Professor of Finance

Fenn, Christopher J., M.Tx. (Georgia State University), Instructor of Accountancy

Ferreira, Raymond R., Ph.D. (University of Maryland), Associate Professor of Hospitality Administration

Forquer, David R., M.B.A. (Georgia State University), Assistant Dean for Executive Education and Lecturer of Managerial Sciences

Gallivan, Michael J., Ph.D. (Massachusetts Institute of Technology), Associate Professor of Computer Information Systems

Gauthreaux, Dale, Ph.D. (Purdue University), Visiting Academic Professional

Gay, Gerald D., Ph.D. (University of Florida), Professor and Chair of the Department of Finance

Gemmell, Robert, Ph.D. (Case Western Reserve University), Director of the Herman J. Russell, Sr. International Center for Entrepreneurship and Clinical Assistant Professor of Managerial Sciences

Gibler, Karen M., Ph.D. (Georgia State University), Associate Professor of Real Estate

Godbey, Jonathan M., Ph.D. (University of Georgia), Clinical Assistant Professor of Finance

Grace, Kelly A., Ph.D. (University of Florida), Clinical Assistant Professor of Managerial Sciences

Grace, Martin F., Ph.D. (University of Florida), Professor of Risk Management and Insurance, holder of the James S. Kemper Professorship in Risk Management and Insurance, and Interim Chair of the Department of Risk Management and Insurance

Grelecki, Ryan C., J.D. (Florida State University), Visiting Instructor of Legal Studies

Gu, Qian, Ph.D. (National University of Singapore), Assistant Professor of International Business

Gu, Wenjun, Ph.D. (University of Illinois, Urbana-Champaign), Clinical Assistant Professor of Managerial Sciences

Guan, Jingling, Ph.D. (Northwestern University), Assistant Professor of Finance

Guymon, Ronald N., Ph.D. (University of Iowa), Clinical Assistant Professor of Accountancy

Harris, Sidney E., Ph.D. (Cornell University), Professor of Computer Information Systems

Harrison, Glenn W., Ph.D. (University of California, Los Angles), Professor of Risk Management and Insurance, holder of the C. V. Starr Chair in Risk Management and Insurance, and Director of the Center for the Economic Analysis of Risk (CEAR)

Hartnell, Chad A., Ph.D. (Arizona State University), Assistant Professor of Managerial Sciences

Hawley, Carolyn F., M.A. (University of West Georgia), Instructor of Business Communication

Hong, Shuguang, Ph.D. (University of Connecticut), Visiting Associate Professor of Computer Information Systems

Huang, Lixin, Ph.D. (University of Pennsylvania), Associate Professor of Finance

Huss, H. Fenwick, D.B.A. (University of Tennessee, Knoxville), Dean of the J. Mack Robinson College of Business and Professor of Accountancy

Jackson, Leonard A., Ph.D. (Oklahoma State University), Clinical Professor of Hospitality Administration

Johnston, Wesley J., Ph.D. (University of Pittsburgh), Professor of Marketing, holder of the CBIM Roundtable Professorship in Marketing, and Director of the Center for Business and Industrial Marketing

Kahlan, Ralph E., M.Ed. (University of North Georgia), Assistant Dean for Finance and Administration, and Lecturer of Accountancy

Kale, Jayant R., Ph.D. (University of Texas, Austin), Professor of Finance and holder of the H. Talmage Dobbs, Jr. Chair in Finance

Keil, Mark, D.B.A. (Harvard University), Professor of Computer Information Systems and holder of the John. B. Zellars Professorship in Computer Information Systems

Ketsche, Patricia G., Ph.D. (Georgia State University), Associate Professor of Health Administration

Kim, Heechun, Ph.D. (Arizona State University), Assistant Professor of International Business

Kim, Soon-Ho, Ph.D. (University of Florida), Clinical Assistant Professor of Hospitality Administration

Kini, Omesh, Ph.D. (Purdue University), Professor of Finance and holder of the Global Financial Markets Professorship

Klein, Robert W., Ph.D. (Michigan State University), Associate Professor of Risk Management and Insurance

Kumar, V., Ph.D. (University of Texas, Austin), Regents' Professor of Marketing, holder of the Richard and Susan Lenny Distinguished Chair in Marketing, and Executive Director of the Center for Excellence in Brand and Customer Management

Lambert, Lisa, Ph.D. (University of North Carolina), Associate Professor of Managerial Sciences

Langford, Beverly Y., Ph.D. (Georgia State University), Clinical Assistant Professor of Business Communication

Lemley, K. Christopher, M.B.A. (Georgia State University), Instructor of Marketing

Levine, Kenneth C., D.B.A. (Nova Southeastern University), Instructor of Executive Education

Li, Di, Ph.D. (University of Michigan), Assistant Professor of Finance

Lim, Elizabeth, Ph.D. (University of Connecticut), Assistant Professor of Managerial Sciences

Liu, Leigh Anne, Ph.D. (Vanderbilt University), Associate Professor of International Business

Loch, Karen D., Ph.D. (University of Nebraska, Lincoln), Professor of International Business and Director of the Global Partners MBA Program

Lohtia, Ritu, Ph.D. (University of Maryland), Associate Professor of Marketing

Lord, Wayne, Ph.D. (Georgetown University), Visiting Clinical Professor of Executive Education

Luger, Richard, Ph.D. (University of Montreal), Associate Professor of Risk Management and Insurance (with secondary appointment in the Department of Economics, Andrew Young School of Policy Studies)

Luo, Anita, Ph.D. (University of Connecticut), Assistant Professor of Marketing

Mansfield, Nancy Reeves, J.D. (University of Georgia), Professor of Legal Studies

Matherne, Brett P., Ph.D. (Georgia State University), Clinical Associate Professor of Managerial Sciences

Mathiassen, Lars, Ph.D. and Dr. of Technology (Oslo University, Norway and Aalborg University, Denmark), Professor of Computer Information Systems and the Georgia Research Alliance Eminent Scholar

Maurer, Todd, Ph.D. (University of Akron), Professor of Managerial Sciences and Director of the Beebe Institute of Personnel and Employment Relations

McClurg, Lucy Newton, Ph.D. (Georgia State University), Associate Professor of Managerial Sciences and Associate Chair of the Department of Managerial Sciences

McDonald, David S., Ph.D. (Georgia State University), Associate Professor of Computer Information Systems

McLean, Ephraim R., Ph.D. (Massachusetts Institute of Technology), Regents' Professor of Computer Information Systems, holder of the George E. Smith Eminent Scholar's Chair in Information Systems, and Chair of the Department of Computer Information Systems

Mettler, Alfred, Ph.D. (University of Zurich), Clinical Associate Professor of Finance

Miles, Edward W., Ph.D. (University of Georgia), Associate Professor of Managerial Sciences

Mishra, Abhay, Ph.D. (University of Texas), Assistant Professor of Health Administration (with secondary appointment in the Department of Computer Information Systems)

Montanera, Daniel, Ph.D. (University of Western Ontario), Assistant Professor of Health Administration

Moschis, George P., Ph.D. (University of Wisconsin), Professor of Marketing, holder of the Alfred Bernhardt Research Professorship in Marketing, and Director of the Center for Mature Consumer Studies

Nag, Rajiv, Ph.D. (Pennsylvania State University), Assistant Professor of Managerial Sciences

Nargundkar, Satish V., Ph.D. (Clemson University), Clinical Associate Professor of Managerial Sciences

Nasser, David L., Ph.D. (University of Minnesota), Clinical Assistant Professor of Marketing

Nathan, Siva, Ph.D. (State University of New York, Buffalo), Associate Professor of Accountancy

Nifadkar, Sushil, Ph.D. (Arizona State University), Assistant Professor of International Business

Oh, Jeong-Ha, Ph.D. (University of Washington), Assistant Professor of Computer Information Systems

Olson, Steven D., Ph.D. (Emory University), Director of the Center for Ethics and Corporate Responsibility

O'Toole, Jason S., Ph.D. (University of Wisconsin), Assistant Professor of Managerial Sciences

Palladi, Rhonda, Ph.D. (Walden University), Instructor of Managerial Sciences

Palmer, Edwin K., J.D. (Tulane University School of Law), Assistant Professor of Legal Studies

Park, Taewoo, Ph.D. (Purdue University), Clinical Assistant Professor of Accountancy

Parker, Jeffrey, Ph.D. (Columbia University), Assistant Professor of Marketing

Partridge, Kathleen S., M.B.A. (University of Pittsburgh), Lecturer of Accountancy

Perdue, Larry J., M.S. (University of Tennessee), Lecturer of Hospitality Administration and Executive Director of Global Hospitality Initiatives

Phillips, Richard D., Ph.D. (University of Pennsylvania), Associate Dean for Academic Initiatives and Innovation, Professor of Risk Management and Insurance, and holder of the C. V. Starr Professorship in Risk Management and Insurance

Pilling, Bruce K., Ph.D. (Arizona State University), Associate Professor of Marketing and Associate Chair of the Department of Marketing

Poisson, Donetta, Ph.D. (University of Tennessee), Visiting Lecturer of Hospitality Administration

Prime, Penelope, B., Ph.D. (University of Michigan), Clinical Professor of International Business

Rai, Arun, Ph.D. (Kent State University), Regents' Professor of Computer Information Systems and holder of the Harkins Chair of Computer Information Systems

Ramachandran, Usha, J.D. (Georgia State University), Clinical Assistant Professor of Accountancy

Ramesh, Balasubramaniam, Ph.D. (New York University), Professor of Computer Information Systems and holder of the Board of Advisors Professorship in Computer Information Systems

Ransopher, Tad D., J.D. (Woodrow Wilson College of Law), Assistant Professor of Accountancy

Rasso, Jason, Ph.D. (University of South Florida), Visiting Assistant Professor of Accountancy

Ray, Clifton V. (Buddy), M.S. (Georgia State University), Lecturer of Managerial Sciences and Associate Director of the Herman J. Russell, Sr. International Center for Entrepreneurship

Rigdon, Edward E., Ph.D. (University of Alabama), Professor of Marketing

Robbe, Deborah, M. S. (Colorado State University), Instructor of Hospitality Administration

Robinson, William N., Ph.D. (University of Oregon), Associate Professor of Computer Information Systems

Roth, Wendy A., Ph.D. (University of Tennessee), Clinical Assistant Professor of Managerial Sciences

Ruff, Craig K., Ph.D. (Virginia Polytechnic Institute and State University), Clinical Associate Professor of Finance

Rutstrom, Elisabet, Ph.D. (Stockholm School of Economics), Professor of Business Administration (with secondary appointment in the Department of Economics, Andrew Young School of Policy Studies) and Director of the Dean's Behavioral Economics Laboratory

Ryan, Harley E., Jr., Ph.D. (Georgia State University), Assistant Dean for Flex and Professional MBA Programs, Associate Professor of Finance, and holder of the SunTrust Professorship in Capital Markets

Saboo, Alok, R., Ph.D. (Pennsylvania State University), Assistant Professor of Marketing

Samaddar, Subhashish, Ph.D. (Kent State University), Professor of Managerial Sciences

Sevcik, Galen R., Ph.D. (University of Minnesota), Professor of Accountancy and Director of the School of Accountancy

Shah, Denish , Ph.D. (University of Connecticut), Assistant Professor of Marketing and Assistant Director of the Center for Excellence in Brand and Customer Management

Sherman, Peggy B., J.D. (Vanderbilt University), Clinical Associate Professor of Legal Studies

Shi, Junmin, Ph.D. (Rutgers University), Clinical Assistant Professor of Managerial Sciences

Shi, Zhen, Ph.D. (Arizona State University), Assistant Professor of Finance

Shim, J. P., Ph.D. (University of Nebraska, Lincoln), Visiting Clinical Professor of Computer Information Systems

Shore, Stephen H., Ph.D. (Harvard University), Associate Professor of Risk Management and Insurance

Shrikhande, Milind M., Ph.D. (University of Pennsylvania), Clinical Professor of Finance

Smeal, Lucia, N., J.D. (Catholic University), Clinical Assistant Professor of Accountancy

Smith, Gary H., M.B.A. (University of Rochester), Visiting Lecturer of Accountancy

Sood, Ashish, Ph.D. (University of Southern California), Visiting Assistant Professor of Marketing

Sotomayor, Luz Rocío, Ph.D. (University of Alberta), Assistant Professor of Risk Management and Insurance

St. Peter, Louis G., Ph.D. (University of Nebraska), Lecturer of Managerial Sciences

Stevens, Douglas E., Ph.D. (Indiana University), Associate Professor of Accountancy

Storey, Veda C., Ph.D. (University of British Columbia), Professor of Computer Information Systems and holder of the J. M. Tull Professorship in Computer Information Systems

Stotz, Daniel L., M.S. (Colorado State University), Senior Director of Executive Education

Straub, Detmar W., D.B.A. (Indiana University), Regents' Professor of Computer Information Systems, holder of the J. Mack Robinson Distinguished Professorship in Information Systems, and Director of the Ph.D. Program, Robinson College of Business

Stucke, Carl H., Ph.D. (Emory University), Instructor of Computer Information Systems and Associate Chair of the Department of Computer Information Systems

Subramanian, Ajay, Ph.D. (Cornell University), Professor of Risk Management and Insurance and holder of the Bruce A. Palmer Professorship in Risk Management and Insurance

Sumner, Andrew T., Sc. D. (Johns Hopkins University), Associate Professor of Health Administration, holder of the Joe Taylor Chair of Health Administration, and Director of the Institute of Health Administration

Swenson, Laura A., Ph.D. (University of Wisconsin), Assistant Professor of Accountancy

Tafkov, Ivo, Ph.D. (Emory University), Assistant Professor of Accountancy

Thachenkary, Cherian S., Ph.D. (University of Waterloo), Associate Professor of Managerial Sciences

Thielman, John, J.D. (State University of New York, Buffalo), Associate Director of the Center for the Economic Analysis of Risk

Thornton, Corliss L., Ph.D. (Florida State University), Associate Professor of Marketing

Truex, Duane P., Ph.D. (State University of New York, Binghamton), Associate Professor of Computer Information Systems

Ulm, Eric R., Ph.D. (Ohio State University), Clinical Assistant Professor of Risk Management and Insurance

Umashankar, Nita, Ph.D. (University of Texas, Austin), Assistant Professor of Marketing

Varshney, Upkar, Ph.D. (University of Missouri, Kansas City), Associate Professor of Computer Information Systems

Verhage, Bronislaw J., Ph.D. (University of Texas), Professor of Marketing

Wallace, Walter L., M.B.A. (Samford University), Instructor of Managerial Sciences

Welke, Richard J., Ph.D. (State University of New York, Buffalo), Professor of Computer Information Systems and Director of the Center for Process Innovation

Weston, Harold A., J.D. (Emory University), Clinical Assistant Professor of Risk Management and Insurance

White, Marta S., Ph.D. (Florida State University), Clinical Associate Professor of Managerial Sciences

Widman, Tracy A., Ph.D. (Georgia State University), Assistant Dean for Assessment, Accreditation, and Data Management, and Lecturer

Wiley, Jonathan A., Ph.D. (University of Alabama), Assistant Professor of Real Estate

Willey, Susan L., J.D. (Indiana University), Associate Professor of Legal Studies

Willis, Linda P., M. Comm. (Georgia State University), Instructor of Business Communication

Wood, Barry W., M.B.A. (University of Notre Dame), Academic Professional in Risk Management and Insurance

Wysor, Maryann T., M.B.A. (Georgia State University), Instructor of Business Communication

Xia, Yusen, Ph.D. (University of Texas, Austin), Associate Professor of Managerial Sciences

Yang, Baozhong, Ph.D. (Massachusetts Institute of Technology) and Ph.D. (Stanford University), Assistant Professor of Finance

Yates, Michael C., Ph.D. (University of Texas, Austin), Clinical Assistant Professor of Finance

Young, Stephen P., M.B.A. (Georgia State University), Visiting Instructor of Marketing

Yu, Yu, Ph.D. (Cornell University), Assistant Professor of Marketing

Zanjani, George, Ph.D. (University of Chicago), Associate Professor and holder of the American Association of Managing General Agents (AAMGA) Chair in Risk Management and Insurance

Zhang, Guoqiang P., Ph.D. (Kent State University), Professor of Managerial Sciences

Zhao, Yi, Ph.D. (Hong Kong University of Science and Technology), Assistant Professor of Marketing

Ziobrowski, Alan J., Ph.D. (Kent State University), Professor of Real Estate

School of Public Health Faculty

Becker, Mark P., Ph.D. (Pennsylvania State University), Professor of Mathematics and Statistics and President

Burton, Courtney, M.S. (Florida State University), Academic Professional in Public Health

Casanova, Lisa, Ph.D. (University of North Carolina Chapel Hill, Assistant Professor of Public Health

Crimmins, Daniel, Ph.D. (SUNY Binghamton), Professor of Public Health

Edwards-Gaura, Anna, Ph.D. (University of Georgia), Clinical Assistant Professor of Public Health

Eriksen, Michael P., Sc.D. (Johns Hopkins University), Professor of Public Health and Dean of the Institute of Public Health

Fuller, Christina, Sc.D. (Harvard University), Assistant Professor of Public Health

Graybill, Emily, Ph.D. (Georgia State University) Clinical Assistant Professor of Public Health

Il'Yasova, Dora, Ph.D. (University of North Carolina, Chapel Hill), Associate Professor of Public Health

Howell, Jessica, M.P.H. (Georgia State University), Academic Professional in Public Health

Luo, Ruiyan, Ph.D. (University of Wisconsin, Madison), Assistant Professor of Public Health

Lutzker, John, Ph.D. (University of Kansas), Professor of Public Health

Lyn, Rodney S., Ph.D. (Georgia State University), Assistant Professor of Public Health

Okosun, Solomon Ike, Ph.D. (University of Pittsburgh), Associate Professor of Public Health

Perry, Bruce, M.D. (Emory University), Health Management & Policy Lecturer of Public Health

Ramsey-White, Kim, Ph.D. (Georgia State University), Academic Professional in Public Health

Rothenberg, Richard B., M.D. (Harvard University), Regents' Professor of Public Health

Salazar, Laura, Ph.D. (Georgia State University), Associate Professor of Public Health

Self-Brown, Shannon, Ph.D. (Louisiana State University), Clinical Associate Professor of Public Health

Shanley, Jenelle, Ph.D. (Central Michigan University), Clinical Assistant Professor of Public Health

Smith, Donna, M.A. (Emory University), Academic Professional in Public Health

Stauber, Christine, Ph.D. (University of North Carolina at Chapel Hill), Assistant Professor of Public Health

Sterling, Kymberle, Dr.P.H. (University of Texas Health Science Center at Houston), Assistant Professor of Public Health

Stevens, Bethany, J.D. (University of Florida), Clinical Instructor of Public Health

Steward, John A., M.P.H. (University of Michigan), Academic Professional in Public Health

Strasser, Sheryl, Ph.D. (University of Alabama at Birmingham), Assistant Professor of Public Health

Swahn, Monica H., Ph.D. (University of Pittsburgh), Professor of Public Health

Whitaker, Daniel, Ph.D. (University of Georgia), Professor in Public Health